

# OE2010 Handbook



# Table of Contents

<b>1 Welcome to OE2010!</b>	<b>1</b>
<b>2 Introduction</b>	<b>2</b>
2.1 About OE2010 .....	3
2.2 FAQ for upgraders from V.10.x .....	5
2.3 Release Notes V.11.0 .....	9
2.4 Getting help .....	46
2.5 How to buy OE2010 .....	47
<b>3 Quick start tutorial</b>	<b>48</b>
3.1 User interface .....	49
3.1.1 Main window .....	49
3.1.2 Working form .....	50
3.1.3 Reports .....	52
3.1.4 Dialogs .....	54
3.2 Migrating events from V.10.3 .....	56
3.3 Beginning with the event .....	57
3.4 Managing entries .....	59
3.5 Course setting .....	63
3.6 Creating start lists .....	66
3.7 Running the competition .....	68
<b>4 Advanced tasks</b>	<b>70</b>
4.1 Managing events .....	71
4.2 Managing archives .....	72
4.3 Interacting with web services .....	74
4.4 Handling teams .....	75
4.5 Chip systems .....	76
4.6 Advanced competition day tasks .....	77
4.7 Speaker support .....	79
4.8 Time taking .....	82
4.9 Special multiday tasks .....	84
4.10 Data security .....	85
4.11 Working with restricted user rights .....	87
4.12 Working in a network .....	89
4.12.1 Optimizing network performance .....	90
<b>5 Reference</b>	<b>99</b>
5.1 FAQ for upgraders from V.10.x .....	100
5.2 User interface .....	104
5.2.1 Main window .....	104
5.2.2 Working form .....	106

5.2.2.1 Data grid .....	108
5.2.2.2 Selection grid .....	109
5.2.2.3 List box selectors .....	110
5.2.2.4 Folder selector .....	110
5.2.2.5 File selector .....	111
5.2.2.6 Stage selector .....	112
5.2.3 Reports .....	112
5.2.3.1 Report layout editor .....	117
Report graphics designer .....	120
5.2.3.2 Label layout editor .....	122
5.2.3.3 Print dialog .....	126
5.2.3.4 Label print dialog .....	127
5.2.3.5 PDF dialog .....	128
5.2.3.6 Label PDF dialog .....	129
5.2.3.7 Publish dialog .....	130
5.2.3.8 Export dialog .....	131
5.2.3.9 Upload files .....	132
5.2.3.10 Send EMails .....	133
5.2.4 Dialogs .....	134
<b>5.3 Event .....</b>	<b>136</b>
5.3.1 Select event .....	137
5.3.2 Event settings .....	138
5.3.3 Create a new event .....	139
5.3.4 Delete event .....	140
5.3.5 Backup event .....	140
5.3.6 Restore event .....	141
5.3.7 Repair event .....	141
5.3.8 Copy event .....	142
<b>5.4 Entries Overview .....</b>	<b>144</b>
5.4.1 Entries .....	145
5.4.2 Entries of the day .....	154
5.4.3 Classes .....	155
5.4.4 Clubs .....	157
5.4.5 Alternative classes .....	160
5.4.6 Start fee settings .....	161
5.4.7 Address dialog .....	161
5.4.8 Import classes .....	162
5.4.9 Import entries .....	163
5.4.10 Import entries (special formats) .....	165
5.4.11 Import rankings .....	167
5.4.12 Distribute Elite entries .....	168
<b>5.5 Course setting .....</b>	<b>170</b>
5.5.1 Courses .....	170
5.5.2 Controls .....	173

5.5.3 Assign Classes - Courses .....	175
5.5.4 Assign Competitors - Courses .....	176
5.5.5 Import courses .....	179
<b>5.6 Start list .....</b>	<b>181</b>
5.6.1 Start organisation by classes .....	182
5.6.2 Start organisation by courses .....	184
5.6.3 Start organisation by clubs .....	187
5.6.4 Start list draw - Classes .....	189
5.6.5 Start list draw - Courses .....	193
5.6.6 Start list reports .....	199
5.6.7 Chase start by classes .....	200
5.6.8 Chase start by courses .....	203
<b>5.7 Competition day .....</b>	<b>206</b>
5.7.1 Read chips .....	206
5.7.2 Evaluate chips .....	210
5.7.3 Read chips - Registration .....	214
5.7.4 Replacement controls .....	217
5.7.5 Voided legs .....	218
5.7.6 Start interruption .....	219
5.7.7 Prize giving .....	220
5.7.8 Time taking .....	222
5.7.8.1 Manual input .....	223
5.7.8.2 Time taking - Basic principles .....	224
5.7.8.3 Time taking - PC clock .....	229
5.7.8.4 Time taking - SportIdent .....	229
5.7.8.5 Time taking - Emit .....	230
5.7.8.6 Time taking - MicroGate .....	232
5.7.8.7 Time taking - Alge .....	233
5.7.8.8 Time taking - Network update .....	234
5.7.9 Reading device backup .....	235
5.7.10 Log files .....	237
5.7.11 Evaluate SI stations .....	240
5.7.11.1 Find competitors who did not start .....	242
5.7.12 Reports (Finish) .....	243
5.7.13 Download SI station backup .....	244
5.7.14 Download Emit MTR backup .....	245
5.7.15 Download Emit ECU/MTR5 backup .....	246
<b>5.8 Results .....</b>	<b>248</b>
5.8.1 Result Reports .....	248
5.8.2 Automatic result print service .....	252
5.8.3 Cancel classes .....	253
<b>5.9 Speaker .....</b>	<b>255</b>
5.9.1 Speaker support .....	256
5.9.2 Prewarning .....	258

5.9.3 Intermediate results .....	262
5.9.4 Radio controls .....	264
5.9.5 Handling individual courses .....	265
5.9.6 Online monitor for intermediate times (Client) .....	265
5.9.7 Online monitor for intermediate times (Client Web) .....	268
5.9.7.1 ROC olresultat settings .....	270
5.9.8 Online monitor for intermediate times (Server) .....	270
5.9.9 Online punches update .....	272
5.9.10 Enter intermediate times manually .....	273
5.9.11 Biographies .....	274
5.9.12 Import biographies .....	275
5.9.13 Display board .....	275
5.9.14 OEDisplay DLL .....	278
<b>5.10 Extras .....</b>	<b>279</b>
5.10.1 Migrate data V10 -> V11 .....	279
5.10.2 Imports into the event .....	280
5.10.2.1 Import classes into the event .....	280
5.10.2.2 Import clubs into the event .....	282
5.10.2.3 Import competitors into the event .....	282
5.10.3 Report layouts .....	284
<b>5.11 Archive .....</b>	<b>286</b>
5.11.1 Edit archive .....	287
5.11.2 Select archive .....	292
5.11.3 Create a new archive .....	294
5.11.4 Delete archive .....	294
5.11.5 Backup archive .....	295
5.11.6 Restore archive .....	295
5.11.7 Repair archive .....	296
5.11.8 Imports into the archive .....	296
5.11.8.1 Import competitors into the archive .....	297
5.11.8.2 Import classes into the archive .....	298
5.11.8.3 Import clubs into the archive .....	299
5.11.9 Copy classes into the event .....	300
5.11.10 Copy clubs into the event .....	300
5.11.11 Update archive from the event .....	301
<b>5.12 Settings .....</b>	<b>305</b>
5.12.1 Application folders .....	305
5.12.2 Extra fields .....	307
5.12.3 Language .....	307
5.12.4 License .....	308
<b>5.13 Common Dialogs .....</b>	<b>309</b>
5.13.1 Check for updates .....	309
5.13.2 Handling the chip system devices .....	310
5.13.3 Serial port settings .....	310

5.13.4 SportIdent settings .....	311
5.13.5 Emit settings .....	313
<b>Index</b>	<b>317</b>

## 1 Welcome to OE2010!



OE2010 is your comfortable and reliable tool to organise individual O events, both single day and multiday competitions. It is the most used and most popular one of the famous SportSoftware event applications for orienteering written by **Stephan Krämer**, which are the universal and world wide leading O event software.

OE2010 comes in several [editions](#).

This help is designed both as a course in using OE2010 and as an ongoing reference while you are working with the program. It may even teach you a bit in organising O events...

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### Getting started – new users and users upgrading from SportSoftware V.9.x

- Please study the [Introduction](#) and [Quick Start Tutorial](#) sections to familiarize yourself with the basics of the program.
- Don't forget to read the [context help](#) of every window which you are working in.

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### Getting started – users upgrading from SportSoftware V.10.x

- See the [Upgrade FAQ](#) for a quick summary of the major changes and where to find the functions you are looking for.
- Even if you are an experienced SportSoftware user, please run through the [Introduction](#) and [Quick Start Tutorial](#) sections quickly to get up to speed with what has changed in this new version of the program.
- For [reference](#) purposes, you can use the table of contents as an index. Look into the contents table of the Quick start tutorial and the Advanced tasks and pick out the task you need more information. Look there and follow the links given to the reference section. The latter is the normal application help. You can access those chapters also by clicking on the help button within each form.

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**Emit** is a registered trademark of Emit AS, Oslo, Norway.

## 2 Introduction

The topics in this section provide some basic information about OE2010, what it is for and what you can do with it.

### How to get started

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- See [Getting help](#) for details on using this help and getting more information about OE2010.
- Study this Introduction chapter and [The user interface](#) sections to familiarize yourself with the program.
- Then work through the [Quick start tutorial](#) to familiarize yourself with the most common tasks.
- If you are upgrading from a previous version see [Migrating events from V.10.3](#) for information on how to convert your existing OE2003 events into the new OE2010 format.

### Learning more

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- Look into the contents table of the [Quick start tutorial](#) and the [Advanced tasks](#) and pick out the task you need more information. Look there and follow the links given to the [reference](#) section.
- You may also look into the contents table of the [Reference](#) section directly. You will get the same help topic displayed if you click on [Context help](#) in the corresponding window.
- You can also use the index table to search for the information you need.
- Check out the [Demo events](#) for more information.
- Have a look at the [SportSoftware web site](#). You will find there current information, bug fixes, add ons and more for download.

## 2.1 About OE2010

### Purpose and history

OE2010 is your comfortable and reliable tool to organise individual O events, both single day and multiday competitions (2 to 6 stages). It is the most used and most popular one of the famous SportSoftware event applications for orienteering written by myself, **Stephan Krämer**, which are the universal and world wide leading O event software.

OE2010 comes in several [editions](#).

The software is based on my more than 30 years' experience in upper level orienteering, as well as in organising many high level orienteering events. As an informations engineer, I began writing suitable software for orienteering (and other sports) events in 1980. One of the first releases of my software had been awarded the 1st prize at the IOF Software Contest in 1986. In 1996, I joined the SportIdent development. This valuable cooperation and the common marketing made both the SportIdent electronic punching system and the SportSoftware event applications to the worldwide leaders. Many well known and (much more than I) experienced organisers all over the world had contributed their ideas to improve the software.

#### I thank you all for your great work!

The support of the electronic punching system **SportIdent**® which is implemented here, is based on my know how which I could contribute as the co-developer of this system. This helped me also very much in implementing the **Emit** support. Of course I needed a competent and reliable source to learn and understand everything about Emit. My warmest thanks go to **Jouni Laaksonen (FIN)**, who had provided me the most valuable help.

This current version 11.0 is a complete reengineering of the previous major version 10.x. Version 10 users may have a look at the [FAQ for upgraders](#).

### Preconditions for working with OE2010

OE2010 runs on any PC under Windows 2000/XP/Vista/7/8 and higher. There are no special hardware requirements. If the operating system runs smoothly, then also OE2010 should do so. F.ex. for Windows XP or Win7 this means 1-2GB main memory, a suitable graphic card and a monitor which should have 1024x768 resolution as a minimum. Working with less memory and smaller screens is possible but you may notice some performance and display restrictions.

All Windows installed printers will work. I recommend the use of a laser printer.

The disk space which is required by the OE2010 installation, its settings and the data does actually not matter today where we have hundreds of GBs free on our hard disks. An average user will stay well below 100-200MB at all.

As a user you should be familiar with Windows applications. Additionally, you should have some practice as an orienteer. Special orienteering terms will be used in this manual without any explanation.

Experience in O-organising will be helpful but is no precondition. Just learn organising O-events using OE2010!

### Application limits

The maximum number of competitors, clubs, classes, etc. is limited only by available disk space, the edition and some output restrictions. For edition limits, see [How to buy OE2010](#).

Some other limits are well defined but not actually a limitation for you...

numbers of stages	2 - 6
max. running time	59999:59 min or 999:59:59 h
max. start fee amount	999999999.99
max. start number	99999
max. chip number	99999999
max. class number	99999999
max. start box	99
max. club number	99999999
max. control code	999
max. controls per course	64

**Notice:** The [SportIdent SICard5](#) supports only 36 controls (30 with times). The [Emit ECard](#) supports only 50 controls (incl. start, finish and read punch).

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## 2.2 FAQ for upgraders from V.10.x

The user interface of OE2010 is very different from that in version 10 and earlier. Also the structure and the visual appearance of this help file had been modernized thoroughly.

Although upgraders will find the working functions very quickly since the main menu is quite similar to the one of V10, the way of working within the functions is completely different, as this is always the case when modernizing an end-user application to a new Windows UI level.

There are also many functional improvements. But these are too much, so that you will not find a list of them here for the first V11.0 release like you were used to from previous versions. Of course, with later minor releases they are documented herein as usual.

Even if you are an experienced SportSoftware user I recommend that you work through the [Introduction](#) and [Quick Start Tutorial](#) chapters of the new help briefly before you start working with the new version. This will help you to familiarize yourself with the new features.

### Where is Everything?!

#### – Where is MT2010 for multi day events?

All the **multiday functions** had been integrated into OE2010. If you own the [multiday option](#) of OE2010, you will see both single day and multi day events in the [event selection dialog](#). If you had selected a multi day event, then all the multiday features of OE2010 will be displayed and activated according to the context.

#### – What about CheckPC?

The former **CheckPC** add on had been integrated into OE2010. This check is done every time when OE2010 starts up. On errors, you will have to repeat the setup in order to set the right values in the registry. However, for the V.10.x users, CheckPC is still available for download as a standalone application.

#### – Where is the Archive Manager for V11?

The functions of the **Archive Manager** (which is still a standalone application for V.10.3) had been integrated into OE2010.

See the Archive topics in the [Advanced tasks](#) and [Reference](#) sections.

#### – Where is the Layout Manager for V11?

The functions of the **Layout Manager** (which is still a standalone application for V.10.x and earlier) had been integrated into OE2010. You can define and edit the label layouts just like the report layouts. Unfortunately, this basic improvement made it impossible to upgrade your own layouts from V10 into V11. However, there is a simple procedure how you can do that yourself easily.

See the [Label layout editor reference](#) for more details.

#### – Where is the speaker and finish software?

The functions of the **Speaker** and **Finish** add ons had been integrated into OE2010. You will see the respective menu items in the main menu, if you have the Pro license. Have a look into [How to buy](#) to read more about the various editions available.

#### – Why is there no Edition Sverige anymore?

All special features of the former OE2003 Edition Sverige are now included in the standard version. This may all be helpful for users outside Sweden also, like the Beginners classes which don't show the times in the results, or the automatic calculation of a start time for late entries.

Special Swedish import formats are provided in the import dialogs, similar to f.ex. OCAD and Condes formats in the course import.

#### – Where is the network dialog?

The SportSoftware V11 has a more advanced method implemented where the event data are saved. You can select a local or a remote folder with a list of events in the [event selection dialog](#).

#### – Where are all those entries functions like classes, clubs and start fees?

All entries functions except the import and the direct entries had been integrated into a [single entries function](#). Just open the Entries window and play around a bit. Don't forget to read its [context help](#)! Also a good entry point would be reading the [Managing entries](#) topic first.

– **Where can I define the controls?**

The controls table had been integrated into [Courses-Courses](#). Also the most summary reports had been concentrated in this form now. Just play around a bit with that. Don't forget to read its [context help](#)!

– **I am missing some more functions in the main menu?**

Some functions had been moved to the [Extras](#) or [Settings](#) main menu items. Look there or search in the index of this help file.

– **Why can't I move the windows anywhere on the screen?**

The new UI follows the [Microsoft MDI](#) (multi document interface) standard. All windows of the application must be placed within its main work space. I am sure, you will experience the advantage of this standard very quickly. One basic advantage is that this allows you to launch OE2010 several times, so that you can [work on multiple events concurrently](#).

See [User interface](#) for more details.

– **Where is the report selection dialog?**

There is a new report selection panel which is integrated in the report window. See the [Reports reference](#) for more details.

– **I can't see the whole working form within the main form?**

Just enlarge the main form and resize the working form inside it.

– **Where are the open windows?**

With many open working forms and especially report forms, you will lose the overview since all those windows are overlapping each other. In the [Windows](#) main menu item you will find all open working forms and reports. Click on the one which you want to bring to the foreground. See also the [Main window reference](#).

– **Select language: where is the database sort order?**

The database sort order defines the Windows setting about the alphabetical sort order in the database. In V10, this setting had been included in the language selection. However, this was not the right place for it since this is event/archive specific. Also, in V10 you had to repair the event/archive afterwards to get it into effect. With V11, this setting can be changed directly when repairing the event or archive. See the [Repair event reference](#) or [Repair archive reference](#) for more information.

– **Where is the Missing chips report?**

The content of this report had been included in the Missing competitors report. See the [Reports \(Finish\) reference](#) for more details.

– **Where is the event option "Individual courses"?**

In V10, the individual courses were an event/stage option, which meant that all classes had to run with that option. Now OE2010 allows to define this for each class separately. So you can have "normal" classes together with other classes using individual courses within the same event/stage. For more information see the [Assign Classes - Courses reference](#).

## New and Different – Major Changes

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– **Application folders**

Until V10, all the application settings had been saved into the application install folder and the events had been saved into subfolders of the application folder. However, this is against the rules which Windows defined since Windows XP. Now you can define yourself where to save them. The SportSoftware offers some standard settings but you can completely customize this to your needs if you like. One of the main advantages is that

you could manage different sets of events in different data folders. See the [Application folders reference](#) for more information.

### – Working forms

Editing the data grids in the working forms had been revolutionized. Besides the speed and modern UI, the most important improvements are being able to sort by any columns and customizing the grid layout visually on screen.

### – Reports in general

The report handling had been revolutionised. Now the report displays immediately using the last selections. Selection and setting sort order and options can be done directly in the report window. Report and label layouts can be edited there also. You can have multiple layouts for the same report. Graphics are supported both for report and label layouts. For more information see the [Reports reference](#).

### – One-click-reports

The most used reports, start lists and results, are now accessible directly from the main menu. With a single click, the desired report will be displayed. The most used of them, start lists and results by classes, are also accessible by the toolbar.

### – Label layouts

Formerly, the label layouts had been kept outside the event applications and they had to be edited by the Layout Manager. Now the label layouts are directly assigned to each report (in the same way as the multiple report layouts) and they must be edited with the integrated label layout editor. There is one major advantage to the previous solution: now you can only place those fields on the label which are actually valid for the report. To enable using the same layout by multiple reports, there are layout pools used. See the [Report reference](#) for more information.

### – Read chips

The Read chips form had been split into [Read chips](#) (which is like you are used from V10) and [Read chips - Registration](#), which provides the possibility to [register the entries in the finish](#), after the race. This is a preferred mode for training events.

Now there is a new **Emergency mode** which helps you to overcome network breaks quite easily. [Handling unknown chips](#) had been improved so that the competitor's flow at the download device will not be interrupted.

Reading the log files and the device backup memory had been moved to the **Main menu-Competition day** since these functions have become much more comfortable now. This gives also the possibility to download chips and look into the log file simultaneously. See the [Log files reference](#) and the [Device backup memory reference](#) for more information.

### – One-click Event backup

Formerly, the event backup had copied the event data files into a separate folder. If you had to send this backup elsewhere by email (f.ex. to the SportSoftware support), then this required one more step to zip that folder. So many got used to just zip the event folder directly. Now the built-in event backup is the more straightforward and quicker method. The backup will be copied into a single file with extension **.skb**, which is actually a zip file. There are not only the event data files included but also log files and other settings.

### – Supporting restricted user rights

Formerly, the SportSoftware could be driven with admin user accounts only. Now restricted user rights are also supported. Read more about this topic in [Working with restricted user rights](#).

### – SportIdent extended mode (protocol)

Previous SportSoftware versions could not deal with the SportIdent stations in extended mode. OE2010 now supports all features of the SportIdent hardware at the time of its initial release. For security and performance reasons, it is recommended to run the SportIdent hardware in extended mode.

**Notice:** In this document, I am using the term [extended mode](#) (which tells what it is) while SportIdent documents may use the term [extended protocol](#).



## 2.3 Release Notes V.11.0

This topic gives you all information about what had been done in a specific release of V.11.0.

The information about the last release will always be expanded. Click on the **+** button of a previous release to expand its paragraph.

### - 12.3.2019

#### Bug fixes

##### - Help - Search for updates

With the new https:// URL and due to some new security mechanisms of the [new SportSoftware online web site](#), this function did no longer work.

### - 7.4.2017

#### Improvements

##### - Competition day - Read Chips

Downloading of [SICard10/11](#) and [SIAC](#) had been improved so that this is much quicker now.

OE2010 now supports the [AIR+ punches](#) from the SIAC in [ms resolution](#). This depends on the selected time format. Milliseconds are only computed *if the time format includes tenths or hundreds*.

##### - Competition day - Reading device backup memory

The algorithm has been improved to support the improvements of the downloading of [SICard10/11](#) and [SIAC](#).

##### - Speaker - Online monitor Client Web

So far, the online punch transfer [started automatically](#) when the form was displayed. **Now this has been changed.**

To launch the online punch download, you have to press the [Start](#) button manually. This allows to [verify the ROC settings](#) beforehand if necessary.

##### - Overall results multadays

[Point scoring system Brazilian updated](#)

There is a new rule valid from 1.1.2017. The calculation had been updated to cover this rule. Brazilian users received an interim Exe dated with 1.1.2017.

#### Bug fixes

##### - Entries - Import

[Multadays import](#)

Some records gave "Could not be imported" but actually they were imported.

*This was an insufficient computing of the chip numbers of entries for singular days.*

##### - Competition day - Evaluate Chips

[Multadays](#)

If at a multiday event the default stage was higher than 1, and at this stage there were [individual courses](#), then the course column showed "[No course defined](#)" when opening the form.

##### - Multiday results

[Point scoring: Welsh Method](#)

The calculation and thus the report aborted if in a class there was only a single competitor in the finish and at least two more who did not finish or mispunched.

### – Results - Split times

For [SICard10/11/SIAC](#), the [running time differed to the finish punch time](#) by one second quite often, if the time format was in seconds.

*This was caused by a not fully correct computation of the special start and finish punch format of those modern SICard types.*

### – Speaker - Online monitor Client Web

The [starting time](#) for the punch download did not work with Windows country settings where the [time format is different to HH:MM:SS](#). (ROC always needs exactly that format.)

If PCs with [different language settings](#) worked on the same event in the network, there was a [similar format problem](#) both with date and time.

*Now the date and time are saved and read in the native ROC format only.*

### – SI device characteristics

In the backup memory dialogs, the [BSM8](#) had been displayed as [BS8-SRR](#).

## – 29.2.2016

### Improvements

#### – Entries / Entries of the day

Some organisers maintain a [pool of rent chips in the archive](#), using the [Rented](#) flag there. If such a chip is used in the event, then in most cases (but not all...) it should be [set to Rented in the event](#) also. Now there is a confirmation prompt whether this should be checked if you forget it. For more details see the [Entries](#) reference.

#### – Start list reports

On [single day](#) start lists, the column [Start block](#) had been added. This is designed for validating purposes only, and it should not be used for public reports.

#### – Overall results multadays

[New point scoring system: Welsh](#)

This is a special scoring calculation which is used at the [Croeso Multadays](#) in Wales from 2016 on. For more details see the [result reports reference](#).

#### – Speaker - Intermediate results

[LiveResults](#) imports the [XML V3 format](#) now. As a special help to support LiveResults, the [radio controls definition](#) is included now. They will be created automatically if you check the right option in the [EmmaClient](#) software.

#### – Archive - Update from the event

Now the [IOF Id number](#) will also be transferred from the event data into the archive.

#### – Windows magnification

Apparently there was a change with some [Windows10](#) update, after that the [Windows magnification](#) of the SportSoftware [did no longer work](#) on certain installations. This has been solved now.

## Bug fixes

### — Entries - Entries of the day

It was possible to sort the table by name and first name. This aborted the insert mode. *The only useful sort order in this window is the input order, which is fixed by design.*

### — Speaker - Online punches update

If the field Chips from had a clock time before the zero time, then nothing was updated in most cases. *Now this is set to the zero time automatically*, but only if the *Event duration* is set to *less than 12 hours*.

### — Preliminary stage results with point scoring

With the preliminary stage results, nced competitors were classified in the competition and they got valid points.

— 15.9.2015

## Improvements

### — Entries - Import

**Multidays:** If the entry/stage flag is not set, then the chip number for this stage will be cleared. This is the same behaviour like it is already the case with the manual input in the Entries form.

### — Entries - Import - Pirilä format

The default file extension was changed from .txt to .csv.

### — Competition day - Read chips

Preassignments of the same chip number to multiple competitors are handled correctly now. So far, always (only) the first competitor with a given chip number got the chip contents assigned without any further action. Now OE2010 first looks for multiple assignments. If it finds some, then the start number input dialog will be shown or the chip will be saved into a reserve place, depending on the options which had been chosen.

### — Competition day - Evaluate chips

**Insert missing control for all competitors**

If the course contains the control to be inserted multiple times, then the missing punch is inserted for all these occurrences now. Also, the function supports the mixed code checking now. If the missing punch belongs to the arbitrary controls, then it will be inserted there also.

### — Competition day - Evaluate SI stations

Now this function also allows the new Beacon modes: Beacon Start, Beacon Control and Beacon Finish.

**Notice: Touch free Air+ punches done by the SIAC chips will not be saved into the backup memory of such a station!**

### — Speaker - Online monitor Client Web

For multidays, so far there was the same setting for all stages, but the users normally define one event per day (with different event ids) at the ROC website.

*Now there are separate settings for every stage.*

### — Results

In the official and preliminary results of classes without classification the competitors are sorted by names now.

### — Emit - EmiTag

According to an incomplete specification by Emit, [control codes over 240](#) were treated as codes of a reading device and they [had been changed to 250 automatically](#) when downloading the chip. But if one uses the [EmiTags](#) as a full chip system, the [contact-free time taking](#) (ECB/ETR) writes a punch code of 248 into the chip. When downloading, this puzzled the 250 mechanism which is used for calculating the punch times based on the PC clock time.

Now the SportSoftware [accepts 248 as a normal punch code](#) (no conversion to 250). Also, additional codes which are defined as finish time codes, will not be changed. All others over 240 will still be changed to 250.

**Note:** This is only valid if the [EmiTag is used as the chip for code checking](#), replacing the ECard.

Those additional finish codes had been [displayed in the split time reports as additional punches](#). Now they are not displayed anymore there.

### – Entering numbers by Copy&Paste

Sometimes entries will be entered by [Copy&Paste](#) from a text document or an email message. To select a single word or number, one can [doubleclick](#) it. Usually this selects the desired text plus all the subsequent blanks until the next word or sign. When pasting such a text into a number column like the chip number, there had been the unwanted blanks at the end and OE2010 issued an error message when the user tried to move to the next column.

[Now the blanks will be removed automatically which supports this procedure better.](#)

## Bug fixes

### – Competition day - Evaluate chips (Emit only)

If one switched among 250 read punches, and there was no finish punch, then [a punch with an invalid time was inserted](#) and it could not be removed.

[Insert missing control for all competitors](#)

If the punch to be inserted was the last one, then this [punch had been inserted after the 250 read punch](#).

## – 25.3.2015

## Improvements

### – Entries - Distribute Elite entries

[Chained distribution](#)

I have optimized the algorithm a bit, so that it allows a chained ([hierarchical](#)) distribution over more than one class now. F.ex. entries should fill H21E, H21A, H21B, and H21C in a row, according the rankings. This operation mode is used in Czechia and it may be useful in other countries also.

[Reports](#)

For the reports and the distribution function, there is a [new quick selection](#) option [Relevant classes only](#), which is the default now. This means all classes which have a reserve class defined. In the [selection panel](#) there is the [reserve class](#) column now, so you can sort by that one also.

The distribution report shows the entry class of each competitor now.

### – Courses - Courses

Now [code numbers up to 9999](#) are allowed. So far, they could be imported but not be edited.

### – Start list - Organisation/Draw

The overview tables in those start list functions now [indicate the marked cell](#) in the headers (boxes) at the top and the time column at the left.

### – Overall results multadays

[New point scoring system: Brazilian](#)

This is a special scoring calculation which is used in Brazil. For more details see the [result reports reference](#).

### – Speaker - Online monitor Client

**New option:** [Fix Receive mode](#) (SportIdent only)

To solve possible difficulties with multiplexers or radio controls, you can [fix the receive mode manually](#) now. This also allows to fix the Com port baudrate, and OE2010 will not change this by its own checks. For more details look into the [Online monitor-Client reference](#).

### – Archive - Import competitors

[XML V3](#)

Classes: If [Clear and create again](#) is selected, the [class will be created](#) now like this is the case for the CSV import. So far the class was not created.

### – Filename input fields

The [input fields for file names](#) (f.ex. in import dialogs) [accept](#) leading and trailing [quotation marks](#) (") now.

### – CSV imports

So far, the [CSV imports](#) did always expect a text file with [Ansi encoding](#). However, there are also some web sites which deliver the CSV file in [UTF8-encoding](#). This is automatically detected now and computed correctly.

### – HTML exports

The HTML files had been made more robust for web servers with respect to charsets.

## Bug fixes

### – Entries - Edit

If you selected [View - Layout Pre entries](#), then deselected the Chipno column (or Chipno1 at multadays) to hide it and closed the window, then [it could no longer be opened](#) but aborted with an error message.

### – Entries - Import

[XML V3](#)

The [Ranking position](#) was not imported.  
[Entries without a club](#) were not imported.

### – Startlist - Organisation

In the [right list of remaining classes/courses](#) the additional informational [fields could be edited](#).

### – Competition day - Missing competitors

In the [Missing chips](#) paragraph a competitor who got a finished [status like dnf or mp](#), was displayed with his current [running time](#) from which one could conclude that he was still missing. Instead, the status must be shown to indicate that he must have been in the finish.

### – Results

[Multiday Overall results by classes with point scores](#)

The [overall place](#) had not been printed on labels (-> certificates).

### – Archive

[Report about classes](#)

The [report and label layouts](#) and the [CSV export file](#) did not include the newer fields [Age to](#) and [Classified](#).

[Report about competitors](#)

If a competitor had a class assigned, then the [export to XML V3 aborted](#) with an error message.

### – Archive - Import competitors

[XML V3](#)

The [IOF Id](#) was not imported.

The [competitor's address](#) got somewhat puzzled, the [address fields were assigned wrongly](#).  
The [Ranking position](#) was not imported.

### – Data display

In many cases, [special characters of Eastern languages](#) had been [displayed wrongly](#) in the working form tables, although they were displayed correctly in reports. Now I found a way how to work around that.

## – 18.9.2014

### Improvements

#### – Entries - Edit

So far, a [start number had to be entered](#) if the column was displayed. This had the negative effect that you [never could remove a start number](#) which had been assigned by error, f.ex. for (direct) classes which do not carry start number bibs and there should not be a start number displayed in the start list.

*Now you can remove a start number or leave it empty. There is a confirmation prompt whether you are sure to do so.*

#### – Start organisation by classes or courses

[Multidays: copy start organisation from one stage to another one](#)

The dialog is better to understand now, which stage is the source and which one is the destination of this action. Also, there is a warning, if you are going to overwrite an existing start organisation by that one of another stage.

#### – Competition day - Read chips

The dialog which [asks for the start number](#) of an unknown chip issues a [beep](#) now to attract the operator's attention.

#### – Competition day - Evaluate chips

##### **New feature**

The (running) [time](#) is displayed as a [column](#) in the upper table now. This allows to find extraordinary short or long times easily. F.ex. you can sort the table by times and then set competitors to [overtimed](#) where necessary.

**Notice:** Please click on the button [Reset table layout](#)  to show this new column.

#### – Results - Preliminary results by classes

[Automatic results](#) using option [Changed classes only](#)

So far, the changed classes status had been saved into the event data on the server. This led to problems if there were multiple automatic reports working, and sometimes always all classes were printed.

*Now the classes status is held locally to the report window.* This should work more likely in the way one expects it.

#### – Speaker - Speaker support

The [handling of the finish punch](#) had been improved. Now the [finish punch is always checked as a radio control](#) in the settings panel at the left, and this checkmark can't be removed. This means that finish punches will be always computed for inofficial finish times now, if they are available from the finish stations.

The [maximum of 5 radio controls](#) allows 5 real controls without the finish punch now.

#### – Speaker - Intermediate results

So far, there was some not always understandable [automatic adjustment](#) of a class radio controls layout when invoking the result report. Roughly said, the finish punch had been always deselected and all "normal" radio controls had been preselected if there was none of them selected.

*Now this had become more understandable.* Now the finish punch is computed in the same way like all "normal" radio controls. [All settings will keep always unchanged](#) except when there was no radio punch

selected for the class. In this case, all radio punches will be preselected, and you can customize this. As a consequence of this new behaviour, always [all classes will be provided in the selection table](#) at the bottom. This allows for ex. to upload also those classes without radio controls to a live web service, just to show the finish times there.

### – Extras - Report layouts

**New function** [Repair missing headers](#)

There was a [bug with new report layouts](#), see under **Bug fixes** below. This function repairs all those faulty layouts and displays a report about this action.

**Please run this function once to repair all those report layouts!**

### – Sorting clubs by city

If you [sort a club table by city](#), it will be [automatically sorted by city and club name](#) now.

This applies to all forms where there are these columns, f.ex. [Entries](#), [Archive](#), etc. The [reports by clubs](#) can be sorted in that way as well.

### – Split time and chips reports

So far, the [columns for Clear/Check/Start/Finish](#) had a single character as the header in most languages. This was misunderstood sometimes.

*Now there is a more descriptive text or abbreviation there.*

## Bug fixes

### – Entries - Edit

[Report Start fees by clubs](#)

When printing with option [Seperate pages](#) checked, then there was an [additional empty page](#) printed before the last page which shows the overall sums.

**Multidays:** The [search in the archive by chip number did not work](#) if the chip number had been entered into a stage after day 1. This is especially the case for [direct entries at stages 2-n](#).

*The bug was only in the "normal" entries window, in Entries-Entries of the day it had always worked like expected.*

### – Competition day - Evaluate SI stations

[Set competitors to Did not start at multiday events](#)

The function [computed all competitors who did not enter for the current stage](#) and set them to not started. As a consequence, they appeared as dns on all result reports, although they did not enter for this stage.

*Now non-entered competitors will be left untouched by this function.*

### – Results

[All results by classes or courses](#)

If the option [Exclude dns](#) was checked, then [nced competitors](#) who did not start [were not excluded](#).

### – Speaker - Speaker support

[Zooming the table did not work](#) anymore. *This bug had been caught by the last release because of the Windows magnification fix.*

Invalid and [blank punch times of competitors with missing start times](#) (f.ex. [direct classes](#) with start punch and no predrawn start times) had been [highlighted permanently](#) as new times and you could not clear this marking.

### – Speaker - Prewarning

[Zooming the table did not work](#) anymore. *This bug had been caught by the last release because of the Windows magnification fix.*

[Punch times of competitors with missing start times](#) (f.ex. [direct classes](#) with start punch and no predrawn start times) had been [calculated wrongly](#). As a consequence, they [remained visible permanently](#) as the latest

punches, even after they should have been outside the time slot.

### – Archive - Update from the event

The [customized layout](#) of the archive table at the bottom [was not saved](#).

### – Report layouts

If [new layouts](#) had been added/updated (*\*New\**), then the header line of the old Standard layout got lost.

*There is also a Repair function available for those layouts which had been damaged by this bug.* See under [Improvements](#) above.

## – 18.6.2014

## Improvements

### – IOF ranking Id

#### *New feature*

The [IOF ranking Id](#) is available in an extra column in both [entries](#) and the [archive](#) now. Among others, this allows exports and imports in the [IOF XML V3 format](#) which include both the national database Id and the IOF Id.

**Notice: The IOF Id is not included in the entries CSV export/import formats**, to keep the numerous data exchange procedures working which rely on this format. *Only the CSV format for exports/imports from/to the Archive includes this column.*

Also, this column is [available in nearly all reports](#) about competitors now. Please do not worry when you get a prompt about the new report layout with every entries, start list and result report. Simply do as recommended: remove the old [Standard](#) layouts and rename the new ones. If you do not need the IOF Id in your own customized report layouts, then keep them unchanged. They will keep working as expected.

### – Windows Magnification

With the [Windows magnification](#) of WinVista/7/8 you can scale your screen output so that it will become better readable. Nowadays this feature is often used at new notebooks with 15" monitors and high resolutions which formerly had been available for 24" monitors only. But then some windows of the SportSoftware got puzzled. Some examples are the main window of OEHeats and the functions for manual input of finish or radio times.

So I did the huge work and examined every single window in every application for that. Also, for the better readability, Windows had introduced a new default font with Windows 8.

*Now the SportSoftware scales everything in the right way and it will use the customized default font if there is a magnification higher than 100%.*

### – Open SSL Heartbleed vulnerability

OpenSSL had committed and fixed a vulnerability bug named [Heartbleed](#) in their lib. See f. ex. at [www.heartbleed.com](http://www.heartbleed.com). The SportSoftware uses this library for the SSL email and FTP functions. The updated DLLs had already been included in a new setup dated of 14.4.14 and they will keep unchanged in coming releases until there will be a new vulnerability issue... ;-)

### – SportIdent support

The SI tCard is supported now. **Notice:** To read them correctly, the master station must be driven in [Extended mode](#).

### – Emit support

The [MTR5](#) device is supported now for both EmiTag and ECard.

### – Reports

The [output to HTML](#) had been improved. Now the [link list](#) for classes, clubs, etc. at the right edge is [hidden](#) by

default. It becomes visible when you move the mouse over the button [Select class](#) and so on at the top right.

### – Event - Backup

So far the button [Create file name automatically](#) created a time stamped file in the subfolder [Backup](#) of the application's [settings root folder](#). Now the time stamped file will be [created in the folder which is shown in the input field](#), which should give more flexibility, f.ex. to save those files directly to an external drive.

### – Entries - Edit

So far, a [start time had to be entered](#) if the column was displayed. This had the negative effect that you [never could remove a start time](#) which had been assigned by error, f.ex. for (direct) classes which have a start punch and there should not be a start time displayed in the start list.

*Now you can remove a start time or leave it empty. There is a confirmation prompt whether you are sure to do so.*

### – Entries - Import rankings

#### *New feature*

The import supports the [IOF ranking file \(CSV file\)](#) now. This can be downloaded from somewhere on the IOF web site. If you are using this, please read the description of the identification in the [Import rankings reference](#) first.

### – Num1,2,3

The number range of these fields had been enhanced from 7 to 9 digits.

### – Speaker - Radio controls

#### *New feature*

A new function [Export Radio control definitions to XML](#) had been implemented. This file can be used by online result services in the web to be able to prepare their framework before the event. The first service which needs (and had initiated) this feature is the Swedish [EmmaClient/OBasen-LiveResultat](#).

### – Results

#### [Automatic scrolling of Automatic results](#)

if the automatic Refresh interval was too short to allow the results to scroll down to the end, then the report was refreshed and began to scroll from the beginning, so that the rest of the report could never be seen at all. Of course in this case one should enlarge the Refresh interval to allow to scroll to the end. But this would require to adjust this value during the race from time to time because the result report will get longer and longer.

Now the automatic scrolling has priority over the refresh interval. That means, the report will always scroll down to the end before the next automatic refresh will be executed. Also, the report will always be refreshed when the automatic scrolling restarts from the beginning.

The [CSV export](#) of the overall [point scoring results](#) includes the points of every competitor now.

## Bug fixes

### – Editing in tables

If the cursor was [focused](#) on a column with a [lookup list](#), f.ex. class or club, then the [class or club had been modified unwantedly when scrolling with the mousewheel](#).

*Now the mousewheel does always scroll the table. It scrolls a lookup list only if this list is pulled down.*

### – Report layout graphics editor

When opening, the graphics editor [did not display the page](#) sometimes, due to an internal exception.

### – Entries/Direct entries

In [EOD mode](#), the [cursor for resizing the column widths got lost](#) after one moved the mouse over the EOD panel at the bottom of the entries table.

### – Competition day - Evaluate chips

#### Function Move chip

When moving a chip from one competitor to another one who already had a wrong chip, in some cases the punches were not moved and the source chip got lost.

When moving a chip to another competitor who did not yet have one, the start, finish and running times were not calculated.

### – Overall results of Multiday events

If a stage had been cancelled for a class, then there was no overall result of the remaining stages of this class.

## – 14.2.2014

### Improvements

#### – SportIdent: Improvements

Now the newest status of the SportIdent API is implemented. This means the internal handling of the newer SICards 8,9,10,11 and SIAC. *So far they had been handled as SICard6, using SportIdent's backward compatibility mode.*

SportIdent pCard is fully supported now.

SIAC together with SI Air+ deliver the start and finish punches with a resolution of 4ms. OE2010 truncates them in the correct way according to the time format settings, in the same way as the time taking functions.

Downloading the backup memory of master stations had been streamlined to be able to cover all those special cases which have to do with different firmware versions and different station settings like 192 punch mode and Extended protocol.

#### – Emit: EmiTag supported

##### New feature

Now the SportSoftware supports the touch-free EmiTag system from Emit. EmiTags can be used for timing and radio punches only in addition to the normal ECard for punching. EmiTags can also be used as a fully touch-free punching system, which is allowed for Ski O and MTBO. All relevant devices are supported (ECU reader, MTR5, ETS, ECB).

#### – Publishing reports to html files

The layout of the output had been improved. With option *Seperate pages unchecked*, you get the complete report in a single file. Now there is a jump list at the right edge of the browser window where you can click on the class or club which you want to view.

With option *Seperate pages checked*, all page files will have this jump list and there is no link start page anymore.

This feature applies to all entries, start list and result reports by classes, courses, and clubs.

#### – Sorting competitors by names

If you sort a competitor table by names, it will be automatically sorted by last name and first name now.

This applies to all forms where there are these columns, f.ex. Entries, Archive, but also Evaluate chips, etc. The reports by competitors can be sorted in that way as well.

#### – Courses - Courses

Report Competitors per control This report includes an additional column for the number of competitors who have the control as the first control now.

#### – Start list - Draw/Late start

Competitors/Teams who are starting out of the competition will be marked by nc in the beginning of the name, like this is the case in the start list reports.

### – Start list - Draw

**New feature** There is a new option available for the [Separate clubs](#) function. Now you can select between [Separating from the end to the beginning \(Last to first\)](#) and the [reverse direction](#). It is even possible to use the opposite direction in a second step to separate remaining competitors who could not be separated by the first direction.

This new solution is more straightforward than the previous solution, and it [fulfils some national rules](#) completely, since it is [always working in a single direction](#) only. The old solution, which did not have this option, was a mixture of working in both directions and sometimes there were surprising results.

There is also a [new paragraph](#) about [Consecutive starters of the same club](#) in the [Validate start list draw report](#), which shows those competitors who are still not separated.

### – Competition day - Evaluate chips

#### **New feature**

If you have the [same control multiple times](#) in the course, and (only) the first of them is missing, then the [numbering of the correct punches gets somewhat puzzled](#) since OE2010 takes the next (existing) punch of this control as the correct one. There are also other situations where the wrong and correct punches can't be displayed in the right way.

[Now there is an additional function available](#) called [Hide codechecking](#). This removes the numberings, so that you have all punches just in order and you can compare more easily to the correct course displayed at the right. You find this function in the [context menu](#) (right-click) of the punches list, together with the functions to add/insert/delete/edit punches.

## Bug fixes

### – Entries/Direct entries

If there were [no clubs](#) entered yet or only additional clubs with [club numbers higher than 90000](#), then the validation of the option [Use archive club numbers](#) went wrong.

### – Entries - Start fee reports

The column [Xtra start no](#) was [missing in the report layouts](#) and therefore not displayed in the reports.

### – Competition day - Reading device backup

When inserting chips to pre-entered competitors, [OE2010 hung](#) sometimes. This happened if the [courses were preassigned](#) to classes and there were no individual courses.

### – Competition day - Read Chips

If there was a course using [mixed code checking](#) and there was only a single missing control, then the competitor had [always been classified as dnf](#).

[Like with normal courses, this should only be the case if there are 5 or more punches missing in a row from the fixed course.](#)

### – Competition day - Read Chips - Registration

Even if there was no archive used, then the button [Insert club from the archive](#) was visible in the [competitor registration panel](#). Clicking on it threw an exception.

### – Competition day - Evaluate chips

The [Restore record](#) button [did not work](#).

### – DBIsam lock files

In the dialogs to [select](#) or [delete events](#), you can select a new event data root folder in the folder listbox. This created a (hidden) DBIsam lock file in every subfolder, no matter if there were really event data saved.

[Now lock files will be created in real event data folders only. If an old unnecessary lock file is found in a folder, then this file will be removed.](#)

– 9.10.2013

## Improvements

### – Speaker - Online monitor client Web

Made it a bit [more stable](#), based on the first experiences with this function and [ROC olresultat](#). Fixed a minor mismatch with the ROC specification.

[Added the missing Swedish translations](#) which have to do with this function.

## Bug fixes

### – Speaker - Online monitor - Server

With heavy workload at high frequencies, the server was [not stable enough](#).

[Now there is one more check implemented to achieve this goal.](#)

– 30.9.2013

## Improvements

### – Entries/Direct entries

The option [Use archive club numbers](#) belongs to the application (means the local PC) and not to the event data. On the competition day, there will be additional PCs for editing (direct) entries, which had not been used before with the event data. It may happen that this option is set wrongly on those PCs which may lead to mistakes if new clubs will be inserted.

[Now there is a check whether the setting matches the actual data situation. If the setting seems to be wrong, then you will get a prompt to change this.](#)

### – Entries - EOD mode/Direct entries

If you had defined [maximum numbers](#) for the direct classes (f.ex. numbers of maps prepared), then this number will be shown in the bottom panel together with the current number of competitors in this class. Now there is some [visual signalling](#) implemented, so that you become aware when the number gets near to the limit. [Green](#) means OK, [Orange](#) means only a few left and [Red](#) means above the limit. For more details see the [Entries](#) or [Direct entries](#) references.

### – Start list - Organisation Classes/Courses

[Search class or course](#) If there are also other classes on the same start time of the class which had been searched, then so far OE2010 displayed the right start box and time, but only the first class at this time, which was not necessarily the class which had been searched for. [Now it shows always exactly the right class.](#)

[Adjust start times](#) Added a prompt to confirm this action, since sometimes users had destroyed their start list organisation accidentally by this function.

### – Competition day - Evaluate SI stations

[Set not started competitors](#): Now [competitors without any chip assigned](#) (who can't be in the check stations at all) will also be set to not started.

### – Speaker - Speaker support/Prewarning

[Zooming](#) the table now [zooms the top panel](#) with the selection listbox for classes or controls also.

### – Speaker - Online monitor client Web

#### *New function*

This is a function which collects the radio punches from a web server. Some radio punch systems collect the radio punches from the control stations and then send them to a web server. From there they can be downloaded using this function. Currently the Swedish system *ROC olresultat* is supported.

### – CSV exports of punch times

In *CSV exports* of punch times, the initial *header line had been terminated* at the end by *(maybe more...)* to avoid unnecessary long header lines. *Now all columns get the right (numbered) header to make the life of Excel workers easier.*

### – Time taking - Microgate

There is a *new additional protocol* for the *MicroGate RaceTimer2*, which is supported now.

### – XML exports

The XML exports to *UTF-8 format* which had been introduced with the last release *did not work correctly* with all international character settings. Now I implemented a solution which computes the *actual Windows language setting*.

## Bug fixes

### – Start list by clubs

If there were teams in the club and the sort order of competitors was not by start times, then the *teams appeared multiple times in the list*, one time for every team member.

### – Calculating Voided legs

If the *leg to the first control* had been voided, then there were *strange running times*, mostly 0:00. *This bug had been introduced by some internal changes with the last release.*

### – Multiday overall results

With *Preliminary results*, there were always *all competitors included*, also those who did not yet have a result of the current stage. *Now they are not included here but only in the official results, to show day results of previous stages.*

Competitors who had *dns for all stages, were never included*. With the option *Exclude dns* selected, those competitors who did not start at the current stage, were not included, which is *wrong* here. *Now the dns flag behaves in an analogical way to single day results: only if a competitor did not start at all stages, then he will be considered as dns and he will be displayed or not according to the option Exclude dns.*

### – Handling of teams in exports

Teams are represented in different ways in reports, depending on the context. In entries reports, the team members are listed individually, while in start list and result reports there is a single line for the whole team and the team members are displayed together in the name column. *The data in the export files did not match the report output in this matter.* This has now been corrected.

### – Competition day - Start interruption

The function did not work anymore since the start box selection was handled wrongly internally. *This bug had been introduced with the enhanced start box display of the selection listbox by the version of 21.6.2013.*

### – Help - Check for updates

The *destination path* for the downloaded files was *not saved* and restored in all cases.

If the *destination path* for the downloaded files *included extra characters* or blanks, then the files were downloaded but *not installed*, and the function terminated with an error prompt.

### – Incremental search

The [incremental search](#) function in the [working forms](#) did not work if the cursor was in a [checkbox](#) column. *I have implemented a workaround to fix that: the cursor will jump into the previous (left) non-checkbox column.*

### – Printing reports to PDF

If the [destination file was in use](#), f.ex. opened by a PDF reader, then the [report could not be saved to this file](#) but there was no error message. *Now there is an error message in this case.*

[Lines](#) had been drawn at the [wrong position](#), f.ex. the lines of a start list report by start times.

## – 21.6.2013

### Improvements

#### – Handling of teams

**New feature** Now you can handle teams in OE2010. This feature had previously been available in OEScore V10 only. Read the [task based description](#) and the [entries help](#) to get a first impression how this works.

#### – Emit backup labels

**New feature** The [Emit backup label](#) of a competitor can now be [printed on the split time sheets](#). With an event running with Emit, you see an additional button in the [label layout editor](#) to insert this label. This works in the same way like a picture. There is also a [new sample label layout](#) which has the Emit backup label included.

#### – Speaker - Speaker support

For a better overview, the [running times](#) of those who did not yet pass a radio control or the finish, are displayed in [gray colour](#) now.

#### – Start list report by start times

The [start box selection](#) listbox now [displays the classes](#) of each start box, in addition to the start box number. This selection is also available in the [Competition day - Start interruption](#) function.

#### – Competition day - Reading device backup (SI)

With firmware 5.80, SportIdent modified the backup memory structure used for saving SICard10/11/SIAC in a way which is not backward compatible as usual.

*Now both possibilities are supported.* However, everyone is asked to update the master station firmware to 5.80, as this will save memory space for those newer SICards.

The [Download SI station backup dialog](#) now indicates whether the station is working in [192 punches mode](#) or not. *However, the SportSoftware still supports 64 punches per chip only.*

#### – Checking the license limits

If you [come close to the limits of your license](#), then you will get warnings if only a few free places are left, until finally OE2010 refuses access to the event data after you had exceeded the limit.

If this [happens during a competition](#) with many entries on the day, then this means that [you can't do any further work](#) with your event until you get a higher license from somewhere. (But via the online shop you would receive the license only the next working day...)

*Now the processing had been improved so that you will be able to continue in this case.* You will be asked whether the latest entries should be removed so that you get back to below the limit and you can continue working with the existing entries (**only**).

#### – Printing reports and labels to PDF

The 3rd party library which I am using for PDF printing does not support [clipping](#) (cutting the output if it is too large for the space available). So a long text was mixed with the next column or the neighboured label field. Now I have implemented a workaround which is not 100% perfect but it helps much.

### – Upload files to web servers

**New option** The file upload function now supports secure connections using TLS/SSL encryption.

### – Send Emails

**New option** The send emails function now supports secure connections using TLS/SSL encryption.

### – XML exports

All XML exports are now saved in **UTF-8 format** which is independent of any Windows language setting.

*BTW: UTF-8 is also the preferred format for imports.*

## Bug fixes

### – Speaker - Intermediate results

The column for **YB** was missing in the report layout.

For **NCed competitors** the time was not displayed when sorting by end time.

### – Report layout editor - Graphics editor

When inserting a new picture and then **selecting a graphics file** from the file list, the application hung.

When trying to **reset a picture to the original size**, the application hung.

*Both bugs had been introduced with the previous version from 25.3.2013.*

### – Label layout editor

When trying to **reset a picture to the original size**, the picture was sized wrongly.

*This bug had been introduced with the previous version from 25.3.2013.*

### – Competition day - Missing competitors report

The **numbers of competitors** in the class table was **counted wrongly**. The overall number per class included the vacant places (wrong), while the number of missing competitors did not include them (correct).

## – 25.3.13

## Improvements

### – Digital code signing certificate

The SportSoftware is now **protected by a digital code signing certificate**. This means that you can be sure that this is my original program and that no 3rd party application (f.ex. aggressive virus scanners) had changed the program files. You may also notice that there are no warnings issued by Windows when installing the SportSoftware.

Only **Win XP will not issue warnings** in case of a damage. To verify that you still have the original program file, you have to view the file's properties and check the digital signature.

### – Design

As you see, I had changed the design of the main form, since I have a logo now... :-))

### – Club name field

The club name field had been **enlarged from 10 to 16 characters**. This will solve some naming issues especially in German speaking countries.

### – Automatic reports

Now there is an **interval of less than 10 secs** allowed. In this case, you have to confirm this.

### – Printing labels to PDF files

**New feature** In addition to printing the reports to PDF files, now you can [print the labels directly into PDF](#) files also.

### – Printing reports to PDF files

Improved the output quality by solving some scaling issues.

### – Send emails function

**New feature** Now you can also [send PDF printouts or PDF labels](#). F.ex. the latter option will allow you to send the split time sheets or certificates to every club after the race. (Which would save you much paper...)

### – Multidays: handling of chip numbers vs. entry flag per day

Sometimes there were problems with competitors who [did not enter for all days but had a chip number](#) entered there, f.ex. the EOD (direct entries on the day), for which the same rent chips may be distributed to different competitors. Now this had been streamlined and OE2010 behaves as following.

**Editing entries** If only a single chip number is given (for the first stage), then this is copied into all stages with the entry flag checked (only). The chip number is cleared for all other stages with no entry flag.

**Imports** The delivering 3rd parties are responsible that the fields are filled in the right way. OE2010 does just import what is given in the import file. **Special Finnish import:** since this import file delivers a single chip number but the entry flags per stage, the chip number will be inserted in the same way as in the Edit entries function.

**Read chips/Reading device backup** If there is a chip assigned to a non-entered competitor (manually), then this competitor will be set to entered for this stage.

**Evaluate SI stations** If there is a check or start punch found of a chip whose owner is non-entered, then this competitor will be set to entered for this stage.

The situation described for Read chips/Device backup and Evaluate SI stations above, can only happen if there was an entries import which included the chip number for a non-entered stage. If the entries had been entered manually, then there will be simply unknown chip in this case. (So you know what to do...)

### – Multidays: Chip rent fee

So far for multidays the predefined [chip rent fee](#) had been defined as [for the whole event](#).

**This has been changed now.** The fee is now defined as [rent fee per stage](#). If a competitor has checked [Rented](#), then his personal rent fee is calculated by the predefined fee times the number of stages, for which he has the entry flag set.

This concerns the start fee reports and the accompanying exports. **Multiday organisers should check this out carefully and set the rent fee in the right way!**

### – Edit entries (multidays)

**New function** [Copy chip numbers](#)

Sometimes you don't preenter the chip numbers but assign them in the finish at the first stage. This means that they will not be assigned to the subsequent stages automatically. Another scenario is that at the first stage a competitor comes with a different chip number than pre-entered and he will use this new chip for all stages.

For this purpose this function had been (re-)introduced, which had been formerly available with MT2003. It copies the chip numbers of all competitors from the current stage (set in the entries window) to the subsequent ones, but only where the competitor has the entry/stage flag set and no result yet. You can choose whether existing (different) chip numbers should be overwritten or not.

### – Courses - Import courses

Added support for the new [IOF XML V3](#) format. This will import also [replacement codes](#) now.

### – Start list organisation by classes

The [course and the first control](#) of the class are [displayed in the class panel](#) at the bottom now. This information is included in the overview [report](#) also.

### – Start list organisation by courses

The [first control](#) of the course is [displayed in the course panel](#) at the bottom now. This information is included in the overview [report](#) also.

### – Start list draw

#### **New option** [Separate club automatically](#)

This option is activated by default. It means that the Separate club algorithm should be processed after a start list draw automatically. Of course, you still have the possibility to uncheck this option if you don't want to separate competitors of the same club.

### – Competition day - Read chips

#### **New support** of the [Emit code 99](#).

Emit controls add a 99 punch on the chip if the control's battery is running down. [There is now a message in this case](#).

#### **New option** [Unknown chips: ask for start number](#)

This reintroduces the direct input of the start number for unknown chips, which is known from V10, for those who find this method easier.

### – Competition day - Evaluate chips

#### **New feature** [Automatic refresh](#)

By option, you can have the table updated automatically now. This will especially help at large events, where you have operators at the crying wall working with this function continuously. This works in the same way like automatic results.

#### **New support** of the [Emit code 99](#).

If a code 99 occurred, then there is a [message in the status field](#) left of the punch list. Also, there is a [new report](#) which gives a list of all code 99 punches.

#### **New feature** [Emit backup label](#)

For Emit, there is an additional panel which displays how the backup label of the competitor should look like.

### – Split time results

#### **New support** of the [Emit code 99](#).

[This code is not displayed anymore in split time results and split time sheets](#).

### – Speaker - Speaker support

**New feature** Now [running intermediate times will be displayed](#) for those competitors who did not yet punch at that control, like in the time column. This means you can sort by an intermediate time column and see the nextcoming competitors like for the overall time.

For a better overview, the [sorting columns are highlighted](#) in green colour.

The [leading time](#) in every column is [highlighted](#) now.

#### **New option** [Clear highlighting after](#)

Automatic [highlightings](#) of new punches/times will be [cleared automatically](#) after the period entered into this field.

#### **New function** [Clear invalid intermediate time](#)

Due to mispunch, sometimes an invalid intermediate time can appear in the table which puzzles the speaker. So far, you had to remove this with the manual input function. Now you can clear such times directly in the speaker window by clicking on that time.

### – Speaker - Prewarning

Added two **new display options**: [Scroll automatically](#) and [Quick result for last punch automatically](#).

The names of these options are self-explaining and they will be a great help for the speaker.

Added a [column for time behind the leader](#). This is an optional column and you can display/hide it via the table layout menu.

The [leading time](#) is [highlighted](#) now.

#### **New option** [Clear highlighting after](#)

Automatic [highlightings](#) of new punches/times will be [cleared automatically](#) after the period entered into this field.

#### Multidays only

Added [columns for overall time](#), [-place](#) and [-time behind](#). These columns are only available for multiday events after stage 1. You can display them via the table layout menu if you open the prewarning window for the first time at a multiday event.

**New** Quick result [option Overall results](#). If checked, then the quick result shows the overall result instead of the day result.

#### – Speaker - Intermediate results

So far, the settings which radio controls should be displayed per class, had been saved into a single section of the report window settings. This meant that if you [displayed a result of another event](#), then the [settings had been reset](#) for the new event. So you could not switch between several events and display their speaker results with the right customized time column layout.

*Now the settings are saved on a per-event basis, so that they won't get lost.*

#### – Speaker - Intermediate results (multidays)

##### **New option** Display overall times

Like in the speaker window, you can choose between displaying the times of the stage (default) or displaying the overall times.

**The CSV export file structure has changed.** Now there is an additional column for overall time. The overall time and the stage time are always included. Following the context from which you exported the file, the intermediate times and placings show the overall or the stage times. For single day events, the same structure is exported and the overall time column will be empty.

The fields of the [XML export](#) files will be filled accordingly.

#### – Speaker - Online monitor client SportIdent

The processing of [punches](#) being sent multiple times from the [SRR](#) dongle/stations had been improved and made more robust.

#### – Speaker - Biographies

##### **New** flag VIP

You can check this flag for VIPs (**V**ery **I**mportant **P**ersons). Those VIPs will be highlighted in a special colour in the [speaker](#) and [prewarning](#) windows, independently of their performance. So the speaker will be reminded that he has to talk about them.

#### – Time taking

Now the buttons to [assign the competitor](#) to another time are available with the sort order by times, in addition to the former restriction to input order.

##### **New function** Swap times

So far, the move buttons only moved the competitor to the next free unassigned time. Now there are two additional buttons which swap two neighbored (already assigned) times.

## Bug fixes

#### – Automatic reports

An automatic report window had been [moved to the top](#) of all open windows when updating its contents. This had been annoying if you had multiple overlapping automatic reports open simultaneously.

*This had been implemented due to a bug fix in the beginning of V11. Now I found a better solution which behaves more smoothly and keeps the windows' order on the screen. This means that you are able to work in a working form like Evaluate chips while the reports are updated in the background.*

#### – Printing reports to PDF files

If [Seperate files](#) had been selected, then the function [did not create a new file](#) for the second paragraph (i.e. new class or club), if the first paragraph filled the whole page.

If [Seperate files](#) had been selected, then [old files](#) from previous exports with the same file names but higher file numbers [were not removed](#).

### – Setup: Registry values

Sometimes certain [Windows](#) setups complained about [registry values being not of the right type](#). These are settings which are required for network operation. The SportSoftware works both with the new modified values and their previous alternatives.

### – Exports of reports

If the [export file pre-existed](#), the export wrote the temporary file but [did not copy it to the destination file](#).

### – Report graphics designer

The [context help](#) of the designer [did not work](#).

### – Import courses

With the XML format, course lengths lower than 1000m had been [imported wrongly](#).

### – Start list draw

When [distributing start numbers](#) to classes/courses [seperately](#), then there was [no hint about multiple start numbers](#) caused by this action. This was especially annoying at multadays, where you don't see those competitors in the class tab who are not entered for the stage (but they got start numbers...). [Now there is a check for the class/course only](#). If there are errors with the start numbers of this class/course, then you get an error prompt and the check report will be displayed automatically.

### – Competition day - Evaluate chips

The [cursor movement was too slow](#) in the input fields for times and comments.

### – Time taking functions

After having [entered a time manually](#), the start number and the time [fields had not been cleared](#). [Now they are cleared after posting, to indicate that the operation was successful and to avoid multiple inserts of the same time](#).

**Report:** When [refreshing the selection table](#), then part of the content had been removed.

## – 20.12.2012

### Improvements

#### – Printing reports into PDF files directly

All reports have a **new feature** now: [print to PDF](#). Now you can print the report directly into PDF files. So far, this is possible only for reports. Printing labels into PDF is still on the list.

#### – Check for updates

**New function** Now you can [check for updates and download them directly from the application](#). Normally the setup and the translated help files and PDF handbooks will be offered. There is also some automatic check from time to time.

When [selecting the language](#), the [help file will be checked](#) whether there is one available in the language selected and whether it looks outdated. If reasonable, you will be offered to download and install the updated files.

#### – Exports of reports

Exports will first [write into a temporary file](#) now. At the end, the file will be renamed to the original name. This [prevents](#) 3rd party components, which are continuously polling for new versions of export files, [from lock-outs](#) caused by the Windows file system.

## Bug fixes

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### – Common dialogs

Some common dialogs (f.ex. Select event) can be [resized](#) but the [customized size was not saved](#). Instead, the dialog always displayed with the original size.

*Now the customized size is restored.*

### – SportIdent SIAC

Some [online punches](#) from SportIdent [SIAC](#) could not be computed because of an overflow of the code number.

*There was a SI-internal change in the specification which had now been implemented.*

– 27.9.2012

## Improvements

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### – Help file

The release notes had been moved from the Readme.txt to this topic of the help file, for a better overview. Introduced a *new topic* [Optimizing network performance](#). You can find this as a subtopic of [Working in a network](#).

*I ask you urgently to read this carefully!*

### – Start list report by start times

If some [start places are selected](#), there is now a [check](#) whether all classes have the start place entered. You will get a warning if this is not the case.

### – Multiday events with partly chase starts

At many multiday competitions only a [part of the classes have a chase start](#) and the others not. The start list of the latter for the last stage has to be drawn in advance. So far, this made some circumstances because the [normal start list draw menu items had been disabled for the last stage](#). So you had to switch on and off the chase start flag all the time.

*Now always all start list options keep enabled.* In the start list organisation by [classes](#) or [courses](#), the classes/courses with chase start will not be displayed. In the respective [start list draw](#) functions, you get reasonable messages which indicate that a class is performing a chase start. Those classes must be available here because you should be able to assign Xtra start numbers for the chase start.

### – Club results

At large events with much load on the server (speaker), the club results and all results derived from that (f.ex. press) took very long over the network due to write access to the server database. This had now been optimized so that those reports take appr. half the time.

### – Speaker intermediate results

In difference to the standard behaviour of the reports, the [class selection](#) is always restored into the last used state. With standard reports, a maximum of 10 selected records will be restored, otherwise all records will be selected.

### – Support of IOF XML V3

The [exports](#) of [entries](#), [start lists](#) and [result reports](#) now support the [new IOF XML V3 standard](#) which had been released this year. You may investigate whether any 3rd party where you export one of these reports to, already supports the new standard. If yes, then the XML V3 export format should be preferred against the older XML V2 and the CSV format.

### – Issues in busy networks with Win7 and WinServer 2008

There had been reported problems in networks with Win7 and WinServer 2008. Together with some experienced users, mainly the organisers of Fin5 and WMOC 2012, I dugged deeper into the problem. The result is a small setting changed in OE2010, some new registry settings done by the setup, as well as a list of things to do (optionally), which is now included in the help file. You find this in the new topic [Optimizing network performance](#). *I ask you urgently to read this carefully!*

### – DBIsam database lock files

The lock files had been renamed to SportSoftware specific terms. This makes it more likely that aggressive virus scanners won't touch them. However, this can't be guaranteed...

## Bug fixes

### – Report selection

When clicking on the *Refresh table* button at the left bottom of the selection table, the *previous selection had been kept or not*, depending on whether the *Select/Deselect all* button had been used before. *Now the selection is kept in all cases. There may be special reports where there is a different behaviour.*

### – Main menu stage selector

In network environments, the function *windows opened with the wrong stage* (different to the one displayed in the main menu) under certain circumstances. Among others, one main reason was that nobody did work on the server PC locally which meant that the default stage had always been kept at 1. *Now the stage is saved locally (network clients only), so that the (local) display in the main menu will always match the actual setting.*

### – Start list - Organisation by classes

Accidentally there was an *empty Overview report*.

### – Startlist - Organisation/Chase start

There was *no validity check* for start place and start box. *Now this is restricted to 4 digits -> <9999.*

### – Start list - Draw

With multadays, the *stage selector* had not been displayed correctly with its spin bar buttons. Thus, the stage could not be changed within the form.

### – Start list - Chase start

The chase start calculation *mixed the vacant places* among the not qualified. *Now they are always sorted to the end of the start list of the not qualified.*

### – Automatic detection of dnf

If a competitor *did not punch any control*, then he was left mp instead of being set to dnf.

### – Prize giving

If all competitors of a class had started but so far *no one finished*, then the class was *marked as Ready* for the prize giving.

### – Split time results

If a course had *mixed code checking* and the *Emit* chip system was used, then the time stamp of the *250 reader* had been displayed as an extra punch.

### – Reports by competitors

In various *reports by competitors*, f.ex. entries, start lists and results, the *reserve places were available* in the

selection and therefore displayed if all competitors were selected.

### – Speaker intermediate results

The [selections](#) and the settings for the [controls](#) were [not always restored correctly](#).

**Notice:** *The selection and the controls settings are saved locally and only if the report had been updated using those settings. So clicking the Refresh button of the selection table will reset it to the settings which had been used for the last report update.*

### – Missing competitors

The report [included the reserve places](#) which are not interesting here.

### – Import courses

A [startpoint code](#) of 10 had been imported as blank. There were more potential issues with alphabetic characters in the startpoint codes like they are delivered by Condes and OCAD.

### – Prewarning

The default height of the window was too high for 1024x768.

## – 3.7.2012

### Improvements

#### – Entries

[Enlarged the class long name to 50 characters](#), to cover special requirements in UK.

#### – Edit Entries - Reset to vacant place

This function now [resets the start fee to no start fee](#) to avoid confusion with subsequent actions. The same happens when modifying an entry to vacant manually.

#### – Entries import - Finnish format

Added support for a [format change](#) of the [IRMA](#) entries service.

#### – Start list organisation by classes

The list of [remaining classes](#) now displays the [course](#) and the [first control](#). The list can be sorted by those columns which may provide you a more suitable overview.

[You can filter the table by the start place now](#). If you select one, then only the classes and start boxes of that start place will be displayed. Dragging a class into a start box column with preselected start place will set the start place automatically.

[Startplace\(s\) will be displayed in the header of the start box column](#) together with the start box number.

Now you can [drag and drop the start box columns](#) to rearrange them.

The [check start list organisation report](#) has been extended by three new paragraphs: [Classes with the same course](#) (not only the same 1st control), [Missing start places](#) and [Multiple start places](#) within a start box.

***Be sure to study the context help of this function to get the most out of these new features!***

#### – Start list organisation by courses

The list of [remaining courses](#) now displays the [course no.](#) and the [first control](#). The list can be sorted by those columns which may provide you a more suitable overview.

Now you can [drag and drop the start box columns](#) to rearrange them.

#### – Report Start list by clubs

As a ***new option***, [competitors](#) can be [sorted by start times](#) within the club now.

### – Competition day - Evaluate chips

When trying to [exchange a chip](#), and the destination competitor does not have a chip, you get an error message and the focus remains on the (faulty) destination competitor. This appeared as being not much helpful. Instead, now [the focus returns back to the source competitor](#) which seems to be more useful in this situation.

### – Results - Automatic result print service

**New function.** Using this result print service function, you can offer a [print service point](#) at your competition, where the competitors can get instant results and their own split time sheet, using their chip as the key.

### – Results - Split times

Added a [new label layout](#) which is suitable for [receipt printers](#) which cut the paper after the last line printed.

### – Speaker - Online monitor client - SportIdent

Added support for the new [SRR dongle](#). It is now recognized correctly and the client window will switch to receive mode in this case.

### – Speaker - Prewarning

The [Zoom setting](#) now applies to the [Quick result table](#) also.

The [header](#) of the Quick result panel now displays the [numbers of the competitors](#) also (how many passed vs. all).

[Indicating that a punch does not belong to a competitor's course](#) (mispunch) had been made somewhat clearer. Now there is a question mark (?) for the control number and the quick result will display an appropriate error text.

### – Various imports of competitors or entries

Since [negative or zero chip numbers](#) are not allowed, such a faulty number will be [set to blank](#) (no number) with the import now.

### – Code checking

If 5 or more subsequent punches are missing, then the competitor will be [set to dnf automatically](#) now. This happens at every time a chip is inserted into the system, f.ex. at [Read chips](#) or [Download backup](#). This also happens when running the Repeat code checking or Insert punch actions in [Evaluate chips](#).

### – SportIdent

[Updated the recognition of the station type and function](#) to the newest specs from SI. This is f.ex. important for the new SRR stations and dongles. Also master stations will now be recognized correctly as BSM7/8 compared to formerly BSF. See the [Download SI station backup](#) dialog and the [speaker client](#) window.

Added support for [SICard10/11](#). So far this had been accepted only if the master station was in non extended mode. Now this is also supported in extended mode.

### – General: automatic window position recovery

At large events, some users are using [multiple monitors](#) with the same PC. For this you can launch OE2010 multiple times and display the different instances on the different monitors for special tasks. Some people even moved the report layout editor to the [secondary monitor](#). However, if you launched OE2010 the first time after having disconnected the additional monitor(s), it could happen that you did not see anything because OE2010 restored its main window at its last used position which had been on a former secondary monitor. So far, you could only fix this by either reconnecting this monitor and dragging OE2010 into the main monitor or by editing the Ini file. The same happened to such standalone modal windows like the report layout editor.

[Now OE2010 detects such cases and it will shift and resize a "lost" window automatically so that it will be visible on the main screen.](#)

A similar situation may happen to the working or report windows which may get moved out of the visible part of the main window for some reason. In this case, the top and left coordinates of the window will be adjusted automatically if less than 20% of the height or width of the working window are visible when reopening it.

## Bug fixes

### – Entries - Edit

Having entered 0 as the chip no, OE2010 issued an internal error.  
*Now there is a more descriptive message.*

### – Report Entries-Entries by competitors

The start time column in the selection table was not displayed in the right time format at the beginning.

### – Entries - Import special format (Finland)

The dialog did not open the right context help topic in all languages except German.

### – Start lists report by start times

If you had done the start list draw by courses at a multiday event, then the start list by times of stage 2 and higher did include the competitors from start box 1 only.

### – Speaker - Radio controls

If you have classes with individual courses, then you have to assign one of the individual courses to the class. Otherwise you are not able to define a radio control for this class. OE2010 had accepted the input of the code number, but there were no radio controls inserted for the respective classes. And if the radio control was only on the individual courses, then it had been removed from the list as a whole.

*Such controls can still not be inserted, but now there is a warning in this case.*

### – Speaker - Intermediate results

When attempting to print a result on labels, there was an exception and the printout was aborted.

### – Uploads to the web

Sometimes the upload seemed to hang if the destination folder was not found.

### – XML V2 exports

Some class oriented lists did not export the ClassId. *Now always the ClassId will be exported together with the ClassName.*

There was wrong spelling of competitor status OverTime in results, which caused f.ex. Swedish Eventor to abort the upload.

## – 3.4.2012

## Improvements

### – Entries - Import classes

**New function.** Actually this is the same function as in *Extras-Import classes*. This function had been extended to support the IOF XML format now. There are already some web sites which offer this format for download. This means that you need to define the classes at the web site only once and then you can import this into OE2010. For this reason, this import is now also available from the Entries menu.

### – Entries - Report summary by classes

This report now includes the numbers of max. competitors besides the number of entries. By default they are hidden but you can activate them if necessary.

### – Speaker - Speaker support

NC-ed competitors are now displayed in the live table. So far, they had been ignored and they did not appear in the table.

### – Speaker - Speaker results

NC-ed competitors are now shown correctly at the end of the result. So far, they had been ranked like normal competitors.

### – Speaker - Online monitor client

Resending punches from the log file now allows a selection by punch times to avoid having to resend the whole file after connection problems during the race.

### – Speaker - Online monitor server

If the server could not be started, then the window only displayed "server stopped" which could be missed by the operator. Now there is an additional error message in this case.

### – Extras - Import clubs

This function had been extended to support the IOF XML format now.

### – Network breaks

So far, it had been nearly impossible to stay within the application and continue after a network break. This had been improved now. Just try it if you experience such a situation... This is especially important for the online speaker functions.

### – Supporting the new IOF XML V3 format

The imports of classes, clubs and entries (also into the archive) now support both the old V2.0.3 and the new V3.0. The import procedures detect the version automatically.

The exports still export the V2 only. The exports and the course imports will support the XML V3 after it will be fixed finally and there will be other parties which support this.

### – Changes in the data structure

Some new fields had been introduced to match the semantics which is given by the new IOF XML standard V3.

*Archive Classes* and *Event Classes* table: new fields for Age to and Classification.

*Entries table*: new field for Entry Id.

**Please read the hints given in the context help carefully! Notice:** if the layout of an entries or class table grid looks silly, then this came from the new columns. Just click the *Reset table layout* button to fix this.

### – Application startup time

The startup procedures had been improved to optimize the overall startup time of OE2010.

### – SI devices in general

If you read the backup memory of a station via the master station, then you often got read errors or SI not ready due to an unstable coupling between the station and the master station. Inserting the coupling stick helped here in all cases. Now I made the process a bit more robust so you should be able to always read the backup memory without a coupling stick.

### – Internet connection for uploads

It looks like dial-up is no longer used for an internet connection anywhere. Furthermore, this feature makes problems sometimes with certain setups of Win7 and Vista. So I removed this. Now an upload expects an existing internet connection and it will abort as usual if the destination can't be accessed for any reason.

### – Label layout editor

Sometimes you will be notified that there are fields outside the label. This may happen if you had changed the printer or modified the number of rows or columns. Mostly it is hard to find where they had been left. Now there is a new function in the editor which retracts them back into the label.

## Bug fixes

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### — Entries - Edit Clubs

If you accidentally happened to [clear the club number](#), sometimes the [application hung](#) with endless exceptions.

### — Courses - Import

When [importing a XML file from Condes](#), the classes were not assigned. *This bug was new in the last release of 22.12.11.*

### — Start list draw (Classes, Courses)

If [time blocks](#) were used and a class had a start interval of 0 (-> [mass start](#) or just as a dummy value for open classes), then [OE2010 hung](#) when trying to display the class in the class table. The same happened when running the function [Seperate clubs](#).

### — Speaker - Client/Server monitor

[Only one of both windows could be opened within the same instance of OE2010.](#)

However, if you run both functions on the same PC, it is ***strongly recommended to run those windows in two different instances of OE2010.*** Only then you will fully profit from the improvements which had been implemented in the release of 22.12.11.

### — Speaker - Speaker Support

If the option [Show marked competitors only](#) had been set, then the [table was empty](#) after reloading it. [Button Highlighted](#) (to clear all highlightings) had the [wrong mouse hint](#).

### — Speaker - Prewaring

When [Refreshing](#) the table, always [all competitors had been highlighted](#). *Only new incoming punches should be highlighted.*

### — Start list organisation - Courses

The [search field](#) showed the hint [Search class](#). *Now it is Search course.*

### — Entries - Edit

While [inserting a new entry](#), you can click on the option [Use archive class no.](#) which displayed the Alternative classes tab. If you then clicked on the new tab, then you was asked to save the last entry. If you clicked on Yes, then this saved the entry but the menu had not been updated accordingly. Clicking on the (still enabled) Save button issued an [exception not in Edit mode](#).

*Now the Alternative classes tab will appear only when the entries table is in Browse mode.*

### — Competition day - Evaluate SI stations

#### Report about punches

Refreshing the selection table [lost part of the columns](#).

#### Report Find not started competitors

The [time format settings did not work](#) for the selection table.

### — Competition day - Log files

The selection table always displayed [unknown chips](#), even if the competitors had been pre-entered with the right chip numbers. On the other hand, with inserting into the event, they were [assigned to the predefined competitors](#).

*Now the selection table will display what will be the result after inserting.*

### — Automatic result reports

After you had [started the automatic report](#), then the various dialogs for printing, labels, upload etc will be displayed once in the beginning to allow you to define the respective settings. After that, those settings will be

used until you stop the automatic result. However, as long as the report was empty, [those dialogs were not be invoked but only after the first competitor appeared in the report.](#)

*The dialogs must ALWAYS appear just after having started the automatic report to avoid confusion.*

#### – Various reports by clubs - function Send Emails

If the [html file names got too long](#), then the zip files had strange (shortened) names and they were empty.

#### – File selection dialog

The file selection dialog [reduces the selected file to its main part](#), if the file came from an export/publishing with unique filenames set, i.e. there is a time stamp at the beginning of the file name. However, [in some situations this is not useful](#), like selecting log files.

#### – Reports general

If [no printer was installed](#), then the [report aborted](#) without any notice since a printer is absolutely required for the label layouts.

*Now there is a message.*

– 22.12.2011

## Improvements

#### – Entries - Edit in EOD mode / Entries - Direct entries

Normally EODs will be entered during the running event. If you are using start numbers and you are working in a network, then you got [many error messages about duplicate start numbers](#) because another operator was quicker than you and he had already assigned your start number which had been preset by OE2010.

[Now this had been improved.](#) If you are inserting new entries in EOD mode (which is the default working mode in the Direct entries window), a new start number will always be recalculated automatically if the preset one had already been used in the meantime. In all other situations you will have to solve duplicate start numbers manually as usual.

#### – Entries - Edit

The columns for the [Xtra start numbers](#) and the accompanying preceding text are now [available for being edited manually](#). Normally you should only distribute them by the start list draw. But now you can edit them to fix late changes or for late entries.

**New function:** [Reset competitor to a vacant place](#)

You may need this function if you want to put a competitor into a different class after the start list draw. If you have a predrawn start list which follows well-defined competition rules, then it is not possible to just change the class. Instead, the competitor must be set into a free vacant place of the destination class while his original start place within the wrong class must be reset to a vacant place. This function performs the second step with a single mouseclick.

#### – Split time results

So far, the [column headers](#) at the top for punch times had been kept [blank](#), no matter if you had edited their text in the report layout. Now you can [edit the split time column headers](#) (for special purposes), and then this will be [displayed](#) in the report.

[Extended format](#) is now be [saved](#) with the report window. Formerly, always the non-extended format was shown and you had to switch to the extended format manually. *Now always the last format option is restored.*

#### – Automatic results

Introduced a [new option Scroll automatically](#) to let the result scroll down.

#### – Labels - Split time sheets

[Updated the A4\(1\) Split times/Places layout](#). In addition to the former layout version, this one shows not only

the intermediate times incl. the placings, but also the split times with placings.

Introduced [two new label layouts](#) (split time sheets) called [A4 Extended 39](#) or [30](#). In addition to the above sheet, they show the [current leaders on each split/int. time](#) as well as the [current result standings](#) of the competitor's class.

These layouts are available for the extended split results.

See also below about the new layout update procedure.

### – Competition day - Evaluate chips - Print result sheets / Competition day - Read chips

Introduced a [new option Extended format](#) for printing the result sheets. In this mode, the extended split time sheets (see above) are supported. So now you can hand out complete intermediate results to every competitor after he had downloaded his chip in the finish.

Since this is quite a heavy function especially for large events, please perform thorough performance tests before your race and before you promise that to the competitors.

### – Speaker - Prewarning

Now you can [select the classes](#) which you want to watch in this window. This will give a better overview for the speaker here.

### – Speaker - Intermediate results

In the selection table, only those classes had been displayed which had a radio control which had really been watched at a speaker window. Consequently some classes were missing which also have radio controls but had not been watched in a speaker window. This caused some irritations. Now all classes with radio controls appear in the selection table, no matter if they had been watched actually.

### – Speaker - Online monitor client and server / Time taking functions

The [performance has been dramatically improved](#) by a factor 3-4. This can especially be seen at high frequencies of incoming punches, or when resending a punch log file.

This improved algorithm had been implemented for the time taking functions also.

### – General: Report and Labels

#### [New update procedure](#)

If there was a new default layout installed so far, you had been prompted about that and you was asked to reset to the default layout. Thus you [lost your own customized layouts](#) and you did not get any clue which particular layouts of several ones had actually been changed.

[Now the procedure had been made more comfortable.](#)

If a new or updated default layout file had been installed, then OE2010 will [recognize which particular layouts had been updated/added](#) and it will [add them to your working layout file](#), leaving the existing layouts unchanged. The new layouts will be marked by *\*New\**. You are now asked to

- Compare the new layouts to the old ones.
- Remove the hint *\*New\** from the layout descriptions, after you had checked out everything and maybe added your customizations into the new layouts.
- Finally remove the corresponding outdated layouts.

And of course you can shorten this procedure by simply restoring the complete default file (if you never had customized anything for the respective report).

For more details, look into the general help topics about [Reports](#).

With this release, the following report layout had been updated: Report [Classes](#) in Entries. [Open this report to experience how the update procedure works.](#)

More important, there are one updated and two new extended split time sheet layouts installed. Since they all belong to the same label pool, you can open either an extended split times result report, a Read chips window, or print a sheet in Evaluate chips [to see how this is updated](#). Note that you have to activate the Extended format option for the result sheets in the latter two windows.

## Bug fixes

### – Entries - Report Start fees-Overview

If a [club had no entries](#) (but maybe some extra fees only), then the [club was not displayed](#) in the club column.

### — Entries - Report Classes

The [column start fee 2](#) was missing.  
*Read also above about the new layout updating procedure.*

### — Courses - Courses: Report about courses

If the [line for the classes](#) was empty (no class columns there), then OE2010 [hung](#) until it aborted with memory overflow.

*More: now this line won't be displayed at all if there is no class column.*

### — Speaker - Online monitor Client

If a [SportIdent](#) station had been driven in [non-extended protocol](#), the [punch times](#) were sometimes calculated wrongly.

### — Speaker - Online monitor server

In some configurations, especially with Win7, the [server window](#) could hang if a [large punch log file](#) had been sent again (with high frequency). This was some synchronization problem between receiving the punches in the server window and displaying them.

### — Speaker - Intermediate results

The [context help button](#) did not open the special help topic for the intermediate results but the general results help.

### — Competition day - Read chips

When [opening the window](#) the very first time, there were some [painting problems](#).

When [assigning a reserve place](#) to a competitor manually, the [chip contents](#) of the former reserve place [were not removed properly](#). They showed up for new (direct) entries, which were inserted later.

### — Competition day - Evaluate SI stations

[Reading the backup](#) of a control station in [extended protocol](#) did not work correctly in all cases.

### — Results - Press results

If the selection table was [not sorted by club number and only a few were selected](#), then the report [displayed the wrong clubs](#). This bug occurred in other reports also.

### — General: incremental searching in table grids

The [incremental search](#) by classes and clubs [did not work properly](#) if you entered a search text which could not be found in the table. Normally the search should stop at the next higher record but it jumped to the end.

### — General: Folder selection listbox

If the [last folder in the text field](#) is not found, then there was an [exception](#) when trying to open the folder tree.  
*Now it falls back to a well-defined existing folder from where you can start browsing.*

### — General: Report - Publishing as txt file

If the [event description](#) was [too long](#) for the specific line width of a report, then the [action aborted](#) and the destination file was empty.

### — FinnSpring demo event

The data included dummy radio punches which were displayed in the Prewarning function.  
*If you want to play with this event, then please restore it from the backup first.*

- 14.9.2011

## Improvements

### - Help files

Some [text added](#) at some places, f.ex. to point out that SI/Emit settings must be defined for every stage individually at multadays.

### - Display of difference times

[Difference times](#) will now be displayed with a [preceding + \(plus\)](#) in all reports like this had already been the case in the speaker window.

### - Entries - Edit

There is a special mode for handling [entries of the day](#), which are all new entries. In this mode, you can use the [Search chip no](#) option for the archive which inserts the right competitor from the archive after you had entered the chip no. of the new entry.

However, in many countries the direct or late entries are handled by predrawn vacant places which you can edit and fill with a real competitor manually. [Now the same handling with the chip no. is available for editing vacant places](#). If you enter a chip no into a vacant place, then the competitor will be searched in the archive and the vacant place will be filled with his details. The class will not be changed and the start fee will be recalculated using the current late start fee settings.

### - Entries - Import entries

If there is [no entry class](#) given explicitly in the [CSV or XML import](#) file, then [this field will be filled](#) by the (normal) class value. This corresponds to the behaviour when entering new entries manually.

### - Entries - Import entries, Import special formats (Pirilä)

Added a [new option Add all](#). This allows to [add all records of the import file](#), no matter if somebody already is in the event. This option may be useful if your web entries service can provide import files which only include the latest entries, and you don't have an identification field which is required by the option Add and update.

### - Automatic results: changed classes only

There was feedback that this feature should [not work as expected](#). Unfortunately nobody could reproduce this later nor could I. I checked the code and found and removed a possible source for this behaviour. I hope it works more reliable now.

### - Speaker - Prewarning

[Displaying the finish punch did not show places and quick results](#). This has been fixed. However, this was not good enough since sometimes the finish punches and finish times differ from each other (see Emit: Online finish punch) which may cause some irritations. Now this display is no longer called "Finish punch" but "Finish". This means that [now first the official finish time will be used and secondly the online finish punch](#). So now this function can also [be used without any radio controls](#), just to get information about interesting incoming runners of all classes.

### - Results - Export special format Finland

If a [class](#) had been [cancelled](#), then this class is [not included](#) in the export.

### - All Time taking functions

In the status line there are mostly two LEDs, one for the punching system device and one for the time taking device. They displayed in the [same shape](#) and they had identical hints, which [caused some irritations](#). Now the LEDs are different graphics (the time taking LEDs have an additional clock symbol like the buttons on the menu) and they have [different hints](#). Also their order in the status line had been switched so that this is the same order like in the top menu bar.

## Bug fixes

### – SportIdent: automatic detection of the right baud rate

This [automatic detection](#) requires that the station connected will respond to OE2010 at one of the possible speed settings. If there are [stations connected via a radio modem](#), GSM module or any other concentrator, then there is no response and f.ex. the speaker client window waits in [receive-only mode](#) for incoming data. In this case the speed which you had preset manually will be used. However, if you opened the port settings dialog later, [it had always been preset by 38400 bps](#). This caused some irritations.  
*Now always the actual speed will be shown in the port settings dialog.*

### – Entries-Edit

[Editing an entry without a club assigned](#) was not possible because OE2010 aborted the action with an exception.

### – Entries - Report: Classes

This report [did not include the start fee2](#).

[There is a new default layout installed](#). To get this working, display a classes report and then click on the button [Reset to the default](#). Then the corrected default layout will be loaded.

### – Evaluate Chips: Report Check check punches

If available (from SI stations backup), this report [uses the check punch from the station](#) instead of the punch from the chip. The reason is that the check punch on SICard5 may have been destroyed by a start punch which had been done in extended mode. At multadays, [always the punch from the first stage had been used](#) for that and not the one from the current stage.

### – Evaluate Chips

For entries at multadays, you can (un)check the [entry/stage flag](#) if a competitor does not enter for all stages. This is widely used for entries on the day. All reports and other actions rely on that flag. However, it may happen that a "not-checked" competitor will run anyway. Usually he will then appear in all results. But [he did not appear in the chip evaluation](#).

*Now all chips which had been downloaded at the current stage will be shown here, independently of the entry/day flag.*

### – Speaker - Prewarning

Displaying the finish punch [did not show places and quick results](#).

The button [Highlighted](#) which should clear all highlightings in the table, [had always been disabled](#).

### – Time taking - Emit

If [Save punches as official times](#) is checked, then there is only a single device and no extra time taking device. But OE2010 [issued an error message](#) that there should be different ports for both devices.

In this case the Time taking LED and buttons were displayed [but they should be hidden](#).

*Now the respective buttons and the LED are displayed/hidden when the option Save punches is changed.*

## – 16.6.2011

## Improvements

### – Translation

The [Portuguese translation](#) has now been done for the first time in the SportSoftware history and it is included.

### – Start list - Organisation

If a [class had been dragged](#) into or within the organisation table or the settings of the class had been changed

in the bottom panel, then the *cursor always jumped to the first start place* of this class. This appeared annoying in most cases. *Now the cursor will behave somewhat more smoothly.*

#### – Competition day - Time taking - Emit

Using the option *Save punches as official times* should be the exact equivalent to the older possibility to use the finish punch for time taking by the speaker online functions. In the latter, *only new finish times will be saved and no existing ones will be overwritten.* *Now this is the same behaviour in the time taking function.*

#### – Speaker - Prewarning

Reloading the grid with recalculating all places had been *optimized*. This brings a dramatic performance boost of 30-50 times faster loading times with large events. Although it is now a matter of seconds to load the whole event here, it is still recommended to restrict the reported time slot to something well below an hour.

#### – Speaker - Intermediate results

The results *now include also those nced competitors who don't have any online punch*. In addition to the option All or Classified only, the option *Include not started* had been added, so that this result report now behaves in the same way like the normal results.

## Bug fixes

#### – Editing data grids in general

Since the last version, the *edit cursor had been hidden* after an error message.

#### – Incremental search in grids

If the table was *sorted by a number* (f.ex. start number), then the *incremental search did not work as expected* in all cases. F.ex. the table cursor was focused on start no 15. Then the user wanted to search for start no. 8. However, this jumped to no. 80 and not 8, if the search field had been empty before.

This was annoying especially in the Read chips window when assigning reserve places (which should be done quickly and reliably).

#### – Label printing

With *underlying graphics*, the printing of data should be done transparent over the graphics. *This worked with the first page only but not with the subsequent ones.*

#### – XML export

With *Eastern* configurations, the results *XML exports did not handle all special characters correctly.*

#### – Courses-Courses

In the courses table, *route "controls"* had been *displayed and counted like normal controls.* *In the Define course dialog this was already correct.*

#### – Courses-Import

*OCAD TXT format:* If the *course did not include the finish* (f.ex. because this was the first part of a course with map exchange), then the *last control had not been imported.*

*All formats:* With option *Update existing only*, *no courses were updated* but listed with error Course no. in use.

#### – Start list - Draw

When *clicking on the second class* in the class selection list at the right, this threw an *exception* (but the class displayed correctly after that).

#### – Results

The results *always included those competitors who have the flag nc* (not in the competition) from the beginning on, no matter if they had actually finished.

*Now they will be treated like normal competitors.*

#### – Speaker - Speaker support

The button [Highlighted](#) which should clear all highlightings in the table, [had always been disabled](#).

### – Speaker - Prewarning

[Mped](#) or [Dnfd](#) competitors had been displayed in the [quick result](#) (and also with their place in the prewarning table) [as if they were in the competition](#). This caused irritating rankings of "phantom" punches which did not match the display of the speaker window.

*[There were some problems with the quick result and calculating the places in the prewarning table if there were online punches which could not be assigned to a course.](#)*

## – 6.4.2011

### Improvements

#### – Language

Completed some more languages. Added changes in some languages.

#### – Help files and PDF

Some small additions

#### – Entries

If an [entry should be deleted](#), there was [no hint if this competitor had already downloaded his chip](#), which indicates that removing him would most likely not be correct. *[Now there is an appropriate prompt in this case.](#)*

#### – Unexpected errors

Unexpected and untranslated errors are now [indicated in a better way](#) which shows that this is not just a missing translation.

### Bug fixes

#### – Entries

If [something had been changed](#) (f.ex. only the name), the [running time had been always recalculated](#). This calculation did not take voided legs and credits/penalties into account but simply subtracted the start time from the finish time. So the [times went wrong](#) only by the correction of a name, if you had voided legs. *[Now the times will be recalculated only if the corresponding start time had been actually changed and it will be done correctly.](#)*

#### – Start organisation by classes or courses

The function [Adjust start times](#) issued an [exception](#) if there were no classes and competitors in the event.

#### – Voided legs

[Voiding the first control after the start did not work](#). The string representing the voided legs had been improved in that way, so that now Start is shown first and Finish is shown last.

#### – Evaluate Chips

[Long strings with voided legs](#) were not displayed completely.

There was some [sizing problem of the punches list](#) when resizing the chip panel.

If a [chip had been created manually](#) here, then this [chip was not included](#) in reports.

#### – Speaker - Manual input

With [automatic times](#) checked, the first input into the start no. field got an [Input incomplete](#) error, although there was something entered.

#### – Start list report by start times / Start interruption

If the start list had been [drawn by courses](#) (start organisation by courses only), then the selection for start boxes did not show the start boxes (only box 1 by default) and [only competitors with start box 1 had been displayed](#) in the report.

### – Results - Statistics

A [single day report](#) of a multiday stage higher than 1 displayed wrong numbers.

## – 8.3.2011

### Improvements

#### – New function

*Speaker - Display Board*

#### – Event and Archive Backup/Restore

Those dialogs now [distinguish for which purpose the respective file had been used the last time](#) (Event or Archive). Formerly only a single file name had been saved which lead to some irritations when restoring an event after an archive restore f.ex.

#### – Entries - Import

*Added the option* [Add start fee surcharge](#) to allow the right start fee calculation for importing late entries, like this is the case in the manual entries function.

Implemented a simple [workaround to support Swedish users with importing Patrulls](#) from Eventor. More information about that is given in the special Swedish newsletter.

#### – Competition day - Start interruption

*Added* the [selections by start places and start boxes](#) (like in start list reports). This allows to restrict the action to the selected start places and/or start boxes. The report is sorted by start times now which looks more reasonable.

#### – Competition day - Prize giving

*Added* the option [Overall time](#) to enable a prize giving according to the overall times at Multidays.

#### – Results - Special export Finland

The file is now [saved in ASCII-DOS format](#) since the Finnish O Fed. requires this format.

#### – Reports in general

Some [reports](#) have [different layouts](#), f.ex. the split time results in normal and extended format. So far, changing the option Extended format had caused the report to be [refreshed automatically](#). This appeared to be annoying if one had clicked the option occasionally and there was a large result report. Now the [option can be changed first](#) and maybe other options also, and then the report must be [refreshed using the Refresh button](#).

#### – Reports - Export dialog

*New* option [Compute Export files by DLL](#). This allows to compute the export files by a 3rd party DLL-function. F.ex. you can send API calls to web services like WinSplits to upload and compute the file there.

#### – HTML output

Some [improvements in the layout](#) which came up when developing OS2010, see f.ex. split time results with colored lines.

#### – Help file

*Added* the missing topics in the Quick start tutorial and the Advanced tasks parts. Anyway, I would like to receive your feedback if you think there is something missing!

## Bug fixes

### – Start list report by start times

The report always displayed [up to 6 start boxes only](#).

### – Start list organisation

The [number of startboxes was not initialized properly](#), especially when switching between stages with different numbers of start boxes with a multiday event.

### – Competition day - Time taking

With a [Std. or Std. Large license](#), the [manual input](#) and the [time taking by PC clock were not accessible](#) because the whole Time taking menu item had been hidden.

### – Competition day - Start interruption

The function issued the error [Shifting below the zero time is not allowed](#) in some cases, even if the shift was in forward direction.

With multadays, the [stage had not been initialized properly](#) in some cases.

### – Results - Split times

[Competitors without finish time\(punch\) but no mispunch](#) had got a place at the end of the classification. *They must be listed among the not classified.*

### – Archive - Edit

If the archive had been quick opened (using this option), then trying the [group by](#) feature ended up in an exception.

*Since grouping is not available if the archive had been quick opened, this option is now disabled in this case.*

### – PDF handbook

In some places, the [text had not been adjusted](#) in the right way so that it had been truncated at the right. Some [graphics were scaled automatically](#) to a smaller size which did not look well. The reason for both was some insufficient formatting of tables.

## – 22.12.2010

## Improvements

### – New functions

**Competition day - Prize giving**

**Time taking**

**Multiday Point scores: Results and chase start**

Results: new report **Chase start results** (see the [context help](#) of this report)

### – Result reports

So far, the option [Exclude Dns](#) had always [been reset to unchecked](#) if you reopened the report. Now this setting will be saved and restored to the last used value.

**New options Seperate classes/courses:** with individual courses, this allows to have results by classes AND courses in addition to having all courses within a class, and viceversa. This had been especially designed to fulfil a new competition rule in Great Britain (UK), but it may be useful for others also.

### – HTML exports

There were rare problems with displaying the HTML-output at some web sites. [Modified the file header](#) to a more general statement.

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### – Reading device backup, Read Chips-Registration

The [competitor's start fee](#) will be set to the class start fee, if he is inserted from the archive.

## Bug fixes

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### – Reading device backup

With [Emit MTR](#), the [finish punches](#) had not been calculated correctly.

If [Insert from archive](#) is checked and a chip had been [put to a reserve place](#), then the [course was not calculated](#).

*Now there is the same behaviour like in [Read chips-Registration](#).*

### – Update archive from the event

if a competitor had [no club](#) in the event, then there was always [Club not found in the archive](#), which is wrong.

### – Upload files to the web

The [upload was aborted](#) if there was no RAS entry defined on the machine, even if an existing connection was used.

### – Read chips - registration

If [Quick open](#) had been selected, the next time the window should be opened, it [aborted with ArKat not found](#).

After the [Quick open had been ticked](#) the first time, one could continue working in the window but the [scrolling](#) of the archive table was [very slow](#) and behaved strangely on some machines.

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## – 26.10.2010

## Bug fixes

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### – Archive imports

As a side effect of a bug fix from 22.10., [archive import files in CSV format were always rejected](#) with wrong format.

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## – 22.10.2010

## Improvements

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### – New functions

*Start list - Chase start by courses*

*Extras - Report layouts*

*Entries - Imports (special formats) - Finland*

### – Results

*New export format* (official class/courses and press results): [Compressed Press text format](#)

*Special export* (official results by classes): Finland

## Bug fixes

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### – Split results

There was still a problem with DNS.

### – Imports general

With [CSV format](#), a modified separator had not been saved properly, so that the import failed with [Invalid format](#).

#### – Extras-Import competitors

A [modified time format had not been saved properly](#), so that the import failed with Invalid time format.

#### – Speaker-Intermediate results

[Exporting](#) and [printing labels](#) in automatic mode took much longer than in manual mode.

#### – Reports general

With longer reports, the refreshing, exporting or publishing process [could be aborted by clicking at the top right close system button](#). This could cause unrecoverable results.

#### – Trial-Version

The multiday demo event [AAC](#) could not be used or restored.

### – 24.9.2010

#### Improvements

##### – New functions

*[Entries - Import rankings](#)*

*[Entries - Distribute Elite entries](#)*

*[Help - Restore Demos](#)*

#### Bug fixes

##### – XML-Exports

Fixed some problems with [not matching the XML definition](#) precisely.

Fixed some quirks with [not properly converting UTF8 imports](#) of Eastern characters.

##### – Split time results

Now the [DNS](#) will be included if the [option](#) is checked.

##### – Restoring the demos

[Did not work properly](#). Now the demo BACKUPS(!) will ALWAYS be copied into [<SettingsFolder>\Backup\Samples](#), from where you can restore them manually. Additionally, with the very first start they will be restored automatically into your data folders. Also you now have an extra function [Restore demos](#) which restores the demos into the current data folders.

### – 8.9.2010

#### First official release

## 2.4 Getting help

There are a number of different sources of help for the SportSoftware. In addition to this help file, you can look at the SportSoftware web site or contact the free and quick SportSoftware email support.

To get started, your main source of information should be this help file. We have designed it to provide all the information you will need for using and learning OE2010.

Before contacting support, please make sure that you really can't find the information you need here. Thanks!

### – Displaying the help

- The quickest way to display the help is to press **F1**. If context-sensitive help is available it will be displayed automatically.

- Most dialogs have a **Help button** that displays the context help:



- All working forms and report forms have a **Help button** that displays the context help:



### – Getting a help file in your language

By default, OE2010 installs the English help file only. Translated help files are available from the [SportSoftware V11 download page](#). Check out there if your language had already been translated. If yes, then download it and copy it into your Application installation folder. To get it working, just [reselect your language](#).

### – Getting a printed user manual

There is a PDF version of the entire documentation available for download. Look at the [SportSoftware V11 download page](#) and download the PDF file in your language.

### – Looking in the web

- Visit the [SportSoftware web site](#).
- Visit your national support page. Have a look at the [SportSoftware support pages](#) to find the right link.

### – Contacting SportSoftware support

- Free direct email support is available from SportSoftware at [hotline@sportsoftware.de](mailto:hotline@sportsoftware.de). You can send an email to this address by clicking on the link in the **Help-About dialog**. Please write in German or English. Don't hesitate, you will be amazed how unexpectedly quick this is!
- However, you may prefer to ask your national contact person in your own language. Have a look at the [SportSoftware support pages](#) to find the right address.

## 2.5 How to buy OE2010

### SportSoftware editions

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OE2010 comes in different editions.

<b>Standard</b>	Up to 150 competitors
<b>Large</b>	Up to 500 competitors
<b>Pro</b>	Up to 1000 competitors, including speaker and finish functions
<b>Pro Large</b>	More than 1000 competitors, including speaker and finish functions
<b>Multiday option</b>	The multiday functions, can be ordered in addition to any of the above

The **trial version** is limited in some ways:

- You cannot print, publish or export anything.
- You can work on the demo events and the demo archive only.
- Some functions are completely disabled.

### Purchasing directly from SportSoftware

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You have the possibility to buy your software in the [SportSoftware online shop](#) and to pay by credit card. This shop is powered by [ShareIt!](#) and you can buy all standard SportSoftware products there.

### Ordering from your national distributor

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There are also few national distributors who are authorized to sell the SportSoftware in their countries. If you are in doubt, contact the author or ask your national contact person.

## 3 Quick start tutorial

This section provides a quick start to into the most common tasks you will use when working with OE2010. The help topics are in the same order as you should work step by step when organising an orienteering competition. You may notice that this also matches the order of the menu items in the program. Just browse through this section using the browse buttons at the top and learn step by step how to organise an O competition using OE2010. Every topic contains comprehensive links to detailed information in the [reference section](#).

For reference purposes, you can use the table of contents as an index. Just pick out the task you need more information, look there and follow the links given to the reference section.

### More information

---

Once you have learned the common tasks in this section, see [Advanced tasks](#) to learn what else you can do with OE2010.

The OE2010 setup has installed the backups of several **demo events** which had actually taken place and a **sample archive**. Many thanks to the organisers who allowed me to include their events here. These are multi day and single day events. When you are working on your own event/archive, you may always check out how things had been done in the sample events or the sample archive.

With the very first launch, the samples will be restored into your self-defined event and archive root folders. If you lose them for some reasons, then use the function **Help - Restore demos**. If you want to restore a single demo event only, then use [Restore event](#). You can find the backup files in the subfolder **Backup\Samples** of your [Application settings root folder](#).

### See also

[Introduction](#)

[Advanced tasks](#)

[Reference](#)

[Restore event](#)

[Restore archive](#)

## 3.1 User interface

The topics in this section provide some basic information about the user interface.

Since this had been changed thoroughly up to the current state of the art, this section should be read carefully also by experienced SportSoftware users.

Read a quick description of the main parts of the user interface:

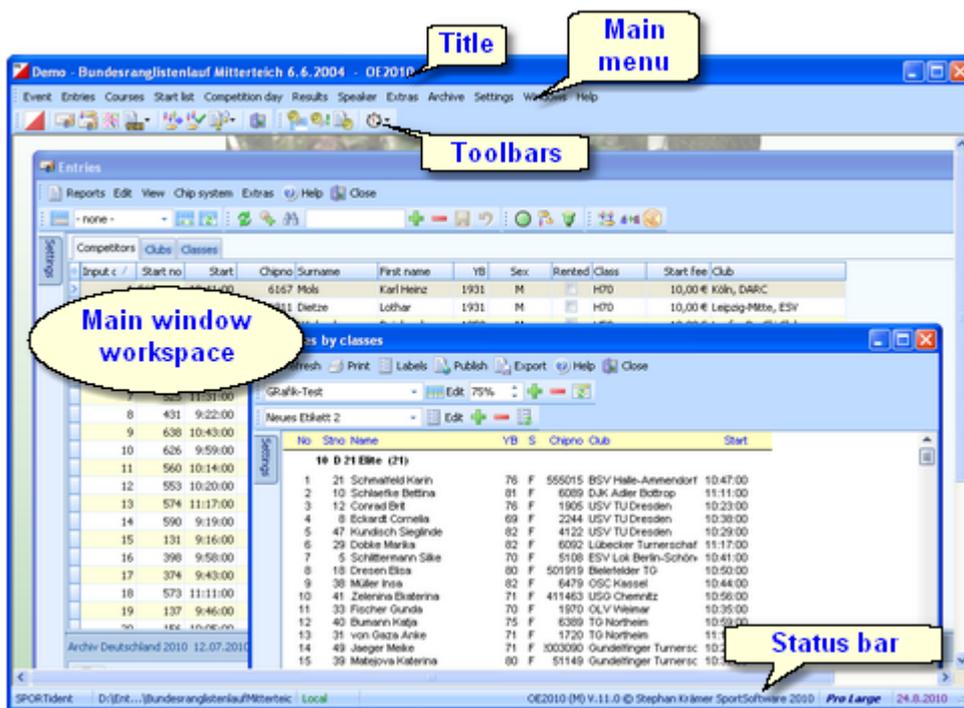
- [Main window](#)
- [Working form](#)
- [Reports](#)
- [Dialogs](#)

### See also

[User interface reference](#)

#### 3.1.1 Main window

The main window consists of several sections.



In the **main window workspace** the various [working forms](#) and [reports](#) can be arranged.

The **title** always shows the current event which you are working on.

**Demo - Bundesranglistenlauf Mitterteich 6.6.2004 - OE2010**

In the **main menu** you find all the user functions. There are also some basic items like the **Windows** menu item. For more details, see the [UI reference](#).

Event Entries Courses Start list Competition day Results Speaker Extras Archive Sc...

The **toolbars** provide you shortcuts for the most used functions. Move with the mouse over a button to get a hint about its purpose.



The **status bar** shows you various information about the current event and your version of OE2010.



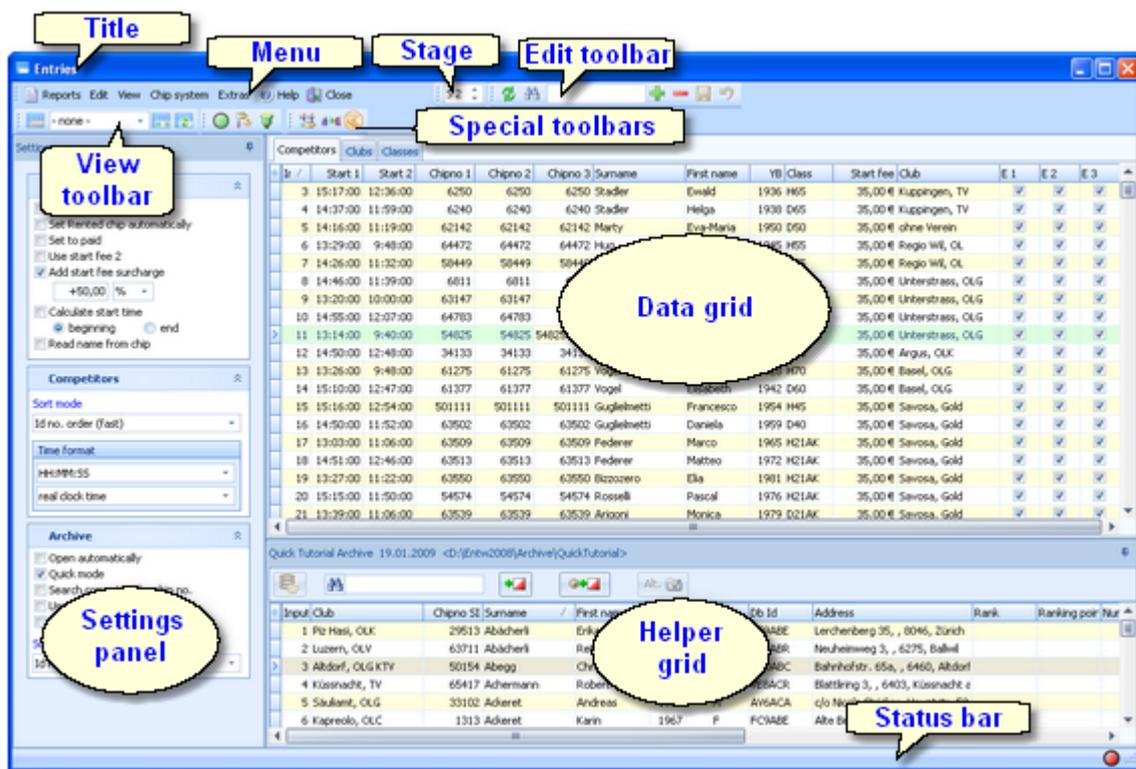
When you launch OE2010, the main window will restore its last position. All working forms which had been left open the previous time will be restored automatically. Reports and other secondary windows will not be reopened automatically.

**See also**

[User interface reference](#)

**3.1.2 Working form**

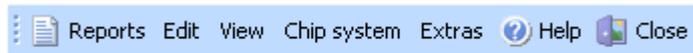
A working form is a window where you can work on data, display reports on those data and perform other actions. As an example, have a look at the **entries** form.



The **title** shows the name of the form.

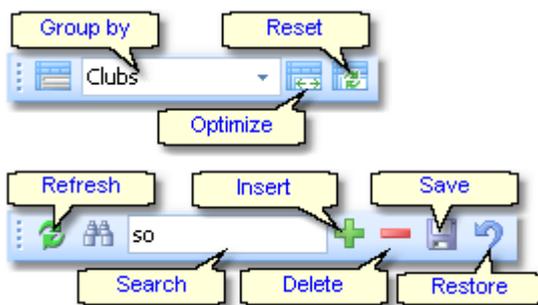


In the **menu** you find all the functions which are available in this form. **Reports**, **Edit**, **View** and **Help** are common functions for all working forms. **Help** invokes the **context help** for this form (you can also use the **F1** shortcut). For more details, see the [UI reference](#)

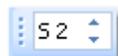


Chip system and Extras are special functions which are available in the [entries form](#).

The **View** and the **Edit toolbar** are common to all working forms. Move with the mouse over a button to get a hint about its purpose. For more details, see the [UI reference](#).



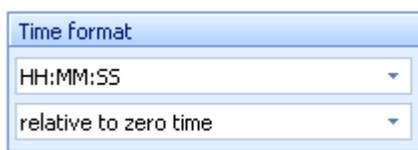
Many forms in OE2010 do display the **stage selector**, if a multi day event is loaded. For more details, see the [stage selector reference](#).



Most forms do also offer **special toolbars**. In this example, you see the **Chip system** and the **Special entries functions** toolbars. For more information, see the [entries reference](#).



The **settings panel** mostly offers format settings, f.ex. the **time format**. Often there are also **special settings** like in this example for entries handling. You can **fix the panel** by the pin or let it slide to the left to get more space for the grid.



The main component of a working form is the **data grid**. Here you can **browse and edit the data**, in this example the entries. You can **customize the layout** of the grid in various ways: which columns should be displayed in which order and size and how the table should be sorted. For more details, see the [data grid reference](#).

Input order	Startnr	Start	Chipno	Surname /	First name /	YB	Sex	Class	Start fee	Club
438	203	10:48:00	1989	Lützkendorf	Paul	1989	M	H16	7,00 €	Weimar, OLV
321	71	9:39:00	2209	Martin	Falk	1970	M	H21E	10,00 €	Leipzig, USC
317	675	10:54:00	2113	Martin	Sascha	1973	M	H21AK	10,00 €	Leipzig, USC
481	39	10:32:00	51149	Matejova	Katerina	1980	F	D21E	10,00 €	Gundelfinger
491	358	9:32:00	4150	Mathea	Helena	1962	F	D40	10,00 €	Berlin, TOLF
433	681	10:52:00	1418	Matus	Ximena	1973	F	D21AK	10,00 €	Weimar, OLV
482	316	9:49:00	58729	Matusza	Helga	1959	F	D35	10,00 €	Gundelfinger
130	140	9:37:00	2487	Meißner	Britta	1990	F	D14	7,00 €	Coburg-Neus
142	481	9:23:00	2527	Meißner	Ralph	1953	M	H50	10,00 €	Coburg-Neus
89	185	9:22:00	1510	Melhem	Sophia	1988	F	D16	7,00 €	Dresden, US
378	446	10:01:00	2694	Menn	Joachim	1957	M	H45	10,00 €	Siegerland, C
296	213	11:00:00	2597	Messerschmik	Uwe	1989	M	H16	7,00 €	Kassel, OSC
109	543	11:01:00	2635	Mevius	Edeltraut	1935	F	D65	10,00 €	Lübecker Tur
108	570	10:59:00	2634	Mevius	Horst	1934	M	H70	10,00 €	Lübecker Tur
110	368	9:10:00	2613	Mevius	Klaus	1966	M	H40	10,00 €	Lübecker Tur

In some forms there may be an additional panel with a **helper grid**. This is mostly read only but also a data grid. In this example this is the **archive grid** to speed up entries input. You can **fix the panel** by the pin or let it slide to the bottom edge to get more space for the main data grid.

Input order	Club	Chipno	SI	Surname	First name	Class	YB	Sex	Db Id	Address
5326	Argus Seon, OLG	37667		Wild	Sonja		1988	F	JQ1WIS	Hauptstr. 63, , 5113,
5330	Argus Seon, OLG	6501		Wildi	Julia		1970	F	MN3WIJ	Rosenweg 9, Postfad
5331	Argus Seon, OLG	25144		Wildi	Koni		1965	M	EV0WIK	Kretenweg 6, , 5102,
5344	Argus Seon, OLG	24312		Wipf	Thomas		1968	M	PK8WIT	Fliederweg 8, , 5703,
5420	Argus Seon, OLG	36173		Wyss	Elke		1962	F	JW7WYE	Lümenstr. 275, , 4714
476	Balzthal-Gäu, OLG	40410		Blanke	Martina		1966	F	MV9BLM	Maienstr. 24, , 4600

The **status bar** shows you the **edit status**. Sometimes there is more information provided like the **punching system device status** led in this sample.



You can customize the appearance of a working form in the way you need and like it. You can hide/show the settings and helper panels, adjust the layouts of the grids, move the toolbars and customize the size and position of the form. OE2010 will save those settings and restore the form in the same way when you reopen it. Some forms may always show the settings panel in the beginning, so that you won't miss important options.

## See also

[User interface reference](#)

### 3.1.3 Reports

The first menu item in a **working form** is always the **report button**.

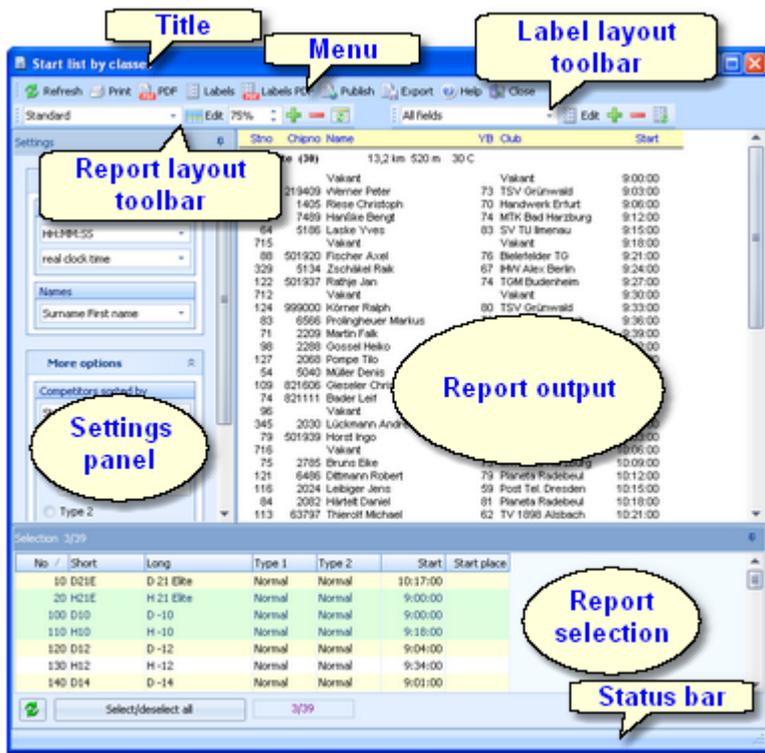
Sometimes this launches the only report available, but mostly this pops up a submenu with several reports.



Some reports are accessible directly from the main menu, f.ex. the start list reports.



Clicking on a report item creates a report window using the selection from the last time. **Note:** only small selections below 10 records will be restored, otherwise always all records will be preselected.



The report window will stay visible until you explicitly close it. Unlike previous versions of the SportSoftware, the working form is completely independent to all reports which you can display from there. You can even close the working form and keep the report(s) visible.

The **title** shows the name of the report.

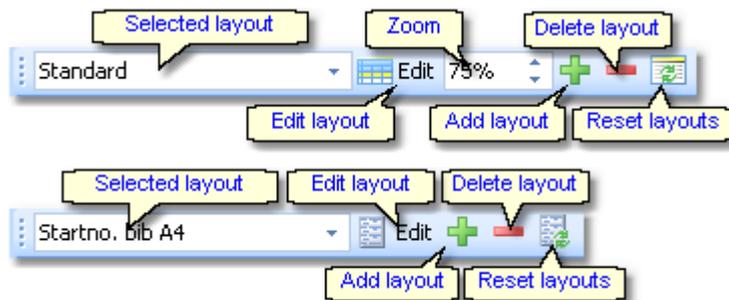


In the **menu** you find the basic report functions. For more details, see the [UI reference](#).

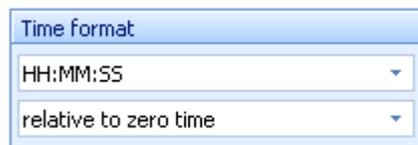


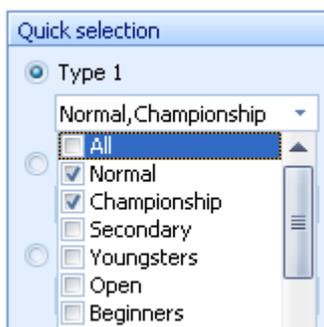
The **Report** and the **Label layout toolbar** provide the functions to manage and edit the layouts. Both work nearly identically. You can have multiple layouts both for the report itself and the labels. You can select the desired layout from the list box.

For more details, see the [UI reference](#). For details on how to edit layouts, see the [Report layout editor reference](#) and the [Label layout editor reference](#).



The **settings panel** mostly offers format settings, f.ex. the **time format**. Often there are also more options offered for the report, f.ex. **quick selections**. To modify the settings, you can **fix the panel** by the pin icon. In the normal case you will have it slid to the left to get more space for the report.





The **report output** is the purpose of this window. ;-)

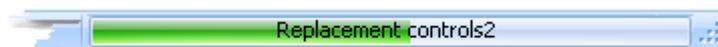
No	Sno	Name	YB	S	Chipno	Club	Start	Database
<b>10 D 21 Elite (21)</b>								
1	5	Schilttermann Silke	70	F	5108	ESV Lok Berlin-Schön-	1:41:00	00162
2	8	Eckardt Cornelia	69	F	2244	USV TU Dresden	1:38:00	00472
3	9	Lorenz Katrin	78	F	2789	TSV Grünwald	2:02:00	
4	10	Schlaefke Bettina	81	F	6089	DJK Adler Bottrop	2:11:00	00203
5	12	Conrad Brit	76	F	1905	USV TU Dresden	1:23:00	00468
6	18	Dresen Elisa	80	F	501919	Bielefelder TG	1:50:00	01038
7	21	Schmalfeld Karin	76	F	555015	BSV Halle-Ammendorf	1:47:00	00687
8	24	Tröße Christiane	81	F	5183	SV TU Ilmenau	2:08:00	00748
9	29	Dobke Marika	82	F	6092	Lübecker Turnerschaf	2:17:00	00991
10	31	von Gaza Anke	71	F	1720	TG Northeim	2:14:00	01138
11	33	Fischer Gunda	70	F	1970	OLV Weimar	1:35:00	01462
12	35	Ehrl Blandine	82	F	1469	MTK Bad Harzburg	2:05:00	
13	38	Müller Insa	82	F	6479	OSC Kassel	1:44:00	00834
14	39	Matejova Katerina	80	F	51149	Gundelfinger Turnersc	1:32:00	
15	40	Bumann Katja	75	F	6389	TG Northeim	1:59:00	01129
16	41	Zelenina Ekaterina	71	F	411453	USG Chemnitz	1:56:00	02130
17	43	Depta Monika	70	F	1696	SU Annen	1:53:00	00020
18	47	Kundisch Sieglinde	82	F	4122	USV TU Dresden	1:29:00	00515
19	49	Jaeger Meike	71	F	3003090	Gundelfinger Turnersc	1:28:00	00664
20	693	Vakant		M		Vakant	1:20:00	
21	694	Vakant		M		Vakant	1:17:00	

In the **selection panel** you can select the records which should be reported. To change the selection, you can **fix the panel** by the pin . In the normal case you will have it slid to the bottom to get more space for the report. **The sort order of the selection table will be used for the report.** To change the report sort order, first change it in the selection panel and then refresh the report.

No / Short	Long	Type 1	Type 2	Start place
11 DE	DE	Normal	Normal	
20 HE	HE	Normal	Normal	
100 D10	D -10	Normal	Normal	
110 H10	H -10	Normal	Normal	
120 D12	D -12	Normal	Normal	
130 H12	H -12	Normal	Normal	
140 D14	D -14	Normal	Normal	

For more details, see the [UI reference](#).

For the average report, the **status bar** does not have a specific purpose. However, there are "live" reports which display the progress here.

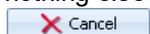


## See also

[User interface reference](#)

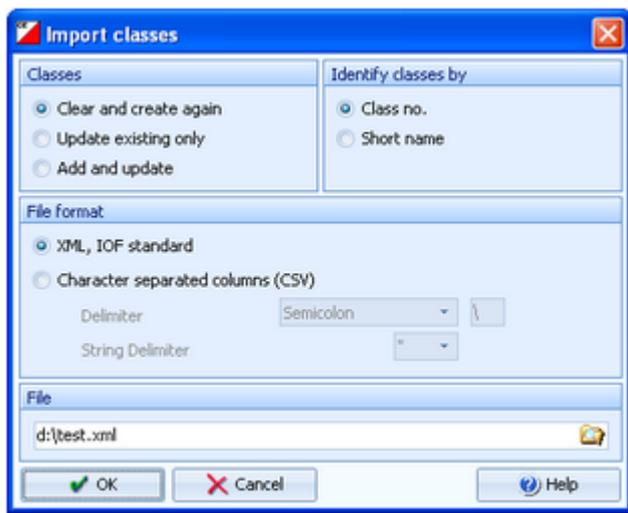
### 3.1.4 Dialogs

Dialogs are windows which can't be arranged within the main window, because they are modal windows. This means, nothing else can be done except working in the dialog until it will be closed by **OK** or **Cancel**



. Sometimes those buttons do have other captions but the actions behind them are quite the same.

All dialogs are fairly self-descriptive and additionally you have a context help available in the most cases. Just one sample here:



## See also

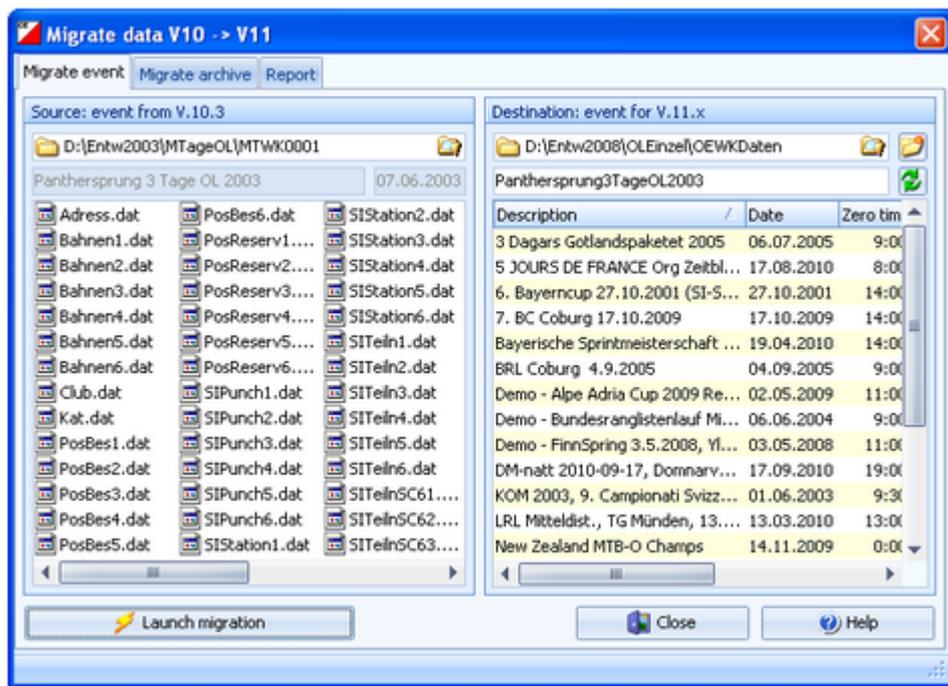
[User interface reference](#)

## 3.2 Migrating events from V.10.3

Differently to previous SportSoftware versions, the SportSoftware V11 has a **new data organisation** which follows the standard which is defined by Windows XP, Vista, Win7 and newer Windows versions. Basically this means that the application settings like report layouts, the event data and also the archive data must not be saved in subfolders of the installation folder (like it had been the case with SportSoftware V10 and older). Instead, since Windows XP there are special user folders designed for that. With the SportSoftware V11, you can use predefined folder sets or define your own ones.

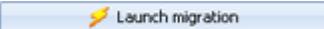
If you need more information about this subject, please read carefully the [Application folders reference!](#)

To be able to use your existing events from V.10.3, you must migrate the event data to the new data format of OE2010. This function can be found at [Extras - Migrate data V10 -> V11](#).



In the left panel, select the **source event** from V.10.3. **Note:** the source event must be exactly in the data format of SportSoftware V.10.3, otherwise you will be asked to load it into OE2003 V.10.3 to update to this data format.

In the right **destination** panel, the OE2010 **event root folder** with its existing events of V11 will be displayed. It will be possible to select another event root folder here if you are using several different folders for some reason. Below that, you must enter a folder name for the new event. By default, this is predefined from the V10 event's name. You can modify this manually, especially if you want to create the same event several times for test purposes.

Click on  to start this action. You will get a detailed report about this in the **report** tab.

Switch to the **Migrate archive** tab to migrate archives from V.10.3 to V11. This works just in the same way as with events.

You can migrate as many events or archives as you like in one row.

### See also

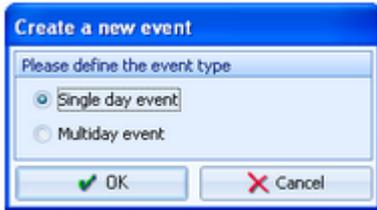
[Migrate data reference](#)

### 3.3 Beginning with the event

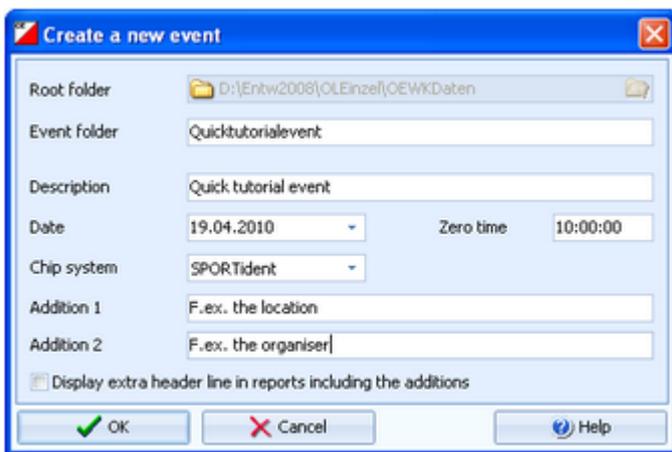
The **Event** main menu topic offers you all functions which are necessary for managing multiple events. The most important of them are described in this topic. For the others, look into [Managing events \(Advanced tasks\)](#).

#### – Creating a new event

To create a new event, click on **Event - New**. If you have the multiday license, then you will be asked which kind of event you want to create.

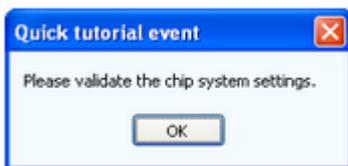


For now, we will continue with a single day event:

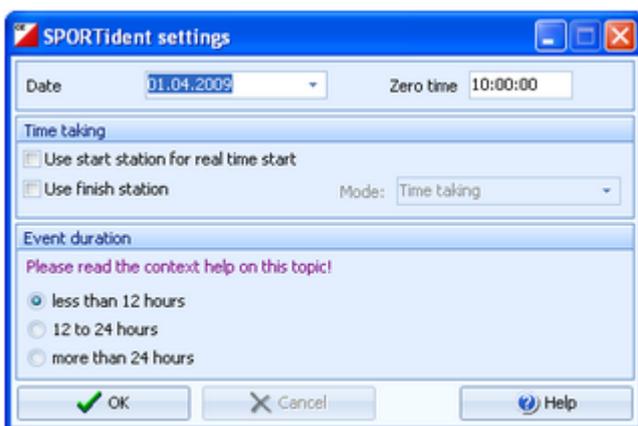


Just fill in the required fields and click **OK** to create the new event. Note that the event folder name will be automatically adjusted when entering the event name. Of course, you can choose another folder name if you want.

When opening a user function for the first time, you will be prompted



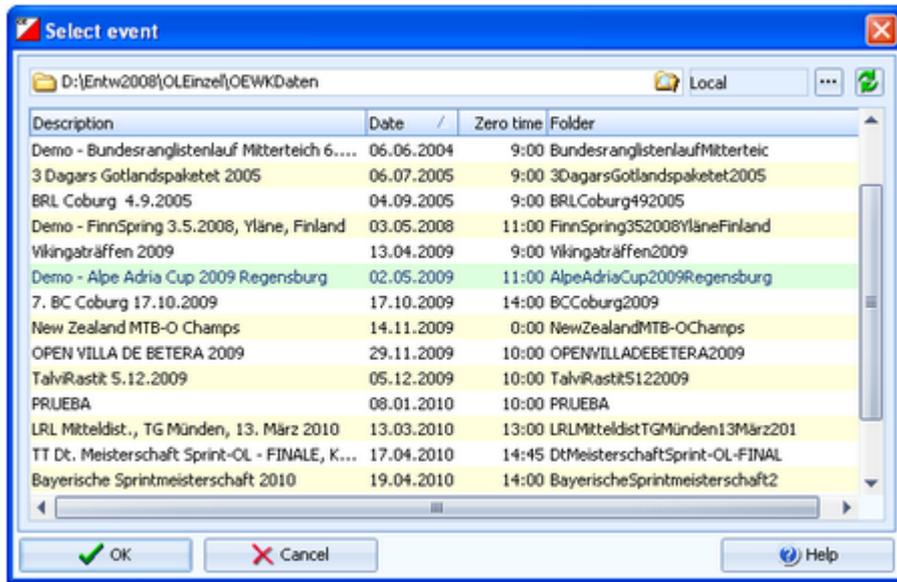
Just do so ...



.. and acknowledge with **OK**. Refer to [SportIdent settings](#) for more details.

## – Opening an existing event

By default, the last used event will be opened automatically when you launch OE2010. To select another event, click on **Event - Select** or the **Select event** toolbar button .



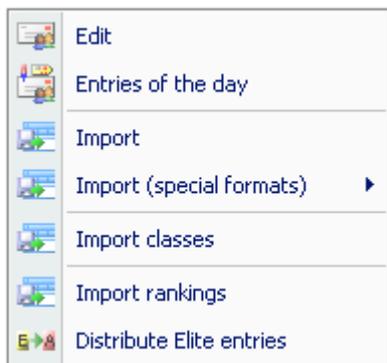
The obvious first task with a new event is [defining the classes and entering the entries](#). However, sometimes you may want to begin with defining the [courses](#).

### See also

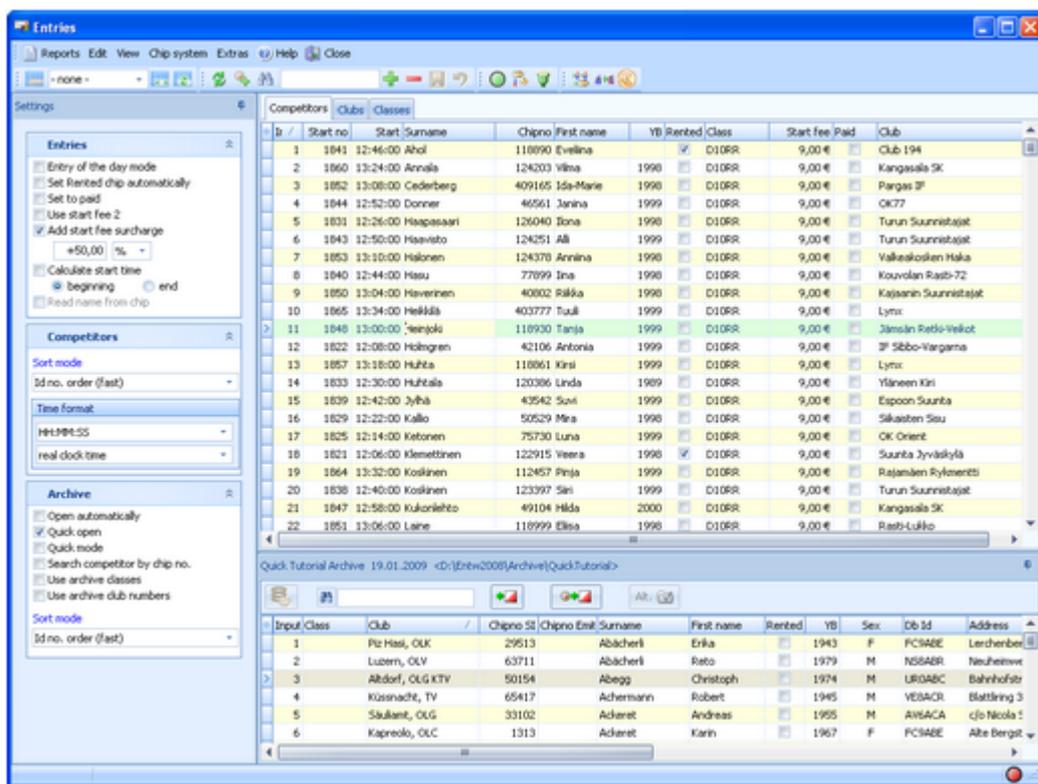
[Managing events - Task based help](#)

## 3.4 Managing entries

The **Entries** main menu topic offers you all functions which are necessary for working with the entries.



With **Entries - Edit**, you open the **entries form**. The entries form has three grids where you can edit competitors, clubs and classes. Look at the tabs at the top of the data grid.



If you need more details about editing in the data grid, have a look into the [data grid reference](#).

### — How to enter classes

Normally the first task is to enter the classes. Click on the **classes tab** **Classes** to display the classes grid. Just enter them as given in your invitation. You need not to take care of the class numbers. They will be preset to the next available value. However, to have more flexibility for later additions, you may prefer to enter class numbers in steps of 10. Have a look into the demo events to get a feeling about suitable class short and long names as well as class numbers.

Competitors		Clubs		Classes		
* No /	Short	Long	Start fee	Sex	Age from	
10	D21E	D 21 Elite	10,00 €	F	21	
20	H21E	H 21 Elite	10,00 €	M	21	
100	D10	D -10	7,00 €	F	0	
110	H10	H -10	7,00 €	M	0	
120	D12	D -12	7,00 €	F	11	

For more details, look at the [Classes reference](#).

If you are using the archive, you may already have a well defined [class table template](#) (offered from your federation) for your event. Then copy this class table from the archive into the event and use this as your starting point. For more details see the [Copy classes into the event reference](#).

## – How to enter competitors (entries)

Be sure that you are displaying the [competitors grid](#) Competitors. Select **View - Layout: Pre entries**. This will change the layout of the grid, so that you only see those columns which are important right now. Just begin to enter some names.

To enter a class, click on the dropdown button in the class field  and select one. You can also use the keyboard. Just begin with the first character of the class. Then the class list will popup. Play a bit around what happens if you type further to get a feeling for that. You can also move with the [arrow keys](#) in the list and finally enter the class by **Enter**.

Entering the club just works in the same way as with the class. However, there is one difference. To insert a new club, you can use the [Insert club button](#)  in the menu. For more details, see the next paragraph.

Competitors		Clubs		Classes				
* Input order	Chipno	Surname /	First name /	YB	Class	Start fee	Club	
1127	91819	Kössi	Santeri	1992	H16A	11,00 €	Lapuan Virkiä	
1340	122574	Kotamäki	Iivo	1982	H21A2	14,00 €	Ikaalisten Nouseva-Voima	
1631	81903	Kotilehto	Jukka	1969	H35AL	14,00 €	Vesaisen Pojat	
1666	90222	Kotro	Petri	1964	H40A	14,00 €	Kymin Suunnistajat	
1074	91968	Kotro	Tuomas	1993	H15	11,00 €	Kymin Suunnistajat	
242	01967	Kotro	Wilma	1992	D11	14,00 €	Kymin Suunnistajat	

To enter **entries of the day** or **direct entries**, you have two possibilities.

You can **stay in this entries form** and check the option **Entries - Entry of the day mode**. Select **View - Layout: Entries of the day**. This will look similar to the Pre entries layout, but additionally with start number and start time. **Sort the table by input order**. You have also some more options on how to calculate the next available start time, or add start fee surcharges for late entries. You can read the competitor's name from his chip if you like (SportIdent SICard6 and newer only).

Or you can use the **special entries of the day form: Entries - Entries of the day**.

In both cases, you will see the **EOD panel**:



This will help you to control the allowed number of entries for direct classes. When saving a new entry which exceeds the maximum number of competitors in this class, you will get a warning.

For more details on editing entries, see the [Entries reference](#) and the [Entries of the day reference](#).

## – How to enter clubs

The quickest method to enter a new club for a new entry is to use the [Insert club button](#) . This will display the [club dialog](#) where you can enter the new club. You can also display the [clubs grid](#)  and enter there.

Competitors Clubs Classes						
*	No	City	/	Cl.name	Nat	Meldung
	15	Berlin-Schöneeweide		ESV Lok		Klaus Schlittermann, , Gütthlander Straße 14, , 125
	16	Bernried		WSV		Georg Biller, , , , ,
	17	Bielefelder Ski-Club				Günter Brusdeilins, , Hollensiek 2, , 33619, Bielefe
	18	Bielefelder TG				Katharina Deuber, , Dürerstr. 44, , 33615, Bielefe
	1001	Bierbach		TV 05		Thamar Guggemoos, , , , ,
	19	Bottrop		DJK Adler		Dieter Schlaefke, , Geschwister-Scholl-Weg 3, ,

For more details on editing clubs, see the [Clubs reference](#).

## – How to use the archive

The archive is normally a national database which includes all runners of the country. This can be used to speed up the entries input. Think about such fields like Chip number, Database Id and address which are quite time consuming and error-prone to be entered manually. In many countries the O federation maintains such a database which is ready-to-use for the SportSoftware. You may ask your federation or other SportSoftware users in your country for that.

First have a look on how to [select, create and edit archives](#) with OE2010.

You can see the characteristics of the current archive in the [Archive tab](#).

Quick Tutorial Archive 19.01.2009 <D:\Entw2008\Archive\QuickTutorial>

Move the mouse over the tab and fix the archive panel with the pin .

First you will see an empty table. Just click on the [Open archive](#)  button to open it. You can check the option [Archive-Open automatically](#) to have it opened automatically the next time.

Quick Tutorial Archive 19.01.2009 <D:\Entw2008\Archive\QuickTutorial>											
Input order	Club	/	Chipno	SI	Surname	First name	Class	YB	Sex	Db Id	Address
5326	Argus Seon, OLK		37667		Wild	Sonja		1988	F	JQ1W15	Hauptstr. 63, , 5113,
5330	Argus Seon, OLK		6501		Wildi	Julia		1970	F	MN3W1J	Rosenweg 9, Postfach
5331	Argus Seon, OLK		25144		Wildi	Koni		1965	M	EV0W1K	Kretenweg 6, , 5102,
5344	Argus Seon, OLK		24312		Wipf	Thomas		1968	M	PK8W1T	Fliedenweg 8, , 5703,
5420	Argus Seon, OLK		36173		Wyss	Elke		1962	F	JW7W1E	Lümenstr. 275, , 4714
476	Balzthal-Gäu, OLG		40410		Blanke	Martina		1966	F	MV9BLM	Maienstr. 24, , 4600

Now you can search for the desired competitor and then [doubleclick](#) on him to insert him into the event. You can also move using the arrow keys and press **Enter** to insert a competitor. The third choice is to click on the [Copy](#)

[Competitor](#)  button.

Do so with all competitors. Of course, there will be some competitors who are not in the archive. Simply enter them manually.

For more details on using the archive in the entries form, see the [Using the archive reference](#).

For more information on how to set up and manage archives, see [Managing archives - Task based help](#).

## – How to manage start fees

In the [class table](#) you can enter the start fees per class. When you enter a new competitor, his [individual start fee](#) field will be filled with this value from the class. If you for any reason decide that this is not suitable, just modify the

individual start fee.

There are also some fees which must be entered for the club, like chip rent fee or accommodation, etc. You can define those [extra fees](#) by clicking  which will show the [start fee settings dialog](#). In the club grid, you can enter the numbers how much items of a specific extra fee a club has ordered.

For more details on start fees, see the [Entries](#), [Classes](#) and [Clubs](#) references.

### - Importing entries from external sources

There are numerous web sites which offer an online entries service. In the leading orienteering countries, this is offered by the federation. OE2010 allows an easy, flexible and transparent mix of both imports and editing entries manually.

For more details on web services, see [Interacting with web services - Task based help](#).

### - Reports

There are various reports available in the entries form. Just try and explore them!

For more details, see the [reports reference](#).

#### Note

**Don't forget regular [backups](#)!**

#### See also

[Entries Overview](#)

[Archive reference](#)

### 3.5 Course setting

The course setting is obviously one of the core tasks when organising an O event.

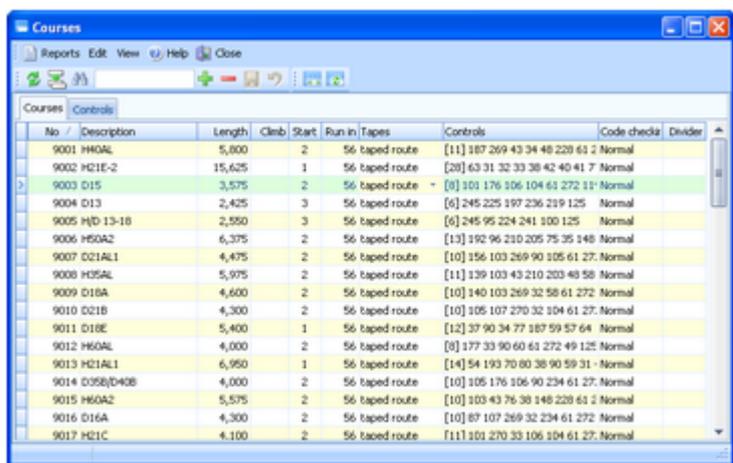
It is also most important to get the courses and controls into the event data without any mistakes. Only then the competition and the automatic code checking will run smoothly.

You have two choices to get the courses into OE2010: either you *enter them manually* or (more common) you *import* them from [OCAD](#) or [Condes](#).

The **Courses** main menu topic offers you all course setting functions.



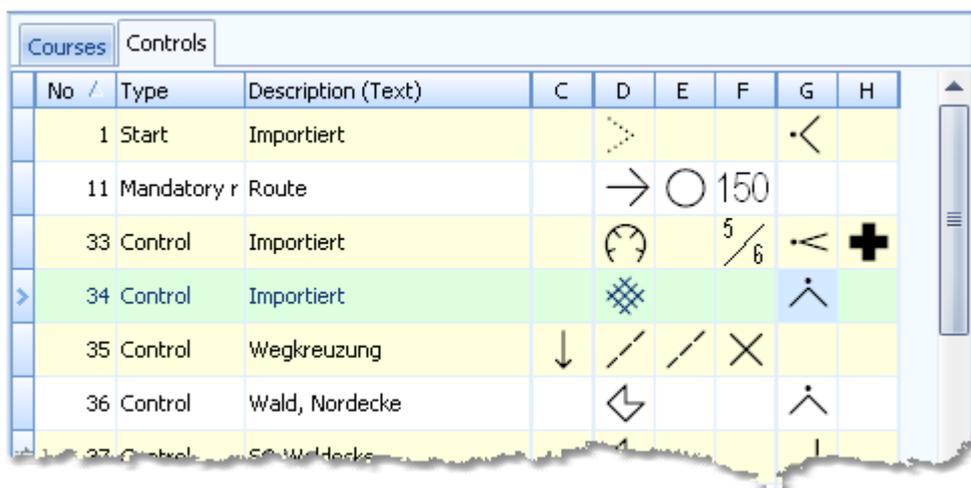
With **Courses - Courses**, you open the **courses form**. The Courses form has two grids where you can edit courses and controls. Look at the top of the data grid.



If you need more details about editing in the data grid, have a look into the [data grid reference](#).

#### How to enter controls

Before you can enter any course, you must have defined the controls. Click on the **controls tab** Controls to display the controls grid. Just enter them and optionally add the control descriptions.

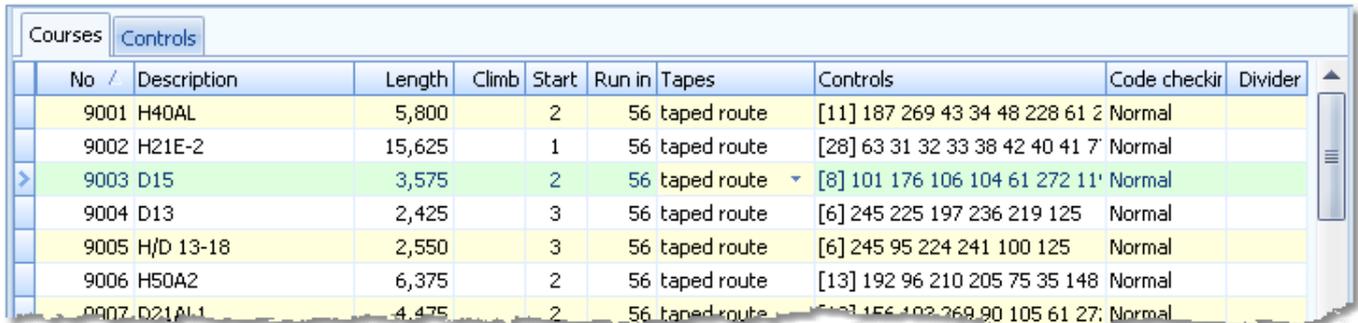


For more details, look at the [Controls reference](#).

## – How to enter courses

Be sure that you are displaying the [courses grid](#) .

Enter the courses each after another. You need not to take care of the course numbers. They will be preset to the next available value. However, to have more flexibility for later additions, you may prefer to enter course numbers in steps of 10.



No /	Description	Length	Climb	Start	Run in	Tapes	Controls	Code checkir	Divider
9001	H40AL	5,800		2	56	taped route	[11] 187 269 43 34 48 228 61 2	Normal	
9002	H21E-2	15,625		1	56	taped route	[28] 63 31 32 33 38 42 40 41 7	Normal	
9003	D15	3,575		2	56	taped route	[8] 101 176 106 104 61 272 11	Normal	
9004	D13	2,425		3	56	taped route	[6] 245 225 197 236 219 125	Normal	
9005	H/D 13-18	2,550		3	56	taped route	[6] 245 95 224 241 100 125	Normal	
9006	H50A2	6,375		2	56	taped route	[13] 192 96 210 205 75 35 148	Normal	
9007	D21A1	4,475		2	56	taped route	[13] 156 103 269 90 105 61 27	Normal	

For more details on editing courses, see the [Courses reference](#).

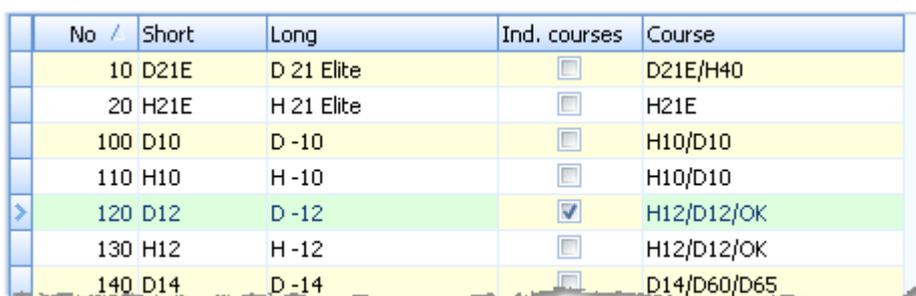
## – Importing courses

Today most O organisers are using OCAD or Condes for the course setting. And mostly this part is done by somebody different to the edp responsible. Via [Courses - Import](#), you can import the courses into OE2010. Depending on which export format you are using from OCAD/Condes, the assignments to classes and competitors will be imported, too. For more details, see the [Import courses reference](#).

## – How to assign courses to classes and competitors

To enable the automatic code checking, the courses must be assigned to the classes. If some or all classes are running individual courses, then the courses must be assigned to those competitors individually. If you had imported the courses, then sometimes the assignments had already been imported also, depending on the import format you had used.

To [assign courses to classes](#), click on [Courses - Classes](#) which opens the respective form with its grid.



No /	Short	Long	Ind. courses	Course
10	D21E	D 21 Elite	<input type="checkbox"/>	D21E/H40
20	H21E	H 21 Elite	<input type="checkbox"/>	H21E
100	D10	D -10	<input type="checkbox"/>	H10/D10
110	H10	H -10	<input type="checkbox"/>	H10/D10
120	D12	D -12	<input checked="" type="checkbox"/>	H12/D12/OK
130	H12	H -12	<input type="checkbox"/>	H12/D12/OK
140	D14	D -14	<input type="checkbox"/>	D14/D60/D65

If a class is running [individual courses](#), then check the [Ind. courses](#) flag and don't enter a course here (although this had been done in the above screenshot). Instead, you have to open the [Assign Competitors - Courses](#) form via [Courses - Competitors](#) and [assign the courses to those competitors](#) individually.

* Input	Start r /	Chipno	Surname	First name	Class	Club	Course
> 1569	1	93320	Mattila	Tuomas	H21E	Vehkalahden Veikot	H21E-1
1551	2	59396	Hämälistö	Sami	H21E	NOR-Halden Skiklubb	H21E-2
1536	3	123425	Fabritius	Mikael	H21E	OK Orient	H21E-1
1545	4	117676	Heikka	Janne	H21E	Delta	H21E-2
1597	5	102901	Väre	Teemu	H21E	Paimion Rasti	H21E-1
1584	6	100335	Reitti	Mikko	H21E	OK Orient	H21E-2
1546	7	408008	Heinonen	Mikko	H21E	MS Parma	H21E-1
1586	8	94406	Saarijärvi	Hannu	H21E	Tampereen Pyrintö	H21E-2
1579	9	76639	Nurmonen	Antti	H21E	Kalevan Rasti	H21E-1
1582	10	408189	Rafana	Mikko	H21E	MS Parma	H21E-2

**Note** that in this table only those competitors are displayed who really run individual courses.

For more details on individual courses and assigning courses, see the [Assign Classes - Courses](#) and [Assign Competitors - Courses](#) references.

### – How to print control descriptions

If you had entered the control descriptions into OE2010, you can print them. OE2010 offers more comfort for this functions than f.ex. OCAD, so give it a try. However, they can't be imported from OCAD.

Each of the courses functions includes its special control sheet printing function. F.ex. the Assign classes to courses function will print the control descriptions by classes and not by courses. You can print the IOF sheets as well as text-based descriptions.

### – Reports

Besides the overviews (f.ex. all courses with their class assignments), you have some summary reports which show how many competitors run on a specific course or control. Just try and explore them!

For more details, see the [reports reference](#).

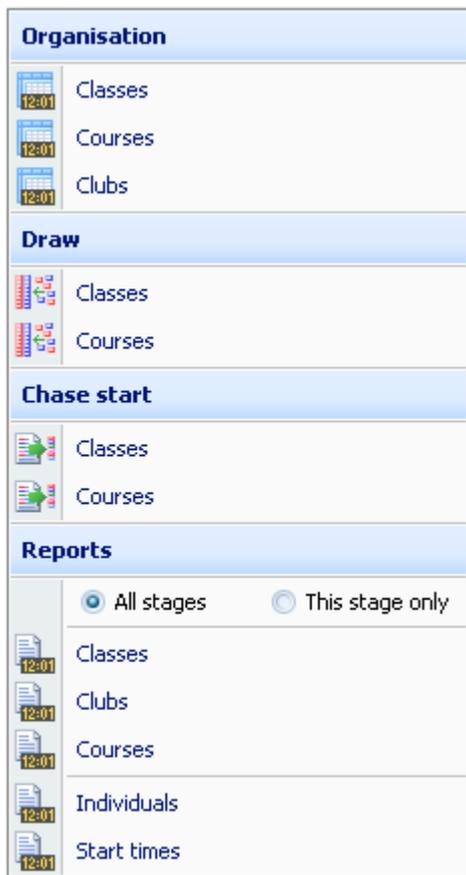
### See also

[Course setting reference](#)

## 3.6 Creating start lists

If you have pre-entries and your event is a ranking or championship competition, then you will most likely need to create a start list with predrawn start times.

The **Start list** main menu topic offers you all functions to create the start list and to display start list reports



### – Preparing the start list draw

With the [Start list organisation](#), you define the basic structure for the start list draw.

A start list can only be drawn without errors if there is an error-free underlying organisation. For instance, you have to ensure distributing start numbers uniquely. Within a single start box, there must not be any start time with two runners starting. As a basic rule, equal start intervals should be maintained within each class. Building up the start organisation visually on screen, you can fulfil all these preconditions easily.

Besides the normal overview report, OE2010 provides a comprehensive check report and an automatic adjust function if you had received many late entries.

In most cases you will draw the start list by classes. Then you have to do the necessary definitions with **Start list - Organisation - Classes**. For more details, see the [Start organisation by classes reference](#).

It is also possible to draw the start list by courses or in a manner which allows the members of the same club having their start times within a predefined time range. For more information on that, see the [Start organisation by courses](#) and [Start organisation by clubs](#) references.

### – Performing the start list draw

If you had defined the start organisation by classes or clubs, then you can draw the start list using **Start list - Draw - Classes**.

If necessary, you can modify the result of this draw by simply dragging competitors to the desired start times. You can also distribute the start numbers there and separate the competitors of each club if the rules demand that. For more details see the [Start list draw - Classes reference](#).

The start list draw by courses works in the same way. See the [Start list draw - Courses reference](#).

## – How to modify/enter start times manually

There are several ways how to modify or enter start times manually.

- **Editing Entries**

You can sort the entries table by classes and start times and enter or modify the times manually. Use this method if you want to assign extraordinary start times for some reason or if you defined start times without any draw at all. See also the [Entries reference](#).

- **Dragging/editing within the start list table**

If you want to change start times according the start organisation, then invoke the start list draw form and drag the respective competitors into the right places. If you want to assign an extraordinary start time to a competitor, you can either drag him in the overview table or you can enter his start time manually in the bottom competitor panel. For more details see the [Start list draw - Classes](#) and [Start list draw - Courses](#) references.

- **Editing the start time in Evaluate Chips**

This is recommended if you want to change a start time after the competitor had finished. See also the [Evaluate chips reference](#).

## – Publishing start lists

Before the event, you will have to publish the start lists in the web. Use the HTML upload function if you want to publish the HTML output of OE2010 directly or upload an export file if the web site renders its own format. If you are publishing HTML pages, check out if the fonts and columns are sized properly before you upload the files.

At the competition, you will need numerous printed start lists for different purposes. Don't forget the start lists for the start personnel. With OE2010 you can print customized start lists by start times down to the level of a single start place or start box.

For more information, have a look into the [Start list reports](#) and [Upload files](#) references.

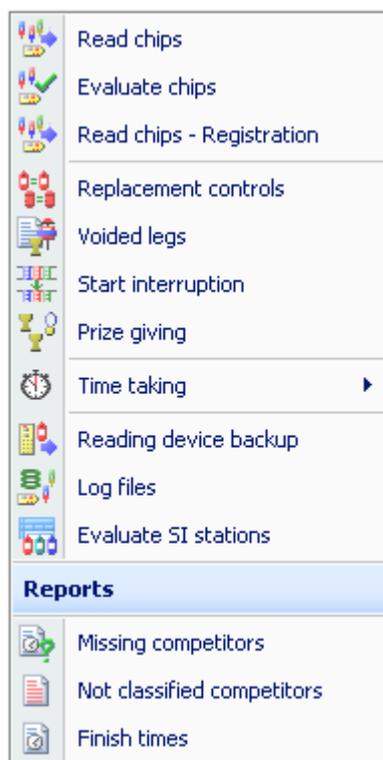
### See also

[Start list reference](#)

### 3.7 Running the competition

This topic gives you a short overview about the main tasks during the competition. Have also a look into the [Advanced tasks](#) chapter for more specialized tasks during the competition day.

They are available in the **Competition day** main menu topic.



#### – Setting up the computer environment

It should be obvious that you must have all the PCs, printers and other components **tested and set up before** the competition day! Think about the network, the peripheral units incl. printers and chip system devices and testing OE2010 in that network.

This will allow you a quick and smooth assembling at the competition day.

See also the [Working in a network - Task based help](#) and the [Working with restricted user rights - Task based help](#).

#### – Reading (downloading) chips

Reading the chips in the finish will deliver you uptodate results during the running competition.

There are **two different download functions** available. Normally you should use the **Competition day - Read chips**. For small events without pre-entries the special function **Competition day - Read chips - Registration** is designed. Depending on the load in the finish chute, you may need to provide several download PCs in the network running the Read chips form. However, with the modern USB read devices both from Emit and SportIdent it is also possible to run **two ore more Read forms** with one device connected to each **on the same PC**.

For more information, see the [Read chips](#) and the [Read chips - Registration](#) references.

#### – Not started competitors

An important task which protects you from waiting for missing competitors in vain, is registering the not started competitors towards the end of the competition. There are two ways how to do.

If you are maintaining a start protocol, then use this to enter the not started competitors. The best place for this is the **Competition day - Time taking - Manual input** function. See the [context help](#) of this function for more information.

However, in the time of electronic punching systems, this is no longer necessary, especially with the SportIdent

punching system. You can use start, check or clear stations to record the competitors at the start. Then you can read the backup memories of those stations into OE2010 and find out who did not start. This is the **Competition day - Evaluate SI stations** function. See the [context help](#) of this function for more information.

### - Handling all issues around the chips

The **Competition day - Evaluate chips** form is one of the most important working areas during the running competition. Here you can handle all issues with (wrong) chip assignments, check mispunches, modify chip contents, and more. See the [context help](#) of this function for more information.

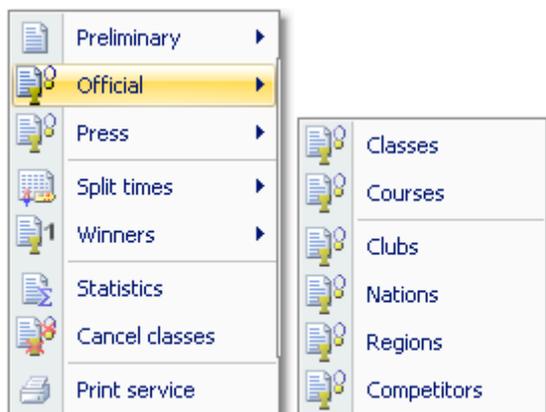
### - Retrieving useful information

Towards the end of the competition, several reports may become important, f.ex. the [Missing competitors](#) report. You find them under **Competition day - Reports**. See the [Reports \(Finish\) reference](#).

The **Competition day - Prize giving** report delivers you useful information about which classes are ready for the prize giving. See the [Prize giving reference](#).

### - Publishing results

You find the result reports under the main menu topic **Results**.



During the competition you can continuously publish results, either in printed form or uploading them to a web site using the HTML or another export. There are numerous different result formats for different purposes. The main types are the preliminary, split times and official reports. It is possible to have the results printed and/or uploaded to the web automatically. See the [Result Reports reference](#).

#### Note

**Don't forget regular backups during the event!** Have a look into [Data security - Task based help](#).

#### See also

[Competition day reference](#)

[Results reference](#)

[Data security - Task based help](#)

## 4 Advanced tasks

The topics in this section describe all the tasks which are not described in the [Quick start tutorial](#) section. Some topics do just provide more details compared to the Quick start section, others do describe tasks which are not basically necessary to organise an O competition.

Nevertheless, it is good to know about them and this may help you to simplify your work as an O organiser. Many of those functions had been implemented based on user requests, so not only I myself but also every user should profit from how they are doing the things!

There are also those functions described which are only available if you own the [Pro version](#).

For reference purposes, you can use the table of contents as an index. Just pick out the task you need more information, look there and follow the links given to the reference section.

### More information

---

In the [Quick start tutorial](#) you find all the tasks which are essential for organising an orienteering competition.

The OE2010 setup has installed several **demo events** which had actually taken place. Many thanks to the organisers who allowed me to include their events here. These are multi day and single day events. Besides working on your own event, you may always check out how things had been done in the sample events.

## 4.1 Managing events

Differently to previous SportSoftware versions, the SportSoftware V11 has a **new data organisation** which follows the standard which is defined by Windows XP, Vista, Win7 and newer Windows versions. Basically this means that the application settings like report layouts, the event data and also the archive data must not be saved in subfolders of the installation folder (like it had been the case with SportSoftware V10 and older). Instead, since Windows XP there are special user folders designed for that. With the SportSoftware V11, you can use predefined folder sets or define your own ones.

If you need more information about this subject, please read carefully the [Application folders reference!](#)

The **Event** main menu topic offers you all functions which are necessary for managing multiple events.



On starting, OE2010 always selects the previously selected event. Via **Event - Select** or the [Select event toolbar button](#) , you can select another event. See the [Select event reference](#) for more details.

To create a new event use **Event - New**. This will display the event settings dialog, where you can enter the characteristics of the new event. Look at the [Create a new event reference](#) to learn more.

If you want to modify the event settings later, use **Event - Settings**. See the [Event settings reference](#) for more details.

In the course of time old events, saved event status, or even test data will enlarge the event selection list unnecessarily. To delete an event, use **Event - Delete**. See the [Delete event reference](#) for more details.

Do not forget backing up your current event after each working session with OE2010. It is also recommended to make regular backups during the competition. This is the function **Event - Backup**. See the [Backup event reference](#) for more details.

If you followed a well thought out backup strategy, you have the chance to restore your event data in error cases. Use **Event - Restore** which is described in detail in the [Restore event reference](#).

Due to faulty network settings or other reasons (you can't imagine what can happen...) you may have got corrupted data. You can try to repair this yourself using **Event - Repair**. See the [Repair event reference](#) for more details.

You may wish to duplicate an event, for example as a simple backup. Or you might wish to keep intermediate status of an event for later reuse. Or you may wish to use parts of a previous event as a starting point for the new one. This all can be done with **Event - Copy**. See the [Copy event reference](#) for more details.

### See also

[Beginning with the event](#)

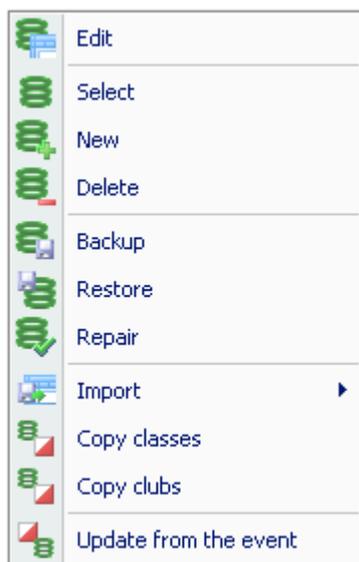
## 4.2 Managing archives

Differently to previous SportSoftware versions, the SportSoftware V11 has a **new data organisation** which follows the standard which is defined by Windows XP, Vista, Win7 and newer Windows versions. Basically this means that the application settings like report layouts, the event data and also the archive data must not be saved in subfolders of the installation folder (like it had been the case with SportSoftware V10 and older). Instead, since Windows XP there are special user folders designed for that. With the SportSoftware V11, you can use predefined folder sets or define your own ones.

If you need more information about this subject, please read carefully the [Application folders reference](#)!

For using the archive, this means a special advantage. Since you can define the same archive root folder for all SportSoftware applications, this means *that you can use exactly the same archive* from all SportSoftware applications simultaneously!

The **Archive** main menu topic offers you all functions which are necessary for managing multiple archives.



On starting, OE2010 always selects the previously selected archive. Via **Archive - Select**, you can select another archive. See the [Select archive reference](#) for more details.

To create a new archive use **Archive - New**. This will display the archive settings dialog, where you can enter the characteristics of the new archive. Look at the [Create a new archive reference](#) to learn more.

To edit the archive, means the competitors, club, classes and the settings, use **Archive - Edit**. See the [Edit archive reference](#) for more details.

In the course of time old archives, saved archive status, or even test data will enlarge the archive selection list unnecessarily. To delete an archive, use **Archive - Delete**. See the [Delete archive reference](#) for more details.

Do not forget backing up your current archive after each session where you had edited it. This is the function **Archive - Backup**. See the [Backup archive reference](#) for more details.

If you followed a well thought out backup strategy, you have the chance to restore your archive data in error cases. Use **Archive - Restore** which is described in detail in the [Restore archive reference](#).

Due to faulty network settings or other reasons (you can't imagine what can happen...) you may have got corrupted data. You can try to repair this yourself using **Archive - Repair**. See the [Repair archive reference](#) for more details.

Usually, you will create the competitors' archive by an import from an external database. This is done via **Archive - Import**. See the [Import archive reference](#) for more details.

Due to the import from a federation database, you may already have a well defined **class table template** for your events. Then copy this class table from the archive into the event using **Archive- Copy classes** and use this as your starting point. For more details see the [Copy classes into the event reference](#).

Sometimes it may be preferred to [Copy the clubs from the archive](#) into the event beforehand: **Archive - Copy clubs**.

OE2010 provides a comfortable function to maintain the archive based on event data: **Archive - Update from the event**. This function works perfectly if the event had been computed using the same archive, but it is also easy to use if the archive had not been used in the event. For more details see the [Update archive from the event reference](#).

**See also**

[Managing entries - Task based help](#)

## 4.3 Interacting with web services

OE2010 can interact in various ways with web services which offer different tasks. In the leading orienteering countries, the federation is responsible for a central web service which offers most tasks mentioned in this topic. There are also many web sites offering their services for online entries, online results, split times, etc.

### – Maintaining the archive

In most countries, the archive is offered ready-to-use for OE2010. You can just download the archive backup and restore it. See the [Restore archive reference](#) for more information.

In other countries, import files are published by a central place, mostly the federation. You can import them into OE2010. See the [Imports into the archive reference](#) for more details. However, with large archives like those in Sweden, Finland and Switzerland, the import will take some time. So providing a ready-to-use archive should be preferred in that case.

One important topic is the class table. A template can be included in the archive (even if the competitors therein are not assigned to classes), which can be copied into the event and customized for the particular event. See the [Copy classes into the event reference](#).

### – Entries and start lists

There are numerous web sites which offer an online entries service. Almost all of them do support the CSV interface to OE2010 or the IOF XML format. Use the export of the entries reports and the entries import to exchange data with those web services. See also the [Reports](#) and [Import entries](#) references.

Sometimes the class table of the event can also be provided by the entry service. Then you can import this file into OE2010. See the [Import classes reference](#).

Mostly you will also publish the start lists at those sites.

### – Results

During the event, you can continuously upload automatic results or intermediate times to a web site for online reporting. See the [Result Reports reference](#).

After the event, you can upload the official results and split times. There are numerous services for visualization of split times available, sometimes together with displaying the routes on the map. Nearly all of them support the OE2010 CSV format or at least the IOF XML format.

### See also

[Managing archives - Task based help](#)

[Import entries](#)

[Reports](#)

## 4.4 Handling teams

OE2010 is basically designed for individual runners. But it is also possible to handle [teams](#) with OE2010. This is common for beginner's classes. Theoretically, OE2010 can support teams with an unlimited number of members. In practice, this is limited by the space which is available in the name column of the result reports. So this should be [3 members per team](#) as a maximum.

The basic rule is that the team members start, run and finish together. The chip of the [team leader](#) counts for the whole team.

### – Predefinitions for teams

There is no pre-definition for teams necessary, f.ex. with the class. It is possible to have both teams and individuals in the same class.

### – Entries

You can enter all team members individually as usual. Use the [Team](#) column to assign the competitors to the right teams. Basically a team's members are assigned to another competitor of the same class and club, who will be called the [team leader](#).

See the [Entries reference](#) for more details.

### – Computing teams

Normally a team should carry a single chip which must be assigned to the team leader. For the result, [only the chip of the team leader counts](#). This means the code checking, the start punch and the finish punch. Other team members may carry their own chips and punch with them (much fun for kids!) but they will not be computed for the team's result. If you had assigned the master chip to the wrong competitor, then you can easily correct that by switching chips in [Evaluate chips](#).

See the [Evaluate chips](#) reference for more information.

### – Teams in reports and export files

In the [entries and start fee reports](#), all competitors are displayed and counted individually. There is an optional column for the [team](#) which shows the team leader if applicable.

In [start list and result reports](#) and the speaker function, there is only a single line for the team. The names of all members will be given in the [Name](#) column. Extend this column if this looks as too small.

In [import/export files](#), the [team assignments are not included](#). You have always to take care of assigning them manually in the right way.

### See also

[Entries reference](#)

[Start list draw - Classes reference](#)

[Start list draw - Courses reference](#)

[Start list reports reference](#)

[Evaluate chips reference](#)

[Result Reports reference](#)

## 4.5 Chip systems

The SportSoftware V11 for orienteering supports the two existing chip systems **SportIdent** and **Emit**. OE2010 had been specially designed to make using those electrical systems as easy as possible for you and to provide you the best benefit. Of course you can use OE2010 without any chip system also, but with pin-punching.

There are numerous functions which deal with the chip systems. Just click on the links to get more information on each topic.

General	<a href="#">Handling the chip system devices</a>
	<a href="#">Serial port settings</a>
	<a href="#">SportIdent settings</a>
	<a href="#">Emit settings</a>
Reading chips	<a href="#">Read chips</a>
	<a href="#">Read chips - Registration</a>
	<a href="#">Reading device backup</a>
Evaluation and results	<a href="#">Evaluate chips</a>
	<a href="#">Evaluate SI stations</a>
	<a href="#">Result Reports</a>
Speaker support	<a href="#">Speaker</a>
Other functions	<a href="#">Replacement controls</a>
	<a href="#">Log files</a>

## 4.6 Advanced competition day tasks

There are several functions under the **Competition day** main menu item which will not be used at the average event but they may help you to solve special issues or provide you more comfort during the event.

### – Replacement controls

It may happen that controls get lost or stop working during the event.

With **SportIdent**, you have the possibility to prepare some reserve stations in advance and use them to replace the faulty stations quickly. All you have to do is to enter the replacement. There is no extra preparation of a new station during the the competition necessary. These stations should carry code numbers which are not defined in the controls table.

With **Emit**, you may use this feature to put out controls with different code numbers for the same official code number.

You can also use this function to "correct" your own mistakes, f.ex. wrong code numbers at the wrong places. However, this is violating basic rules of the orienteering sport, so this may be used at low level events only.

See the [Replacement controls reference](#) for more details.

### – Voided legs

Sometimes you may wish to exclude a part of the course (one or more legs) from calculating the running time. For example, if the competitors have to cross a busy main road on their course, then the time required for the crossing should not be included. Now you can place one control on either side of the road and exclude the time of this "leg".

It is even possible to define any control of the course as the finish, means counting the time until this control only. For this, you just have to void all subsequent legs.

You can also use this feature to "correct" your own mistakes, f.ex. excluding wrongly placed or stolen controls from the course. However, this is violating basic rules of the orienteering sport, so this may be used at low level events only.

See the [Voided legs reference](#) for more details.

**Notice:** You may think about simply removing a faulty control from the course definition. However, this would not look reasonably on the split time results, so use the Voided legs instead.

### – Start interruption

Sometimes it may be necessary to have a start interruption. This may happen at large multadays where you have a compulsory public transport to the start and the finish area which may have arrived too late.

With this function you can shift all start times beginning at a specified one by a specified time interval. The action can be restricted to specific start places and/or start boxes if necessary.

See the [Start interruption reference](#) for more details.

### – Reading device backup

You can download the backup memory of a SportIdent or Emit reading device and insert the chips into the event. This function is often used if you had downloaded the chips into a standalone reading device, f.ex. the SportIdent printer set, and afterwards you want to load them into OE2010 to be able to publish the results.

At events with pre-entries, this function can be used to restore all or selected downloaded chips if they had been damaged or lost in the event data and if they can't be restored using the Log files function.

See the [Reading device backup reference](#) for more details.

### – Log files

For backup reasons, all downloaded chips will be saved in a local log file. This is useful for restoring after a crash or network problems. In the most cases, you may look for a single chip which may have become lost in [Chip evaluation](#) by removing it accidentally.

See the [Log files](#) function for more details.

### **– Automatic result print service**

Using this result print service function, you can offer a **print service point** at your competition, where the competitors can get instant results and their own split time sheet, using their chip as the key.

See the [Automatic result print service](#) function for more details.

#### **See also**

[Competition day reference](#)

[Results reference](#)

## 4.7 Speaker support

The **Speaker** main menu topic offers you all functions which you need to operate for the speaker support and the handling of the online controls.

This main menu item is available only if your license allows that, f.ex. OE2010 **Pro** version.



It should be mentioned here that the speaker functions are also **valuable without any radio controls**. A speaker can just watch what is happening in the finish based on the finish times which are delivered by the chip download.

### – Where are radio controls useful?

Normally the course setter defines from which controls intermediate times for the speaker should be reported. This can be out in the forest or a spectator control near or in the finish area. He should have in mind that there is a natural limit of how much information a speaker can master and talk about it. For example, it is never useful to have a radio control from half the course for all competitors at a sprint race. The load in the finish is so heavy there that the speaker would not be able to talk about intermediate times at all. One solution for that would be to have the most important (Elite) classes started later than the rest.

One application of radio controls which is very common also for smaller events, is the last control. The speaker can use the prewarning window which shows the competitors who are currently in the run-in. However, this does not make sense if the run-in is shorter than 400m, because then the competitor will most likely have finished before the speaker can talk about him. In this case, the last but one control would be the better choice. Then you could use a control which is specific for the interesting classes which would also improve the network performance because of less data flow.

At high level championships (if they are allowed to use finish punches at all...), the finish controls may be used to give the speaker the official time immediately. But this is not necessary for the ordinary event. You will get the official time from the chip download which should be done within some seconds after the finish.

### – About the hardware required

Receiving online punches continuously and watching at multiple speaker windows implies a heavy continuous workload on both the PCs and the network. Since the slowest PC determines the overall network performance, you need uptodate network switches (100M would be best) and uptodate PCs with high CPU and network performance. All PC units should be at appr. the same performance level, also those which are used for other tasks like downloading chips.

One word to WLAN: **never use WLAN!** Especially in a finish area where many people are using their mobile phones, there will be a very bad WLAN speed. And the rest of the (wired) network will have to stick to this speed also.

Of course everything works with slow PCs or a slow network also but a low performance (which could mean that online punches may take 15 seconds until they will be saved in the system) is not what the speaker needs to have.

Normally you would need multiple PCs which are destined for the various speaker tasks. At smaller events, it would be possible to have the (only one) speaker online client and the server window running on the same PC. The speaker

support windows where he is watching the competition must always run on extra PCs with no other task running there.

For more information about setting up the network see the [Working in a network - Task based help](#) and the [Working with restricted user rights - Task based help](#).

## – Setting up the radio controls

Of course, first you have to put out the controls and verify if all control stations and the radio components are working properly. To get the online punches into the event data, there are several functions of OE2010 involved.

### **Speaker - Radio controls**

Before the event, define the radio controls. See the [Radio controls reference](#) for more details.

If you have individual courses, then follow the guidelines given in the [Handling individual courses reference](#).

### **Speaker - Online monitor - Server**

Launch the server monitor at the (network) server. For more details see the [Online monitor for intermediate times \(Server\) reference](#).

### **Speaker - Online monitor - Client**

Connect the radio units or the directly wired online controls to the PCs in the network. In the times of USB ports, it may be possible to have multiple units connected to the same PC. If necessary, you should have the appropriate USB drivers installed. (This is a task which has to be done **before** the race...)

Launch the client monitor on every PC and for each of the devices which are connected to that PC. Every device which is connected to a specific port requires its own client monitor window. Be sure to set the right Com port and speed. See the [Serial port settings reference](#) for more information.

Verify that the online punches are working. Just punch at every control. The punch must be seen first in the client window and then in the server window.

For more details about the client monitor see the [Online monitor for intermediate times \(Client\) reference](#).

### **Speaker - Online monitor - Client - Web**

This is a similar function which collects the punches, but from a web server. Some radio punch systems collect the radio punches from the control stations and then send them to a web server. From there they can be downloaded using this function.

For more details about this client monitor with web connection see the [Online monitor for intermediate times \(Client - Web\) reference](#).

### **Speaker - Online punches update**

Launch this window on the (network) server. For more details see the [Online punches update reference](#).

## – Setting up the speaker environment

OE2010 offers two windows for the speaker.

### **Speaker - Speaker support**

This is the classic window for the speaker where he can watch what is going on with radio times and finish times for selected classes. You can also use it for simply [watching results without using any radio control](#). See the [Speaker support reference](#) for more details.

### **Speaker - Prewarning**

This window shows all punches at the selected control. So it is mainly designed for the last (or last but one) control to allow the speaker to announce incoming competitors. A quick result panel helps him to see where a specific runner is placed in his class. You can also use it for simply [watching finish times and quick results without using any radio control](#). See the [Prewarning reference](#) for more information.

You can have multiple speaker and prewarning windows open so that the speaker has much information available without having to operate or to switch between the windows. Use large screens and distribute the windows to several PCs if necessary.

## – Driving an external display device

With OE2010, you can drive an external display device so that it can display online information about intermediate times and finish times. These can be display boards in the finish or virtual "display devices" which display the information online on TV or in the internet. See the [Display board reference](#) for more details.

OE2010 offers a well defined [interface to external DLLs](#) which can be implemented by any 3rd party. See the

[OEDisplay DLL description](#).

## – Other speaker features

There are some more functions which help to provide the necessary information for the speaker and the spectators.

### **Speaker - Intermediate results**

During the competition, you can display and print the intermediate results from the radio controls. See the [Intermediate results reference](#) for more details.

### **Speaker - Manual input**

In addition to online connected controls, you may have other radio controls, from where you receive intermediate times, f.ex. by phone. You can enter them here. They will appear automatically in a speaker window of the appropriate class. See the [Enter intermediate times manually reference](#) for more details.

### **Speaker - Biographies**

Especially at top level competitions, you can support the speaker by offering a biographical text or other additional information about the competitors. This text can be displayed in the speaker window. The biographies can be imported from external sources. See the [Biographies](#) and the [Import biographies](#) references.

## See also

[Speaker reference](#)

## 4.8 Time taking

Besides the most common time taking method using the finish punch, you may have the need to enter finish times manually or use an external time taking system or the PC clock for time taking.

You find these functions under **Competition day - Time taking**. It depends on your license whether you can use all functions here.



So far the SportSoftware supports the [SportIdent](#), [Emit](#), [MicroGate](#) and [Alge](#) time taking systems. All of them can be used together with any of the two chip systems for identification.

### - When is external time taking useful?

The electronic punching systems SportIdent and Emit provide their own natural method of time taking. This is punching (optionally) the start time at the start and punching the finish time on the finish line. Even at sprint championships the finish punch had become popular.

So an external time taking will only be used where the rules demand it, f.ex. at high level championships with TV broadcasting like WOC.

### - About the hardware required

Like the radio controls and the speaker functions, also the time taking functions contribute to a heavy continuous workload on both the PCs and the network.

You need an extra PC which records the finish times with the time taking device connected to it. If you are recording the start times also, you could use the same PC and an additional time taking window but it is wise to have an extra PC for that task.

For more information about setting up the network see the [Working in a network - Task based help](#) and the [Working with restricted user rights - Task based help](#). See also the instructions given in the [Speaker support - Task based help](#).

### - Setting up the time taking device

Open the **right time taking window** which applies to your device.

Connect the time taking device and (if necessary) the control station for the identification punch to the PC. If necessary, you should have the appropriate USB drivers installed. (This is a task which has to be done **before** the race...)

Be sure to set the right Com ports and speeds for both devices. See the [Serial port settings reference](#) for more information.

Verify that the time taking and the identification punches are working. Just trigger a time and punch at the control. Both must be protocolled in the window.

Be sure to read the [Time taking - Basic principles reference](#) first and then the context help of the time taking window you are using.

### - Other time taking features

There are some more functions for the time taking available.

**Time taking - Manual input**

For some reasons, it may be necessary to enter finish times manually, f.ex. if you are using an external time taking system which had a failure for some time. However, the best known purpose of this form is that you can *enter not started competitors very quickly* here. See the [Manual input reference](#) for more details.

**Time taking - Network update**

During a network break the clients which collect the times and punches can switch to local mode (emergency mode) and just continue working locally. Later those times must be uploaded with this function from each client. See the [Time taking - Network update reference](#) for more information.

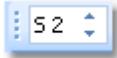
**See also**

[Time taking reference](#)

[Results reference](#)

## 4.9 Special multiday tasks

If you are working on a multiday event, then in many forms you will see the [stage selector](#).



Working in those windows is the same as when working on a single day competition but it applies to the selected stage. Often you can switch the stage to do the same work for the next stage, f.ex. the start list draw.

In other forms, the stage selector is deactivated just for display purposes, f.ex. the speaker window. Those forms will always use the stage only by which they had been invoked from the main menu.

See the [stage selector reference](#) for more information.

Some forms have just more input fields or columns available for stage specific data, like the [Event settings](#) dialog or the [Entries](#) form.

Please observe that the SportIdent and Emit settings must be defined for every stage individually. For more details have a look into the [SportIdent settings](#) and [Emit settings](#) references.

The [entries](#), [start list](#) and [result](#) reports let you choose whether you want to have a single stage only or all stages in the report.  All stages  This stage only

Some functions had been especially designed for multadays, but they can also be used (not so commonly) for single day events.

[Results - Cancel classes](#)

[Start list - Start organisation by clubs](#)

There is a single function which is available for multiday events only.

[Start list - Chase start by classes](#)

or

[Start list - Chase start by courses](#)

The [point scoring](#) is the only feature (not function) which is available for multadays only. You can find this in the [Result reports](#) and the [Chase start](#) function.

### See also

[Event settings reference](#)

[SportIdent settings reference](#)

[Emit settings reference](#)

[Entries Overview reference](#)

[Start list reference](#)

[Competition day reference](#)

[Results reference](#)

## 4.10 Data security

Especially when nobody expects it, computer hardware, especially hard disks, or the network may fail or humans will make mistakes. [Murphy's law]

The SportSoftware event applications are nothing else than serious business data processing applications like those you may be working with in your company. In such companies, precise and well-defined data security and backup strategies are a matter of course. A data loss may cost much money or ruin the company at all.

With orienteering event data, this is a similar scenario. A failure before the event may cost you much time to rebuild the data, and you won't be sure if you then have everything like before. A failure during the competition may stop and break it and you may not be able to provide results. By a failure after the event, you may lose all results if you did not upload them into the web yet.

To minimize your risk, OE2010 provides various functions and features which should help you here. However, you as the user are the one who must **DO** it!

### – Regular backups

OE2010 provides easy-to-use **Backup** and **Restore** functions. Using other backup methods is not recommended since they may not save all necessary data. In our days, the USB stick is the best backup medium. See the [Backup event](#) and [Restore event](#) references.

It is recommended to make a backup

- after every session before the event (mainly entries)
- just before the start list draw
- after the start list draw, before publishing the start lists
- just before the event begins on the competition day
- on a regular basis (30-60 mins) during the event
- after the event has been finished

Most important is the backup with the data before the event starts. This may serve as a basis for rebuilding the data later, using log files etc.

### – Log files

All functions which collect data, are saving their data into **local log files** also. OE2010 provides easy functions which you can use to restore anything out of the log files back into the event. The backup memories of the SportIdent master stations and the Emit MTR units are another kind of sources which could be used to restore data.

For more details, refer to the following references:

[Read chips](#)

[Read chips - Registration](#)

[Log files](#)

[Reading device backup](#)

[Online monitor for intermediate times \(Client\)](#)

### – Emergency mode

The **Emergency mode** helps you to overcome network breaks. The basic idea is that during a network break the data collecting clients can switch to local mode and just continue working locally. Later those chips and finish times can easily be read from the log file into the main event, after the network is up again.

For more details, refer to the following references:

[Read chips](#)

[Read chips - Registration](#)

[Log files](#)

[Time taking - Basic principles](#)

[Time taking - Network update](#)

**See also**

[Working in a network - Task based help](#)

## 4.11 Working with restricted user rights

The SportSoftware [supports working with restricted user rights](#). However, there are some preconditions to be observed.

When installing OE2010, the newer Windows versions (namely Vista and Win7) will raise the user rights where it is necessary. On WinXP and Win2000, be sure to install the software with admin rights.

Basically it is always [recommended](#) to run the SportSoftware with [admin rights](#). This had been the standard up to Windows Vista, so nobody did take care of that and the previous SportSoftware version 10.x did not experience any discussions about user rights. Now with Windows7 we have the situation that Win7's standard is the [restricted user](#). This is fully supported by the SportSoftware version 11 but you must ensure some preconditions.

OE2010 is working on three basic types of data files, which are the [application settings](#), the [event data](#) and the [archive data](#). See the [Application folders reference](#) for more details. The following instructions are valid both for local and network operation.

### – Setting up Windows

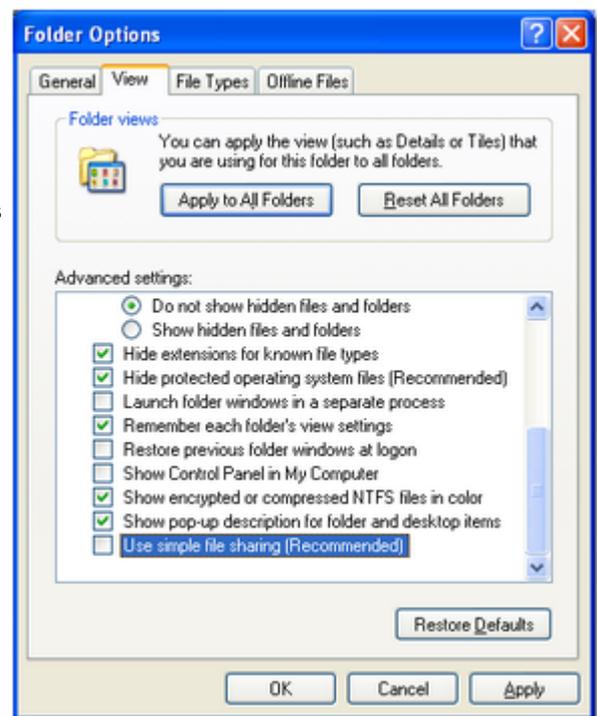
Beginning with Win2000, all Windows versions allow to [define precise access rights](#) for all files and folders down to a single-user-basis. However, this feature is hidden by default. To make it visible for you, open the [Windows Explorer](#)

Click on [Tools-Folder options](#). Select the [View tab](#).

[Deselect](#) the option [Use simple file sharing](#). Click on [OK](#) to save this.

This will display an additional [Security tab](#) with the properties of every folder or file. See the next paragraph.

**Notice:** This Windows security feature does work on hard drives using the [NTFS file system only](#). It does not work on the older FAT16 or FAT32 file systems which may still be installed on your WinXP or Win2000 system. If you have such a hard disk installed, then simply always work with admin rights and don't care about this chapter.



### – Setting up the folder access rights

To be able to work on any data and settings files, OE2010 requires full read/write access to the required folders and files. By default, Windows (all versions) grants full access only to privileged users with admin rights and to the owner (creator) of the files.

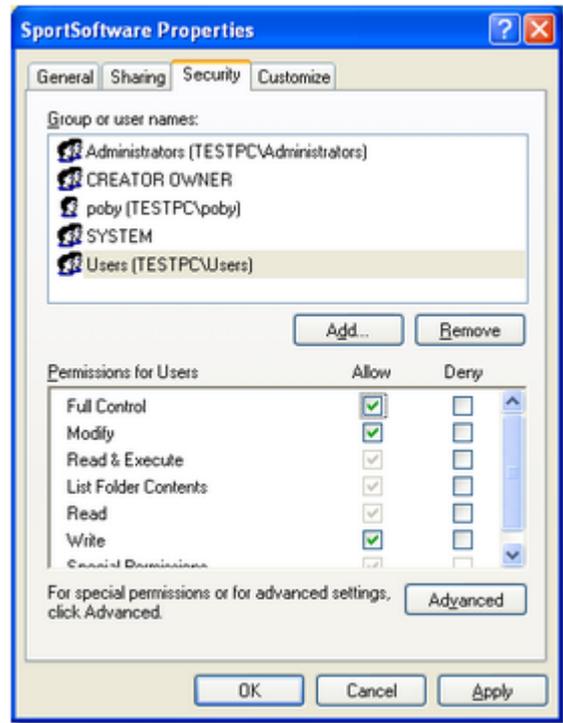
This means f.ex.

- If an administrator had set up the application settings path or created an event or archive, they will not be accessible for any other user with restricted rights.
- If a restricted user had set up the application settings path or created an event or archive, they will be accessible for him and every user with admin rights but not for other restricted users.

To overcome this, you have to set full access rights manually for the required folders. If you are using a reasonable folder organisation, then it will be sufficient to set the rights for the common root folder only. Those rights will be inherited automatically by all folders and files below this folder.

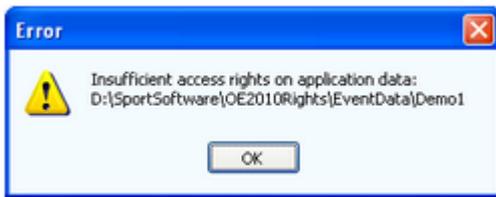
For example, if you are using the recommended [SportSoftware standard for application folders](#), you simply have to set the rights for the folder `C:\SportSoftware`.

*Right-click* on the folder name in the explorer and select **Properties**. In the properties dialog, select the **Security** tab. You may find the Administrators group selected which has full access rights by default. Select the group **Users** below that. Check the box for **Full Control** and save this setting by **OK**.



## – Troubleshooting

OE2010 will prompt you if it detects that you don't have the necessary access rights on any data.



This check is done wherever it seems to be reasonable, f.ex. when [selecting an event](#). To fix this, please check out the rights for all users on that folder and all parent folders. See the instructions given above.

## Disclaimer

The author refers to his common license agreement. With the current state of PC technology, it is not possible to implement a software running under MS Windows, which behaves equal with all possible configurations. The author offers his assistance for troubleshooting.

## See also

[Application folders reference](#)

[Working in a network - Task based help](#)

## 4.12 Working in a network

Please ensure that you had understood the principles which are explained in the [Application folders reference!](#)

The SportSoftware [supports networking](#). From the users' view, this means that multiple PCs can access the same event or archive concurrently, which is saved on a central PC's hard disk. In the following, the central PC is called the **server** while the others are called the **clients**.

Each PC node must have [the application installed locally](#). On a first glance, it looks like this would be not necessary for the server, but there are strong reasons to do so, see below.

OE2010 should always be installed locally and be launched from the local hard disk. Experienced network users could think about installing the application on the server only and run it from there on all clients. With the V11 Application folders concept, this would be possible but it is not according the idea of the SportSoftware. Think about what you will do at network breaks. No further processing possible...

**Only** the [event data](#) and the [archive data](#) on the [server](#) can be accessed concurrently! Application settings should always be saved locally.

### – Setting up the network

This guideline is valid for all Windows versions. It is also valid for both the events and the archive. You can have both locally or remote, independently of each other. However, this is not recommended... Either you should have both remote or you should have both locally. The following instructions for the events are also valid for the archive.

- First of all, you should [have executed OE2010 at least once](#). When launched, OE2010 checks some settings which are necessary for a reliable and safe data processing. You will be prompted if OE2010 found some problems here and you will be asked to rerun the setup and reboot in order to fix this. This is especially important for the server, so you must have installed OE2010 on the server. There will be some more tasks which can be done best on the server directly, so there is no reason why not to install OE2010 there. [For upgraders from V10](#): This is exactly the procedure which the [CheckPC](#) tool did formerly.
- [Share the event and/or archive root folder](#) on the server PC, including all subfolders. Allow [full read/write access](#) for all clients.
- Of course, you may have to check out [how the firewall behaves](#) on every PC. Normally it should be possible to allow full access for anybody in the local network. Or you may have to allow every client to access the server individually. If you don't have an internet connection (which is often the situation at O events...) then you may just shut up the firewalls. There are no studies available how much the performance improves without a firewall, but it is most likely that this will be the case.
- On every client PC, go into **Event - Select** and select the [event root folder on the server](#) there. For more details see the [Select event reference](#)
- Consequently, at the server you have to select the same folder which is local to this machine.

### – The networking limits of Windows

In all newer Windows versions, Microsoft has [limited the maximum number of clients in peer to peer networks](#) (which is being used here). This does not mean the overall number of PCs in a certain network, but the number of PCs which can access the same event (= the same data) concurrently. The limit is valid for the server PC. See here a summary:

<a href="#">Windows 2000 Prof.</a>	10
<a href="#">Windows XP Home</a>	5
<a href="#">Windows XP Prof.</a>	10
<a href="#">Windows Vista</a>	10
<a href="#">Windows 7</a>	20

Note that the SportSoftware V11 **does not run on Win95, Win98, WinMe and WinNT**. It may be possible on Win98 or WinNT, but this is not supported.

If you need to connect more clients to your network, then you must use a [Windows Server Edition](#) at the server PC (most likely Win2008 server), and you have to purchase the appropriate license which covers the expected number of clients.

## – Checking out the performance

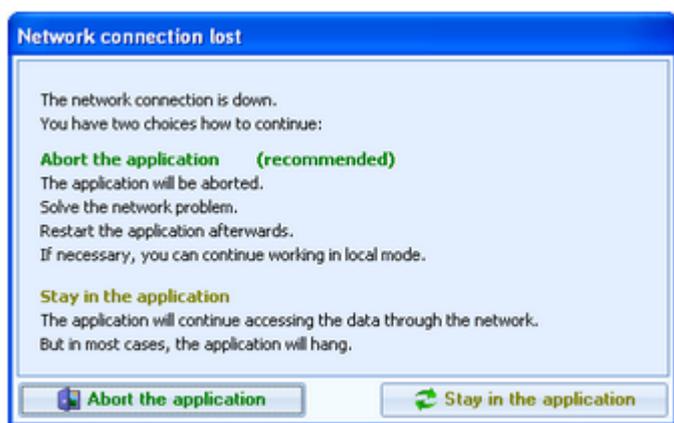
The default settings of Windows are not perfect for a fast multi-user peer-to-peer database access in a network. This will not matter for small networks at small events, since the underlying DBIsam database system is so fast that you will be pleased with that. But it may become important at large events and especially if you are using a [Windows server OS](#) and/or [mixed client PCs](#) with Win7 or Vista and XP. I have collected some hints and you may have a look for that in [Optimizing network performance - Task based help](#).

## – More hints

Some functions require **exclusive access** to the event data (e.g. some imports). At this moment, there must not be any clients accessing the same event.

Before using a network configuration at an event, be sure to **test it thoroughly with the application**. Verify the settings given above. Test exactly those machines which will be used at the event! Mixed environments with different Windows versions should work without any problems. It is recommended to use a PC running on Windows XP Professional or Windows 7 as the server.

If you are working in the network, this will be indicated in the status bar. If a client loses the connection to the server, it will try some seconds to continue until you will be prompted by the [Network lost](#) dialog.



However, there are rare situations where staying in the application will help. In most cases it is recommended to abort the application and restart later after having solved the problem. Have in mind that OE2010 provides some methods to continue working during network breaks, f.ex. the [Emergency mode](#) of the Read chips form.

## Disclaimer

The author refers to his common license agreement. With the current state of PC technology, it is not possible to implement a software running under MS Windows, which behaves equal with all possible configurations. Above all, this is true for network installations. The author offers his assistance for troubleshooting.

## See also

[Optimizing network performance - Task based help](#)

[Select event reference](#)

[Select archive reference](#)

### 4.12.1 Optimizing network performance

The default settings of Windows are not perfect for a fast multi-user peer-to-peer database access in a network. This will not matter for small networks at small events, since the underlying DBIsam database system is so fast that you will be pleased with that. But it may become important at large events and especially if you are using a [Windows server OS](#) and/or [mixed client PCs](#) with Win7 or Vista and XP.

In former times of Windows XP together with Windows Server 2003 you never had to take care of this. Win7 and Windows Server 2008 introduced some new network settings which should boost the performance but they don't do so in most cases. More, they are contraproductive for peer-to-peer networks which use shared ISAM databases like the SportSoftware. I have collected some hints and you may work through the steps given here.

There are tons of sites in the internet where you can get information about this topic. So, if you don't fully believe what

I am writing here, just do a [Google search](#) for *Win Server 2008 network performance* or simply one of the [setting names](#) given below.

**Some of the hints given in this topic are also helpful if you are working standalone and always locally.** Just read everything...

## Before you begin

All of the settings described below have to be done as **Administrator!**

Before you begin with changing the settings on your computers, [create a System Restore Point](#) and give it a descriptive name. If you are not familiar with this, then look into the Windows help or google it.

[Write down the previously existing settings carefully.](#) If a PC is one which you (or others) are using at work, then it will be necessary to reset it back to the original values after the event. You can do this by restoring from the System Restore Point, but it is always good to be able to verify that everything is again as it had been before.

If this is your private PC, then it would be worth thinking about keeping the changes. Most have clear advantages also outside the SportSoftware...

After every step, you will always have to reboot your computer to get the changes into effect.

Set up your network like it is given in the [Working in a network - Task based help](#), paragraph **Setting up the network**

You may not see the effects immediately, testing with a small network outside a running event. But you can be sure that you will profit from them during a running event.

## – Use fixed IP addresses

**Relevance** Should always be done when working with the SportSoftware.

By default, Windows computers are set to be as flexible as possible with respect to networking. One example is the default setting that a PC should [obtain its IP address automatically](#). This may be right for WLANs, but for local networks (LAN) this is always slow and unreliable not only for multi-user database access. You will even see the difference when trying to access a file on the server PC via the Windows explorer.

### Set a fixed IP address

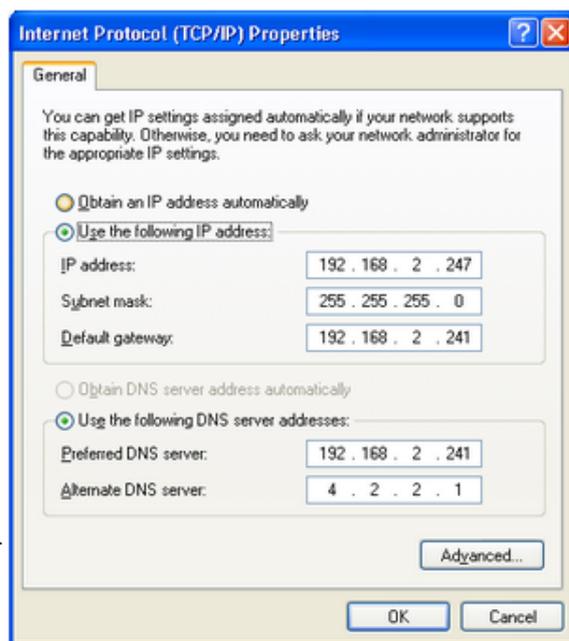
**Windows XP:** Doubleclick the [LAN connection](#) symbol  in the task bar.

**Windows 7:** Open the [Network and Sharing center](#) with the [LAN symbol](#)  and click on [Local Area Connection](#).

This will display the [LAN connection status dialog](#). There, click on [Properties](#). In the list of that dialog scroll down to [Internet protocol \(TCP/IP\)](#). Click on that (but do not uncheck the checkbox!) and then on the [Properties](#) button below. This will display the [Internet protocol properties dialog](#).

If [Obtain an IP address automatically](#) is checked, then click on [Use the following IP address](#). Enter an appropriate IP address. IP (V4) addresses usually have the form like [192.168.11.1](#), where the [first two numbers](#) are predefined by some standard. 192.168. is a well known default for private LANs. The [3rd number](#) identifies the LAN and it must be the same for all PCs in your LAN. The [last number](#) identifies the singular PC or even another unit like a printer or Internet router. It must be unique within your LAN. Define a useful numbering scheme for your LAN and set all your PCs.

The [subnet mask](#) is always set to 255.255.255.0 automatically and it should not be changed. The [default gateway](#) is necessary only for web access. In this case it must carry the IP address of your Internet router, otherwise it can be left blank. The same goes for the [DNS server address](#).



At some XP versions and for sure from Windows Vista on, you have an additional tab [Alternate configuration](#) available which allows you to save this configuration there. So you can switch between the special SportSoftware setting and your standard one with a single mouseclick.

On newer PCs there may be [two TCP/IP](#) settings, one for [V4](#) and one for [V6](#). The sample is the V4 which should be used in local area networks.

### Define the Workgroup

[Rightclick](#) on [My computer](#) and there on [Properties](#). This will display the [System properties dialog](#). Click on the tab [Computer name](#) and there on the button [Change](#). This opens the [Computer Name Changes dialog](#).

Define a descriptive [workgroup name](#) and use this for all PCs in the LAN. The default setting is something like [Workgroup](#) and you may even leave it as it is.

Finally close all dialogs by [OK](#).



Having finished these settings, reboot all PCs. Experience how easy you can access remote files using the Windows explorer. It is just like accessing files locally, and this is how networking should work.

### Notice: Firewall

Of course, you may have to [check out how the firewall behaves](#). Normally it should be possible to allow full access for anybody in the local network. Enter your [IP range as a trusted zone](#) into the firewall settings. For more details, look into the help of your firewall. Or you may have to [allow every client to access the server individually](#).

If you don't have an internet connection, then you may just [shut up the firewall](#). There are no studies available how much the performance improves without a firewall, but it is most likely that this will be the case.

## – Set the virtual memory

**Relevance** Necessary for all PCs, independently of the SportSoftware.

The size of the virtual memory is a setting which is by default set to be [managed automatically by Windows](#). However, it is an old rule coming from the beginning of Windows that a fixed value for the virtual memory size improves the overall performance of the PC. This rule is still valid for the newest hardware.

See below descriptions for Win XP and Win7. On the server OSes, this will be similar.

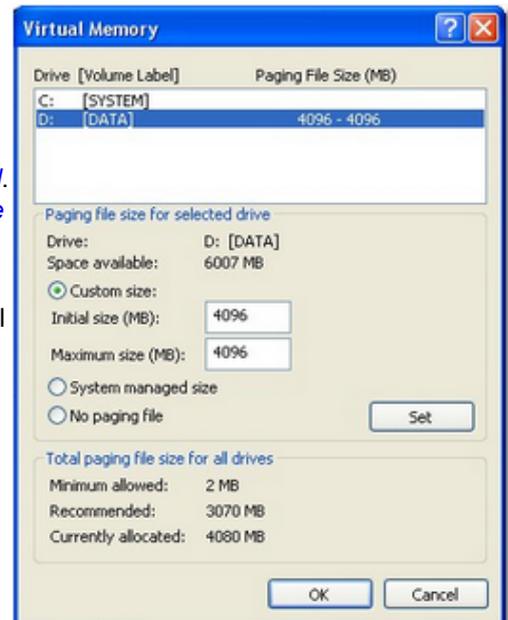
### Windows XP

[Rightclick](#) on [My computer](#) and there on [Properties](#). This will display the [System properties dialog](#). Click on the tab [Advanced](#) and there on the [Properties](#) button of the [Performance](#) (mostly the topmost settings panel).

This will open the [Performance options dialog](#). Click on the tab [Advanced](#). There you see a panel called [Virtual memory](#). Click on the button [Change](#). This opens the [Virtual memory dialog](#).

In the [drive listbox](#) keep the preselected drive. Select [User defined size](#). There, enter the [same value](#) as [initial](#) and [maximum](#) values. Windows will propose a value here. Simply use that one (and insert the same value for the initial size) if this looks reasonable and if this is about 150% of your hardware memory.

Click on [Set](#).



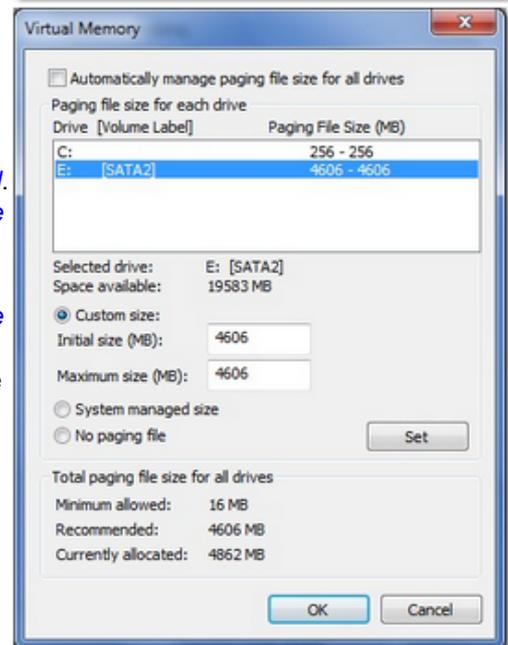
### Windows 7

[Rightclick](#) on [My computer](#) and there on [Properties](#). In the left pane, click [Advanced system settings](#). This will display the [System properties dialog](#). Click on the tab [Advanced](#) and there on the [Settings](#) button of the [Performance](#) (mostly the topmost settings panel).

This will open the [Performance options dialog](#). Click on the tab [Advanced](#). There you see a panel called [Virtual memory](#). Click on the button [Change](#). This opens the [Virtual memory dialog](#).

Uncheck the [Automatically manage paging file size for all drives](#) check box. In the [drive listbox](#) keep the preselected drive. Click on [Custom Size](#). There, enter the [same value](#) as [initial](#) and [maximum](#) values. Windows will propose a value here. Simply use that one (and insert the same value for the initial size) if this looks reasonable and if this is about 150% of your hardware memory.

Click on [Set](#).



Finally close all dialogs by [OK](#).

Reboot the computer as you are asked to do so.

## – Map a drive to the server folder

**Relevance** All client PCs.

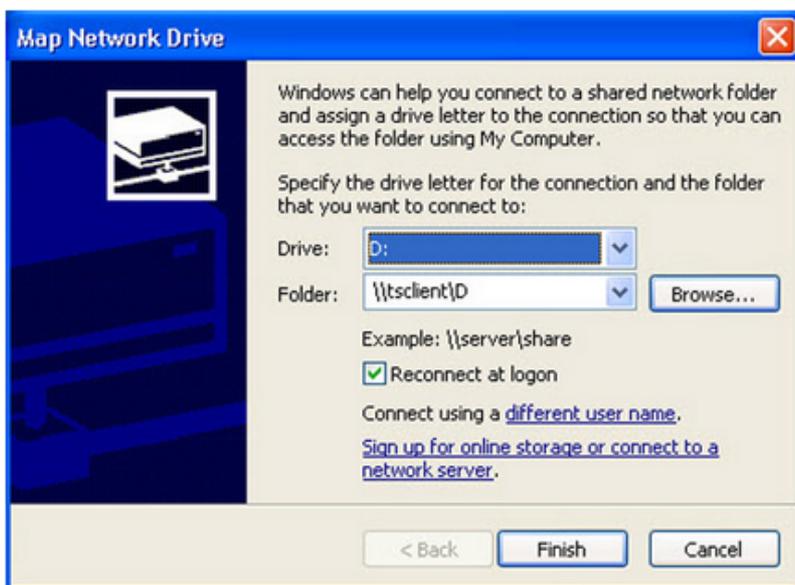
It is wise to [assign a drive letter](#) to the server's [event root folder](#). This will cause that Windows will try to search for this network drive automatically when starting up. So you will have it available automatically when you want to [select the event](#).

Open [Windows Explorer](#) or [My Computer](#). In the menu, click on [Tools-Map Network drive](#). This will open the respective dialog.

Select a [drive letter](#) from the drive listbox. Use a letter by which you easily recognize that this should be a network drive, f.ex. something like K:, L: etc. Click on the [Browse](#) button and [select the network drive](#) or folder which you want to map. **Notice: you must map at least the event root folder on the server**, not only the folder where the event is saved. Of course, any folder above the event root folder or the whole drive could also be mapped.

Check [Reconnect at login](#) to enable the automatic detection when booting the computer.

Close the dialog by [Finish](#). Reboot the computer.



## – Check out the virus scanner

**Relevance** All PCs.

This hint is not really network-related, so everyone should take care of this.

I got sporadic feedback that some functions of OE2010 could not be invoked or the application hung unexpectedly. No bugs were the reason for that but an over zealous virus protection software installed on those computers. It may happen that such virus software modifies an application exe file erroneously. Especially the applications of [Avira AntiVir](#) and [Avast](#), which are available for free, are well-known and have a bad reputation for that.

From 2013 on, OE2010 and its setup program are signed by a trusted certificate. This means, no virus checker should touch them anymore. Instead, you will get a prompt if Windows detects that the exe file had been manipulated.

The same thing can happen to data files and temporary data files which will be used by the database system.

Usually the virus checking software provides an exception list where you can enter those files/folders which should be considered as trusted and therefore should not be checked. Enter all folders there which are given in the [Application folders dialog](#):

- Application installation folder
- Application settings folder
- Event data root folder
- Archive root folder
- the folder where you usually save your downloads (-> setup files)

For more information, read the [Application folders reference](#).

If you had those problems described above with OE2010, then reinstall it after you had done the settings in the virus software. Re-download the setup (since this one may also be damaged) and reinstall the software. It is not necessary to deinstall it beforehand, a simple reinstall should be sufficient.

Of course, to just evaluate whether the virus checker was actually the problem, you may simply deactivate it for some time.

## – Disable all background applications

**Relevance** All PCs.

There may be numerous programs running in the background which had been launched when booting the PC, f.ex. Facebook, ICQ and similar, Office task bar, etc. All of them eat up PC performance and mostly also network performance.

Check out everything, whether you need this during working with the SportSoftware in a network at an event. Stop or disable all unnecessary programs.

## – Registry settings

All necessary registry settings had been done with the OE2010 setup.

## – Disable Remote differential compression

**Relevance** This setting is only available on PCs with WinVista, Win7 and newer, as well as the server OSes 2003 and 2008. It is not available on Windows XP.

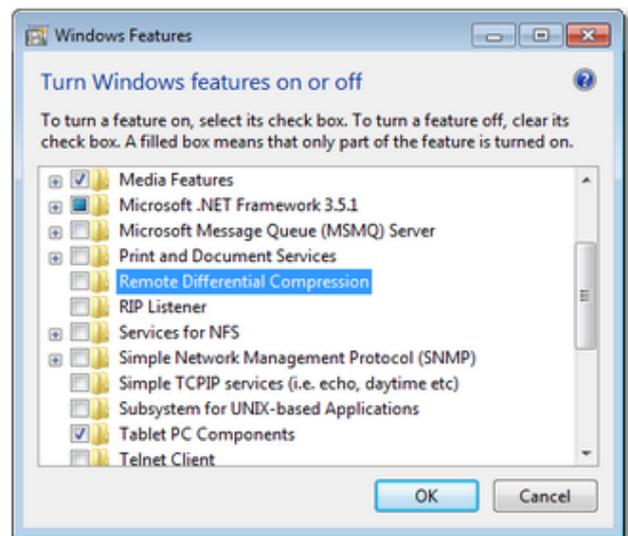
**Remote Differential Compression** (RDC) had been introduced in WinServer 2003 and it is available on all later versions of Windows. It is enabled by default.

RDC allows data to be synchronized with a remote source (server) using compression techniques to minimize the amount of data sent across the network. There seems to be a problem with this in Windows 7, leading to slow file access over the network. So it is recommended to **disable RDC**.

Open the **Control Panel** and click on **Turn Windows features on or off** there. This will open the **Windows features** dialog.

Uncheck the option **Remote Differential Compression**.

Close the dialog by **OK**. Reboot the computer.



## – Turn off Windows Search Indexing

**Relevance** All PCs.

In order to speed up the file search process, the **Windows search indexing** service scans through the files and folders on the Windows system continuously and records information about them in an index file and the memory. This can take up a lot of memory and resources and will certainly affect your computers performance. It might even be indexing locations that you never intend to search for files on.

You may ask yourself: how often are you using the Windows search to look for a distinct file over the whole disk? If the answer is: not more than once a week (I believe it will be much less), then you can **turn off this feature**. A search without index does not take that long. So you don't need to suffer from low performance all the time only to shorten a file search once a week from 30 seconds to 5 seconds.

This is especially helpful for the server PC.

Go into the [Windows explorer](#) or into [My computer](#) and [rightclick](#) drive C:\ (the root folder). This will open the [Local disk properties dialog](#).

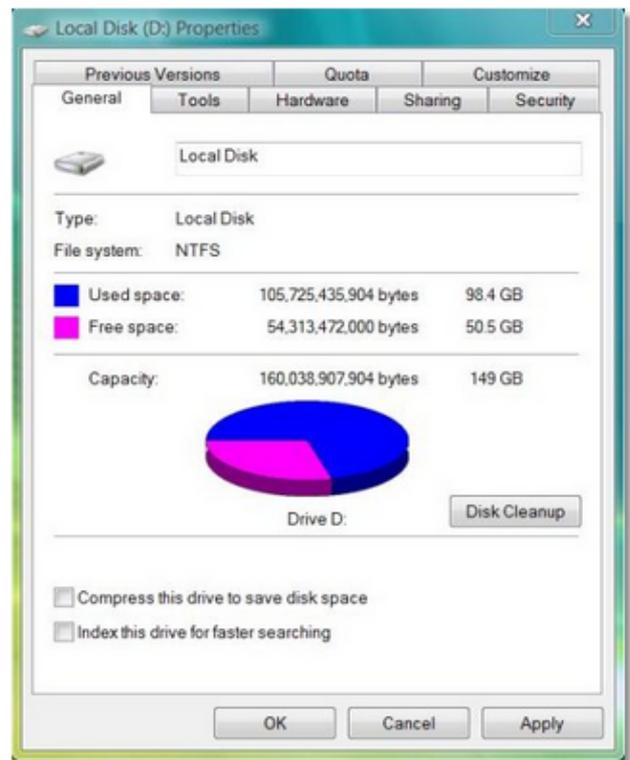
[Uncheck](#) the option [Index this drive for faster searching](#). Also look at the other option [Compress this drive to save disk space](#). This one is unchecked by default. If this is not the case, then [uncheck](#) this also.

Click on **OK**.

You will be asked whether you want to disable indexing for drive C:\ only or [C:\ including all subfolders](#). Select the latter option. Windows will take some time to change this attribute.

[Repeat](#) this procedure with [all drives](#) on this PC.

Finally [reboot](#) the PC (you only need to do so after the last hard disk).



## – Turn off Power saving settings

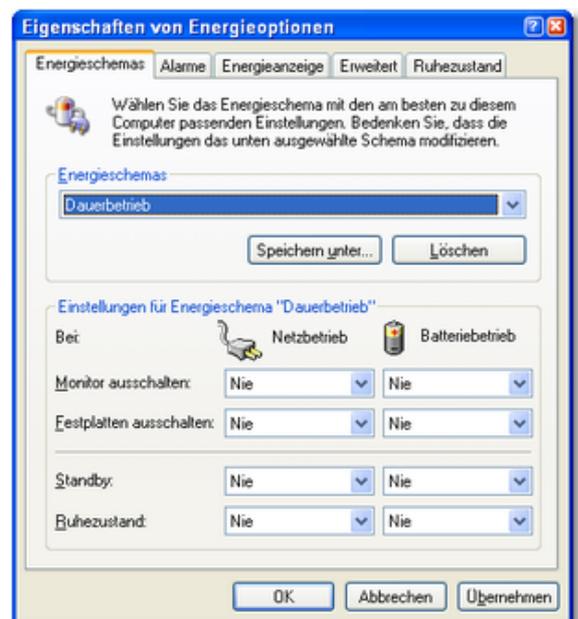
**Relevance** All PCs.

Especially for notebooks, the [energy](#) or [power options](#) are set in a way [to save battery power](#). But this is not advisable and not necessary when working with the SportSoftware at an event. So you should [set them to full power](#), so that nothing except the monitor will be shut off automatically during the event.

Open the [Control Panel](#) and click on [Power options](#). This will open the [Power Options Properties dialog](#).

From the list [Power schemes](#), select a scheme which looks like [Maximum power](#) or [Continuous operation](#). This one should already have [all options](#) set to [Never](#). If this is not the case for a singular option, then [change this one to Never](#) as well. The only option which does not require [Never](#), is [Turn off monitor](#). You may set this to maybe 30 mins.

Close the dialog by **OK**.



**– Set the network interface controller parameters**

**Relevance** All PCs running with Win7 and newer or WinServer2008 and newer. You may check XP and WinServer2003, but most likely there are not those options, except the last one, [Power management](#).

*Only change this if you did all other changes given in this topic and if you are still not satisfied with your performance!*

There are numerous settings which belong to your network adapter, whose default settings are responsible for a slow network performance.

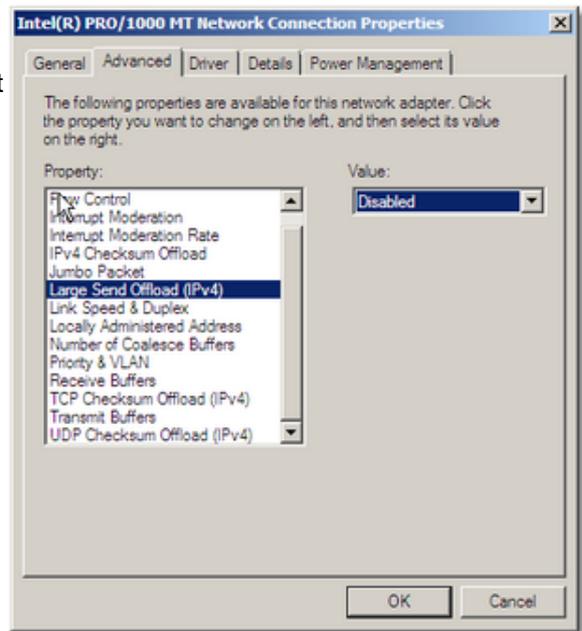
**Windows XP:** Doubleclick the [LAN connection](#) symbol  in the task bar.

**Windows 7:** Open the [Network and Sharing center](#) with the [LAN](#) symbol  and click on [Local Area Connection](#).

This will display the [LAN connection status dialog](#). There, click on [Properties](#). On top of this properties dialog you see your network interface controller (NIC). Click on the [Configure](#) button right of that. This will display the [Properties dialog of your NIC](#). Click on the [Advanced](#) tab.

In this dialog, set the following values.

- All options which have something like [Offload](#) Disabled in their name, f.ex. [Large Send Offload \(IPv4\)](#), [Large Send Offload \(IPv6\)](#), [TCP Checksum Offload](#), etc.
- [Flow Control](#) Enabled, sometimes also RX&TX Enabled
- [Optimize for](#) Throughput
- [Any options which have to do with possibly sending the NIC into sleep or standby mode](#) Off or Disabled



Some settings may not be available on a particular NIC, and some may have different names. Most important are the [Offload](#) and the [Flow Control](#) values.

Then switch to the tab [Power Management](#) and *uncheck* the option [Allow the computer to turn off this device to save power](#).



Finally close all dialogs by [OK](#). Reboot the computer.

**– WLAN**

After you had done all those tweaks to improve your network performance, then you should not destroy all those efforts by using a WLAN for data processing. So a strict rule is:

**Do not use a WLAN for the local data exchange!**

With local data exchange I mean:

- no PC should access the SportSoftware event data via the WLAN
- no PC should access any printer or other device in your wired LAN via WLAN

The background is that WLAN communication is extremely slower and much more interference prone than the wired LAN. You may ask why, since this is not the case with internet access. The answer is that the peer to peer database access of the SportSoftware is completely different to what is performed with an internet access.

On the other hand, it is **no problem if the WLAN is used for Internet access only**. You can easily connect to a WLAN hotspot (which must not be a node in the LAN) and via that one to the internet. But have in mind what I wrote above about background applications. Only do what is necessary. F.ex. you may have a single PC in the network which has the internet connection for continuous result uploads to the web.

### Disclaimer

The author refers to his common license agreement. With the current state of PC technology, it is not possible to implement a software running under MS Windows, which behaves equal with all possible configurations. Above all, this is true for network installations. The author offers his assistance for troubleshooting.

The author disclaims all responsibilities for damages arising out of performing or inability to perform the hints given in this topic.

### See also

[Working in a network - Task based help](#)

## 5 Reference

This section contains reference documentation of all OE2010 working forms and the common dialogs which will be invoked from there. You will get the same help topic displayed if you click on [Context help](#) in the corresponding window.

For a better understanding, there are extensive cross-references and links to the [Quick start tutorial](#) and [Advanced tasks](#) sections.

## 5.1 FAQ for upgraders from V.10.x

The user interface of OE2010 is very different from that in version 10 and earlier. Also the structure and the visual appearance of this help file had been modernized thoroughly.

Although upgraders will find the working functions very quickly since the main menu is quite similar to the one of V10, the way of working within the functions is completely different, as this is always the case when modernizing an end-user application to a new Windows UI level.

There are also many functional improvements. But these are too much, so that you will not find a list of them here for the first V11.0 release like you were used to from previous versions. Of course, with later minor releases they are documented herein as usual.

Even if you are an experienced SportSoftware user I recommend that you work through the [Introduction](#) and [Quick Start Tutorial](#) chapters of the new help briefly before you start working with the new version. This will help you to familiarize yourself with the new features.

### Where is Everything?!

#### – Where is MT2010 for multi day events?

All the **multiday functions** had been integrated into OE2010. If you own the [multiday option](#) of OE2010, you will see both single day and multi day events in the [event selection dialog](#). If you had selected a multi day event, then all the multiday features of OE2010 will be displayed and activated according to the context.

#### – What about CheckPC?

The former **CheckPC** add on had been integrated into OE2010. This check is done every time when OE2010 starts up. On errors, you will have to repeat the setup in order to set the right values in the registry. However, for the V.10.x users, CheckPC is still available for download as a standalone application.

#### – Where is the Archive Manager for V11?

The functions of the **Archive Manager** (which is still a standalone application for V.10.3) had been integrated into OE2010.

See the Archive topics in the [Advanced tasks](#) and [Reference](#) sections.

#### – Where is the Layout Manager for V11?

The functions of the **Layout Manager** (which is still a standalone application for V.10.x and earlier) had been integrated into OE2010. You can define and edit the label layouts just like the report layouts. Unfortunately, this basic improvement made it impossible to upgrade your own layouts from V10 into V11. However, there is a simple procedure how you can do that yourself easily.

See the [Label layout editor reference](#) for more details.

#### – Where is the speaker and finish software?

The functions of the **Speaker** and **Finish** add ons had been integrated into OE2010. You will see the respective menu items in the main menu, if you have the Pro license. Have a look into [How to buy](#) to read more about the various editions available.

#### – Why is there no Edition Sverige anymore?

All special features of the former OE2003 Edition Sverige are now included in the standard version. This may all be helpful for users outside Sweden also, like the Beginners classes which don't show the times in the results, or the automatic calculation of a start time for late entries.

Special Swedish import formats are provided in the import dialogs, similar to f.ex. OCAD and Condes formats in the course import.

#### – Where is the network dialog?

The SportSoftware V11 has a more advanced method implemented where the event data are saved. You can select a local or a remote folder with a list of events in the [event selection dialog](#).

#### – Where are all those entries functions like classes, clubs and start fees?

All entries functions except the import and the direct entries had been integrated into a [single entries function](#). Just open the Entries window and play around a bit. Don't forget to read its [context help](#)! Also a good entry point would be reading the [Managing entries](#) topic first.

– **Where can I define the controls?**

The controls table had been integrated into [Courses-Courses](#). Also the most summary reports had been concentrated in this form now. Just play around a bit with that. Don't forget to read its [context help](#)!

– **I am missing some more functions in the main menu?**

Some functions had been moved to the [Extras](#) or [Settings](#) main menu items. Look there or search in the index of this help file.

– **Why can't I move the windows anywhere on the screen?**

The new UI follows the [Microsoft MDI](#) (multi document interface) standard. All windows of the application must be placed within its main work space. I am sure, you will experience the advantage of this standard very quickly. One basic advantage is that this allows you to launch OE2010 several times, so that you can [work on multiple events concurrently](#).

See [User interface](#) for more details.

– **Where is the report selection dialog?**

There is a new report selection panel which is integrated in the report window. See the [Reports reference](#) for more details.

– **I can't see the whole working form within the main form?**

Just enlarge the main form and resize the working form inside it.

– **Where are the open windows?**

With many open working forms and especially report forms, you will lose the overview since all those windows are overlapping each other. In the [Windows](#) main menu item you will find all open working forms and reports. Click on the one which you want to bring to the foreground. See also the [Main window reference](#).

– **Select language: where is the database sort order?**

The database sort order defines the Windows setting about the alphabetical sort order in the database. In V10, this setting had been included in the language selection. However, this was not the right place for it since this is event/archive specific. Also, in V10 you had to repair the event/archive afterwards to get it into effect. With V11, this setting can be changed directly when repairing the event or archive. See the [Repair event reference](#) or [Repair archive reference](#) for more information.

– **Where is the Missing chips report?**

The content of this report had been included in the Missing competitors report. See the [Reports \(Finish\) reference](#) for more details.

– **Where is the event option "Individual courses"?**

In V10, the individual courses were an event/stage option, which meant that all classes had to run with that option. Now OE2010 allows to define this for each class separately. So you can have "normal" classes together with other classes using individual courses within the same event/stage. For more information see the [Assign Classes - Courses reference](#).

## New and Different – Major Changes

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– **Application folders**

Until V10, all the application settings had been saved into the application install folder and the events had been saved into subfolders of the application folder. However, this is against the rules which Windows defined since Windows XP. Now you can define yourself where to save them. The SportSoftware offers some standard settings but you can completely customize this to your needs if you like. One of the main advantages is that

you could manage different sets of events in different data folders. See the [Application folders reference](#) for more information.

### – Working forms

Editing the data grids in the working forms had been revolutionized. Besides the speed and modern UI, the most important improvements are being able to sort by any columns and customizing the grid layout visually on screen.

### – Reports in general

The report handling had been revolutionised. Now the report displays immediately using the last selections. Selection and setting sort order and options can be done directly in the report window. Report and label layouts can be edited there also. You can have multiple layouts for the same report. Graphics are supported both for report and label layouts. For more information see the [Reports reference](#).

### – One-click-reports

The most used reports, start lists and results, are now accessible directly from the main menu. With a single click, the desired report will be displayed. The most used of them, start lists and results by classes, are also accessible by the toolbar.

### – Label layouts

Formerly, the label layouts had been kept outside the event applications and they had to be edited by the Layout Manager. Now the label layouts are directly assigned to each report (in the same way as the multiple report layouts) and they must be edited with the integrated label layout editor. There is one major advantage to the previous solution: now you can only place those fields on the label which are actually valid for the report. To enable using the same layout by multiple reports, there are layout pools used. See the [Report reference](#) for more information.

### – Read chips

The Read chips form had been split into [Read chips](#) (which is like you are used from V10) and [Read chips - Registration](#), which provides the possibility to [register the entries in the finish](#), after the race. This is a preferred mode for training events.

Now there is a new **Emergency mode** which helps you to overcome network breaks quite easily. [Handling unknown chips](#) had been improved so that the competitor's flow at the download device will not be interrupted.

Reading the log files and the device backup memory had been moved to the **Main menu-Competition day** since these functions have become much more comfortable now. This gives also the possibility to download chips and look into the log file simultaneously. See the [Log files reference](#) and the [Device backup memory reference](#) for more information.

### – One-click Event backup

Formerly, the event backup had copied the event data files into a separate folder. If you had to send this backup elsewhere by email (f.ex. to the SportSoftware support), then this required one more step to zip that folder. So many got used to just zip the event folder directly. Now the built-in event backup is the more straightforward and quicker method. The backup will be copied into a single file with extension **.skb**, which is actually a zip file. There are not only the event data files included but also log files and other settings.

### – Supporting restricted user rights

Formerly, the SportSoftware could be driven with admin user accounts only. Now restricted user rights are also supported. Read more about this topic in [Working with restricted user rights](#).

### – SportIdent extended mode (protocol)

Previous SportSoftware versions could not deal with the SportIdent stations in extended mode. OE2010 now supports all features of the SportIdent hardware at the time of its initial release. For security and performance reasons, it is recommended to run the SportIdent hardware in extended mode.

**Notice:** In this document, I am using the term [extended mode](#) (which tells what it is) while SportIdent documents may use the term [extended protocol](#).



## 5.2 User interface

The topics in this section provide full information about the user interface.

Since this had been changed thoroughly up to the current state of the art, this section should be read carefully also by experienced SportSoftware users.

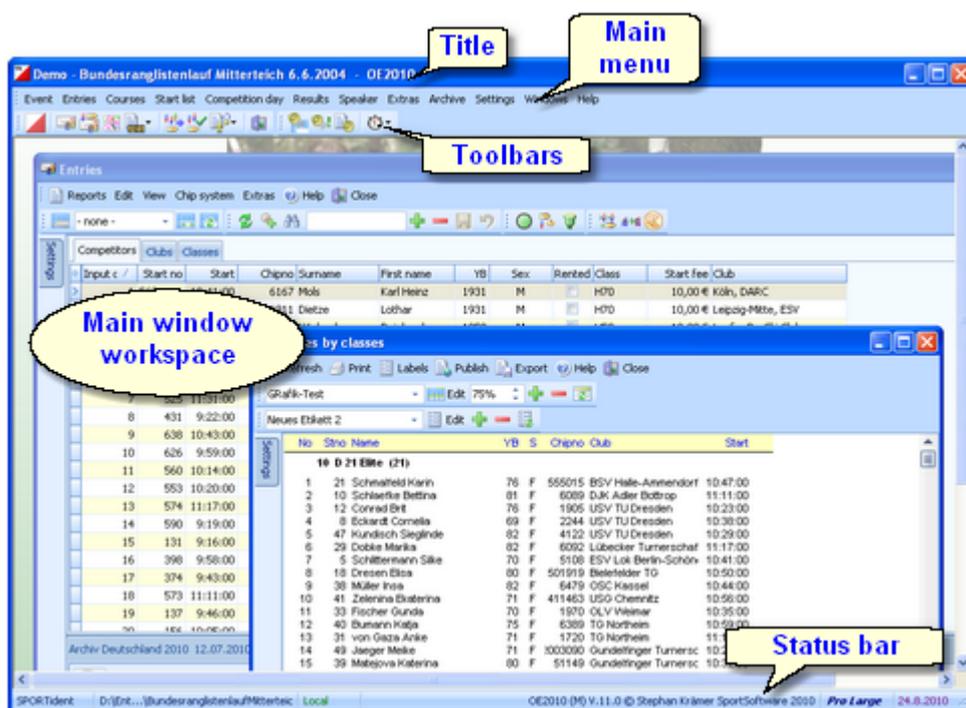
Just browse through this section using the browse buttons at the top. For reference purposes, you can use the table of contents as an index. Just pick out the feature you need more information and look there.

### See also

[User interface - Quick start](#)

### 5.2.1 Main window

The main window consists of several sections.



In the **main window workspace** the various [working forms](#) and [reports](#) can be arranged.

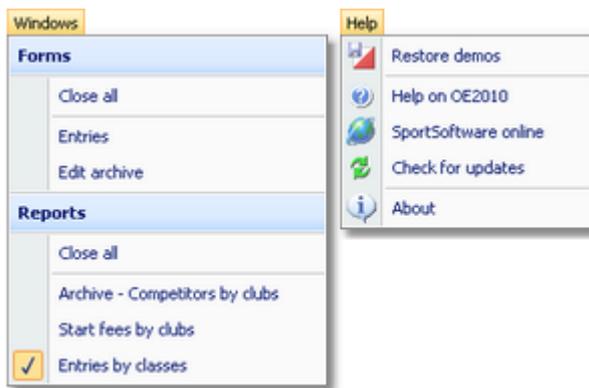
The **title** always shows the current event which you are working on.

**Demo - Bundesranglistenlauf Mitterteich 6. 6. 2004 - OE2010**

In the **main menu** you find all the user functions.

Event Entries Courses Start list Competition day Results Speaker Extras Archive Sc...

There are also some basic items: **Settings**, **Windows** and **Help**. Use the Windows submenu to activate one of the open windows quickly. Use the help submenu to get help. For more information on the Settings submenu, see the [Settings reference](#).



The **toolbars** provide you shortcuts for the most used functions. Move with the mouse over a button to get a hint about its purpose.



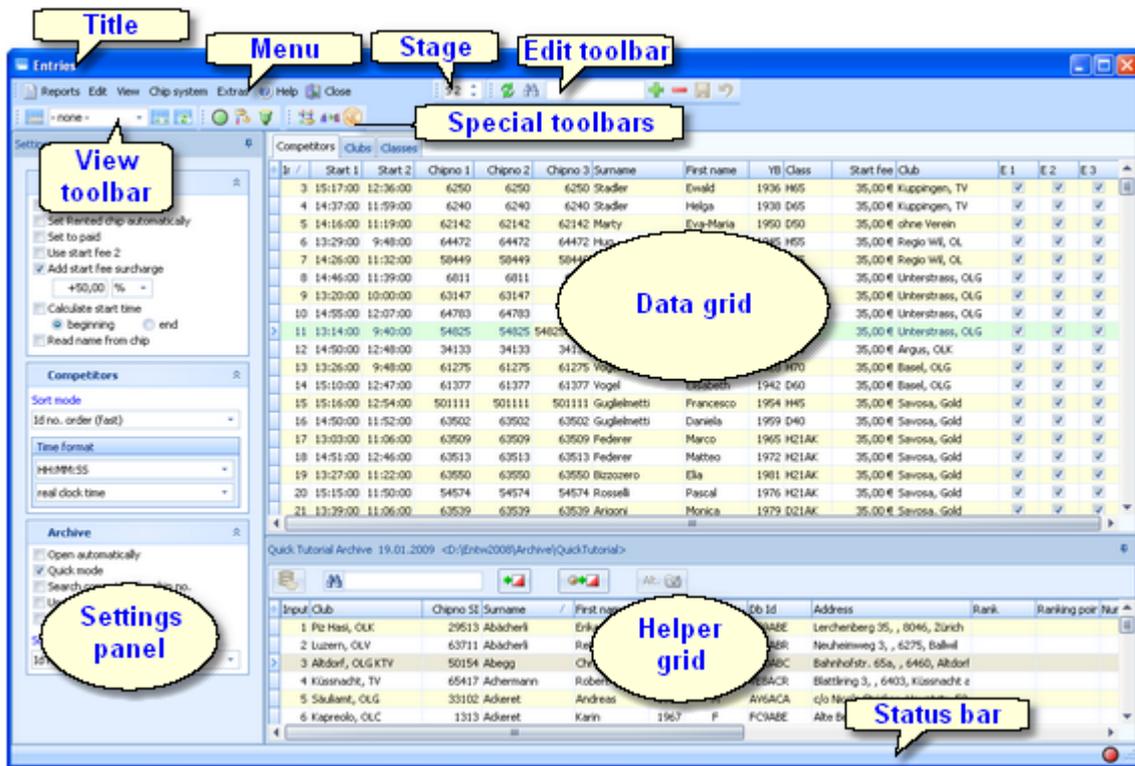
The **status bar** shows you various information about the current event and your version of OE2010.



When you launch OE2010, the main window will restore its last position. All working forms which had been left open the previous time will be restored automatically. Reports and other secondary windows will not be reopened automatically.

## 5.2.2 Working form

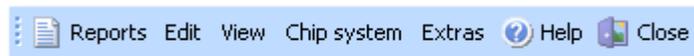
A working form is a window where you can work on data, display reports on those data and perform other actions. As an example, have a look at the **entries** form.



The **title** shows the name of the form.



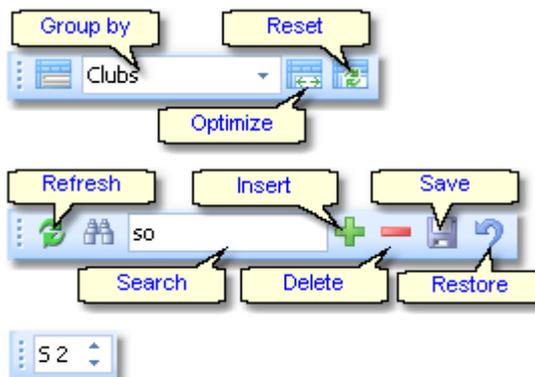
In the **menu** you find all the functions which are available in this form. **Reports**, **Edit**, **View** and **Help** are common functions for all working forms. **Help** invokes the **context help** for this form (you can also use the **F1** shortcut).



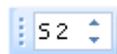
For more details on reports, see the [reports reference](#). For more details on Edit and View, see the [data grid reference](#).

**Chip system** and **Extras** are special functions which are available in the **entries form**.

The **View** and the **Edit toolbar** are common to all working forms. Move with the mouse over a button to get a hint about its purpose. For more details, see the [data grid reference](#).



Many forms in OE2010 do display the **stage selector**, if a multi day event is loaded. For more details, see the [stage](#)

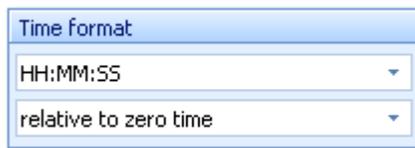


[selector reference](#).

Most forms do also offer **special toolbars**. In this example, you see the [Chip system](#) and the [Special entries functions toolbars](#).



The **settings panel** mostly offers format settings, f.ex. the [time format](#). Often there are also [special settings](#) like in this example for entries handling. You can [fix the panel](#) by the pin or let it slide to the left to get more space for the grid.



The main component of a working form is the **data grid**. Here you can [browse and edit the data](#), in this example the entries. You can [customize the layout](#) of the grid in various ways: which columns should be displayed in which order and size and how the table should be sorted. For more details, see the [data grid reference](#).

Input order	Startnr	Start	Chipno	Surname	First name	YB	Sex	Class	Start fee	Club
438	203	10:48:00	1989	Lützkendorf	Paul	1989	M	H16	7,00 €	Weimar, OLV
321	71	9:39:00	2209	Martin	Falk	1970	M	H21E	10,00 €	Leipzig, USC
317	675	10:54:00	2113	Martin	Sascha	1973	M	H21AK	10,00 €	Leipzig, USC
481	39	10:32:00	51149	Matějova	Katerina	1980	F	D21E	10,00 €	Gundelfinger
491	358	9:32:00	4150	Mathea	Helena	1962	F	D40	10,00 €	Berlin, TOLF
433	681	10:52:00	1418	Matus	Ximena	1973	F	D21AK	10,00 €	Weimar, OLV
482	316	9:49:00	58729	Matusza	Helga	1959	F	D35	10,00 €	Gundelfinger
130	140	9:37:00	2487	Meißner	Britta	1990	F	D14	7,00 €	Coburg-Neus
142	481	9:23:00	2527	Meißner	Ralph	1953	M	H50	10,00 €	Coburg-Neus
89	185	9:22:00	1510	Melhem	Sophia	1988	F	D16	7,00 €	Dresden, US
> 378	446	10:01:00	2694	Menn	Joachim	1957	M	H45	10,00 €	Siegerland, C
296	213	11:00:00	2597	Messerschmi	Uwe	1989	M	H16	7,00 €	Kassel, OSC
109	543	11:01:00	2635	Mevius	Edeltraut	1935	F	D65	10,00 €	Lübecker Tur
108	570	10:59:00	2634	Mevius	Horst	1934	M	H70	10,00 €	Lübecker Tur
110	368	9:10:00	2613	Mevius	Klaus	1966	M	H40	10,00 €	Lübecker Tur

In some forms there may be an additional panel with a **helper grid**. This is mostly read only but also a data grid. In this example this is the [archive grid](#) to speed up entries input. You can [fix the panel](#) by the pin or let it slide to the bottom edge to get more space for the main data grid.

Input order	Club	Chipno	SI	Surname	First name	Class	YB	Sex	Db Id	Address
5326	Argus Seon, OLK	37667	Wild	Sonja			1988	F	JQ1WIS	Hauptstr. 63, , 5113,
5330	Argus Seon, OLK	6501	Wildi	Julia			1970	F	MN3WIJ	Rosenweg 9, Postfach
5331	Argus Seon, OLK	25144	Wildi	Koni			1965	M	EV0WIK	Kretenweg 6, , 5102,
5344	Argus Seon, OLK	24312	Wipf	Thomas			1968	M	PK8WIT	Fliederweg 8, , 5703,
5420	Argus Seon, OLK	36173	Wyss	Elke			1962	F	JW7WYE	Lümenstr. 275, , 471-
476	Balsthal-Gäu, OLG	40410	Blanke	Martina			1966	F	MV9BLM	Maienstr. 24, , 4600

The **status bar** shows you the [edit status](#). Sometimes there is more information provided like the [punching system device status led](#) in this sample.



You can customize the appearance of a working form in the way you need and like it. You can hide/show the settings and helper panels, adjust the layouts of the grids, move the toolbars and customize the size and position of the form. OE2010 will save those settings and restore the form in the same way when you reopen it. Some forms may always show the settings panel in the beginning, so that you won't miss important options.

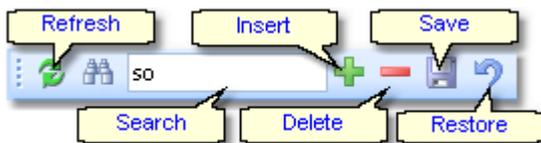
### 5.2.2.1 Data grid

The main component of a working form is the **data grid**. Here you can [browse and edit the data](#). You can [customize the layout](#) of the grid in various ways: which columns should be displayed in which order and size and how the table should be sorted.

Input order	Startnr	Start	Chipno	Surname /	First name /	YB	Sex	Class	Start fee	Club
438	203	10:48:00	1989	Lützkendorf	Paul	1989	M	H16	7,00 €	Weimar, OLV
321	71	9:39:00	2209	Martin	Falk	1970	M	H21E	10,00 €	Leipzig, USC
317	675	10:54:00	2113	Martin	Sascha	1973	M	H21AK	10,00 €	Leipzig, USC
481	39	10:32:00	51149	Matejova	Katerina	1980	F	D21E	10,00 €	Gundelfinger
491	358	9:32:00	4150	Mathea	Helena	1962	F	D40	10,00 €	Berlin, TOLF
433	681	10:52:00	1418	Matus	Ximena	1973	F	D21AK	10,00 €	Weimar, OLV
482	316	9:49:00	58729	Matusza	Helga	1959	F	D35	10,00 €	Gundelfinger
130	140	9:37:00	2487	Meißner	Britta	1990	F	D14	7,00 €	Coburg-Neus
142	481	9:23:00	2527	Meißner	Ralph	1953	M	H50	10,00 €	Coburg-Neus
89	185	9:22:00	1510	Melhem	Sophia	1988	F	D16	7,00 €	Dresden, US
378	446	10:01:00	2694	Menn	Joachim	1957	M	H45	10,00 €	Siegerland, C
296	213	11:00:00	2597	Messerschmi	Uwe	1989	M	H16	7,00 €	Kassel, OSC
109	543	11:01:00	2635	Mevius	Edeltraut	1935	F	D65	10,00 €	Lübecker Tur
108	570	10:59:00	2634	Mevius	Horst	1934	M	H70	10,00 €	Lübecker Tur
110	368	9:10:00	2613	Mevius	Klaus	1934	M	H40	10,00 €	Lübecker Tur

#### – Editing in the grid

Editing in the grid is just intuitive. Type and move around to get a feeling for it. However, you should be aware of the most important shortcuts. Those functions are also provided by the [Edit menu item](#) and the [edit toolbar](#). Both offer the same buttons.



**Refresh - F5**

The table will be refreshed. This is useful especially if you are working with multiple windows simultaneously or in a network.

**Search**

The search function searches in the column(s) by which the grid is currently sorted. This is an incremental search. This means with every additional typed character you will get closer to the result.

**Insert - Ins**

Inserts a new record into the table. Some values may be preset, sometimes depending on the previous record. When saving, the grid will remain in insert mode. Finish the insert mode by the button [Restore](#) or by clicking on a previous record in the table.

**Delete - Ctrl+Del**

Deletes the current record.

**Save - Enter**

Saves modifications of the current record.

**Restore - Esc**

Restores the record to the previous values.

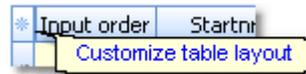
#### – Sorting the grid

To sort the grid by a column, just click on the column header. Then the arrow will indicate that the grid is sorted by this column [Surname /](#). Any subsequent click on the same column header will sort the grid by this column in the reverse order.

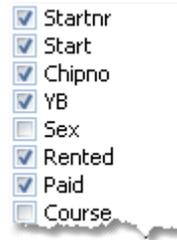
You can also sort the grid by as many columns as you like. Click on the first column. Then hold the [Shift](#)-key down and click on all additional columns. [Club /](#) [Surname /](#) [First name /](#)

## Customizing the layout of the grid

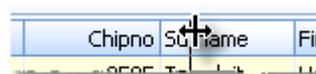
To **hide/display a column**, click on the **Customize table layout button** (the star) at the top left of the grid.



This will display the **table layout menu**. Just check/uncheck the columns like you want to have it. You can also move the columns in this menu by dragging them up or down.

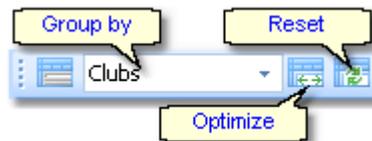


To **resize a column**, grab the right edge of the header and drag it to the right size.



To **move a column**, just grab its header and drag it to the desired position.

There are also some functions provided by the **View menu item** and the **view toolbar**. Both offer the same buttons.



### Group by

Groups the records in the table by the selected column. This is available in a few working forms only. See the [entries reference](#) for an example.

### Optimize

This optimizes the column widths. However, some columns may become too wide due to a single long text in the column. Resize them manually.

### Reset

Resets the grid to the default layout.

## 5.2.2.2 Selection grid

A selection grid is a special readonly data grid where you can select one or more records for further actions. The most used example is the report selection grid, see also the [report reference](#).

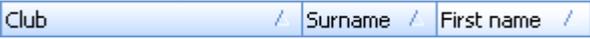
No	Cl.name	City	/	Nat	Location
158		Turun NMKY		V-S	
5		Turun Suunnistajat		V-S	
115		Turun Visat		V-S	
48		Tuusulan Voima-Veikot		UUS	
29		Ulvilan Ura		SAT	
169		Urjalan Urheilijat		HÄM	
131		Vaajakosken Terä		K-S	
183		Vaasan Suunnistajat		E-P	

Left-click on a record to **select** or **unselect** it.

To **select a range**, click on the first record. Then scroll to the last record and Shift-Click it. Existing selections will persist.

There is also **another method to select a range**. Click on the first record. Then drag the mouse (still pressing the left mouse button) down to the last record. Release the mouse button. All those records will be selected. The difference to the first method is that this selection cancels any previous selection.

To **sort the grid** by a column, just click on the column header. Then the arrow will indicate that the grid is sorted by this column **Surname /**. Any subsequent click on the same column header will sort the grid by this column in the reverse order.

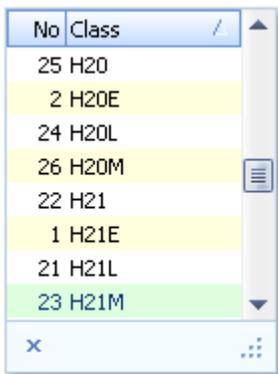
You can also sort the grid by as many columns as you like. Click on the first column. Then hold the **Shift**-key down and click on all additional columns.  The sort order of the selection table will be used for the report.

There are also some selection grids where you can select a single record only, like in the [Select event dialog](#).

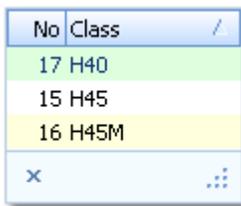
### 5.2.2.3 List box selectors

When editing in a data grid, you can often select the value from a listbox. F.ex. in the entries form, you can select the class, the club, the course and some more values in that way. As an example, see here the description of how to use the class list box.

To enter a class, you can either begin typing the class description or click the dropdown button . Then the list will pop up:



Now you have two choices. Either you scroll the list and select the desired class with a mouseclick. Or you narrow the search by typing additional letters of the class. In the sample the typing was H4:



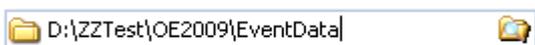
Now only those classes beginning with H4... are displayed. You can now select the right class easily. This can be done with a **mouseclick**, or moving up and down using the **arrow keys** and **Enter**. Of course you can also continue typing until the right class is left alone in the list, which will select this automatically then.

You can **resize** the list if it is too short or too narrow for your purpose. Just drag the resize button .

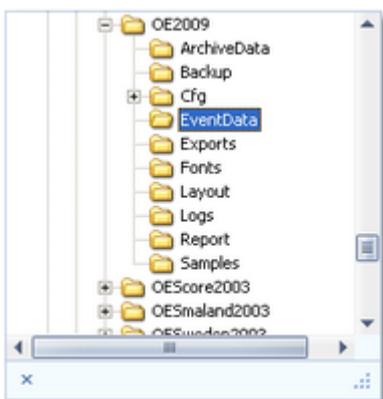
Since the list box selector is actually a small data grid, you have also all the same options for **resizing its columns** and **sorting the list** by clicking on the column headers.

### 5.2.2.4 Folder selector

In several forms, you can enter or select a folder from a combo box.

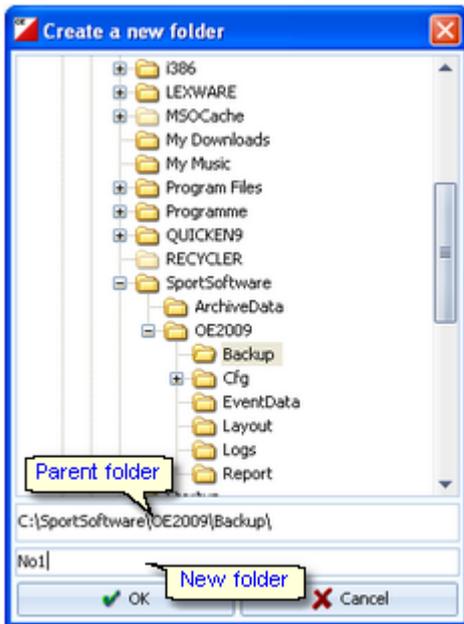


You can edit the field by typing or you can display the folders tree by clicking on the folder symbol at the right:



You can resize the list if it is too short or too narrow for your purpose. Just drag the resize button .

If you want to [create a new folder](#), then in those forms you will have to click on the [New folder button](#) . This will invoke the [New folder dialog](#).



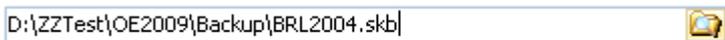
In the folder tree, select the [parent folder](#) where you want to create the new folder in. Enter the [name of the new folder](#) into the field. Click on **OK** to create this folder. The folder selector will show this new folder as its selection.

## See also

[File selector](#)

### 5.2.2.5 File selector

In several forms, you can enter or select a file from a combo box.



You can edit the field by typing or you can click on the folder symbol at the right. This will open the [File selection dialog](#).



In the file list, you will see the context-relevant files only. In this sample, these are the backup files (.skb). You can resize the dialog if it is too short or too narrow for your purpose, by dragging the window edges.

If you want to create a new file, then just enter the new file name into the edit field. Select another folder or create a

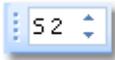
new one using the folder selector at the top.

## See also

[Folder selector](#)

### 5.2.2.6 Stage selector

Many forms in OE2010 do display the stage selector, if a multiday event is loaded.



To select the right stage, use the arrows.

If the stage selector is visible, working in that form depends more or less on the current stage. This is also the case with stage dependent reports. Just select another stage and update to get the same report from another stage.

The stage can be modified locally for nearly every open form or report.

### 5.2.3 Reports

The first menu item in a [working form](#) is always the **report button**.

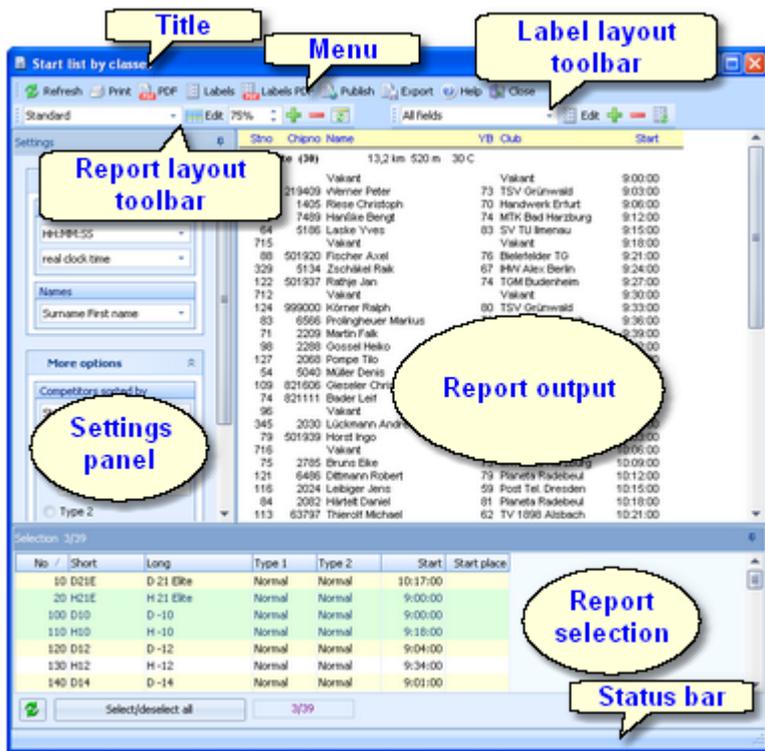
Sometimes this launches the only report available, but mostly this pops up a submenu with several reports.



There are also many reports available directly from the main menu, like start list and result reports.



Clicking on a report item creates a report window using the selection from the last time. **Note:** only small selections below 10 records will be restored, otherwise always all records will be preselected.



The report window will stay visible until you explicitly close it. Unlike previous versions of the SportSoftware, the working form is completely independent to all reports which you can display from there. You can even close the working form and keep the report(s) visible.

**Report window components**

The **title** shows the name of the report.

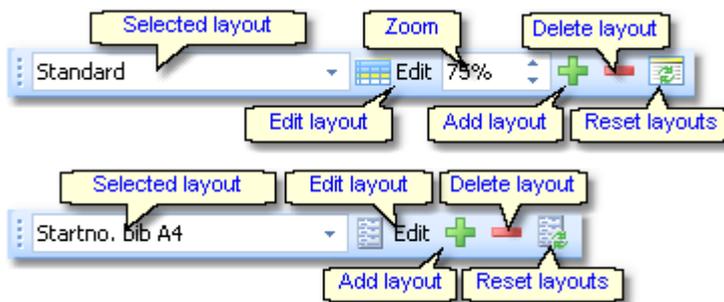


In the **menu** you find the basic report functions. For more details, see the paragraph below.

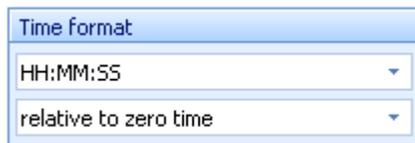


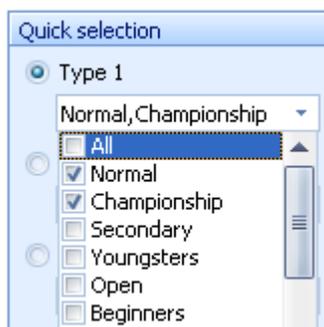
The **Report** and the **Label layout toolbar** provide the functions to manage and edit the layouts. Both work nearly identically. You can have multiple layouts both for the report itself and the labels. You can select the desired layout from the list box.

For more details, see the paragraphs below. For details on how to edit layouts, see the [Report layout editor reference](#) and the [Label layout editor reference](#).



The **settings panel** mostly offers format settings, f.ex. the **time format**. Often there are also more options offered for the report, f.ex. **quick selections**. To modify the settings, you can **fix the panel** by the pin icon. In the normal case you will have it slid to the left to get more space for the report.





The **report output** is the purpose of this window. ;-)

No	Stno	Name	YB	S	Chipno	Club	Start	Database
<b>10 D 21 Elite (21)</b>								
1	5	Schlittermann Silke	70	F	5108	ESV Lok Berlin-Schön	1:41:00	00162
2	8	Eckardt Cornelia	69	F	2244	USV TU Dresden	1:38:00	00472
3	9	Lorenz Katrin	78	F	2789	TSV Grünwald	2:02:00	
4	10	Schlaefke Bettina	81	F	6089	DJK Adler Bottrop	2:11:00	00203
5	12	Conrad Brit	76	F	1905	USV TU Dresden	1:23:00	00468
6	18	Dresen Elisa	80	F	501919	Bielefelder TG	1:50:00	01038
7	21	Schnalfeld Karin	76	F	555015	BSV Halle-Annendorf	1:47:00	00687
8	24	Tröbe Christiane	81	F	5183	SV TU Ilmenau	2:08:00	00748
9	29	Dotke Marika	82	F	6092	Lübecker Turnerschaf	2:17:00	00991
10	31	von Gaza Anke	71	F	1720	TG Northeim	2:14:00	01138
11	33	Fischer Gunda	70	F	1970	OLV Weimar	1:35:00	01462
12	35	Ehrl Blandine	82	F	1469	MTK Bad Harzburg	2:05:00	
13	38	Müller Insa	82	F	6479	OSC Kassel	1:44:00	00634
14	39	Matejova Katerina	80	F	51149	Gundelfinger Turnersc	1:32:00	
15	40	Bumann Katja	75	F	6389	TG Northeim	1:59:00	01129
16	41	Zelenina Ekaterina	71	F	411463	USG Chemnitz	1:56:00	02130
17	43	Depta Monika	70	F	1696	SU Annen	1:53:00	00020
18	47	Kundisch Sieglinde	82	F	4122	USV TU Dresden	1:29:00	00515
19	49	Jaeger Meike	71	F	3003090	Gundelfinger Turnersc	1:26:00	00684
20	693	Vakant		M		Vakant	1:20:00	
21	694	Vakant		M		Vakant	1:17:00	

In the **selection panel** you can select the records which should be reported. To change the selection, you can **fix the panel** by the pin . In the normal case you will have it slid to the bottom to get more space for the report. **The sort order of the selection table will be used for the report.** To change the report sort order, first change it in the selection panel and then refresh the report.

No / Short	Long	Type 1	Type 2	Start place
11 DE	DE	Normal	Normal	
20 HE	HE	Normal	Normal	
100 D10	D -10	Normal	Normal	
110 H10	H -10	Normal	Normal	
120 D12	D -12	Normal	Normal	
130 H12	H -12	Normal	Normal	
140 D14	D -14	Normal	Normal	

For more details, see the [selection grid reference](#).

For the average report, the **status bar** does not have a specific purpose. However, there are "live" reports which display the progress here.



## – Report menu

The report menu provides the basic functions of a report.



**Refresh - F5**

The report will be refreshed. Do so after you had changed the selection or other report options. It may also necessary to refresh the report if you expect that the underlying data had changed in the meantime. Some special results do refresh themselves automatically.

**Print**

The report will be printed. See also the [Print dialog reference](#).

**PDF**

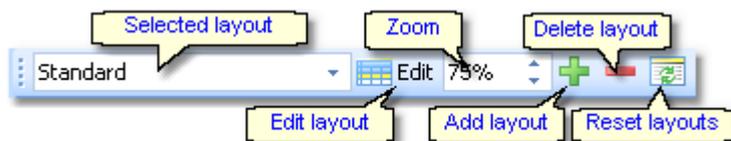
The report will be printed to one or more PDF file(s). See also the [PDF dialog reference](#). You may publish this on your web site or elsewhere. You have the choice to upload this immediately to the web. See the [Upload files reference](#) for more details.

Labels	The report will be printed on labels. See also the <a href="#">Label print dialog reference</a> .
Labels PDF	The labels will be printed to one or more PDF file(s). See also the <a href="#">Label PDF dialog reference</a> . You may publish this on your web site or elsewhere. You have the choice to upload this immediately to the web. See the <a href="#">Upload files reference</a> for more details.
Publish	The report will be written to one or more HTML or TXT file(s). See also the <a href="#">Publish dialog reference</a> . You may publish this on your web site or elsewhere. You have the choice to upload this immediately to the web. See the <a href="#">Upload files reference</a> for more details.
Export	The report will be written to a CSV or XML file. See also the <a href="#">Export dialog reference</a> . You may compute this file using an external application, e.g. for graphical evaluations or rank list calculations. You have the choice to upload the file immediately to your web server where you can perform further computing, f.ex. for an online entries or result service. See the <a href="#">Upload files reference</a> for more details.
Send E-mails	Some reports do also offer the Send E-mails button:  . See the <a href="#">Send E-mails reference</a> for more information.

## – Report layout toolbar

The report layout toolbar offers the functions to administer and customize multiple layouts for the report.

**Please observe:** It is wise not to modify the preinstalled default layouts. If you want to customize a layout, create a new one and modify that one. Thus you will always keep the original default layouts as templates.



Selected layout	You can select a layout from the list. <b>Note:</b> the first layout created automatically by OE2010 will always be called <i>Standard</i> . You can modify this name in the Report layout editor if you like.
Edit	Invokes the Report layout editor. See the <a href="#">Report layout editor reference</a> for more details.
Zoom	Sets the zoom for the report. You may change it quickly by directly typing into the field.
Add layout	Duplicates the current layout into a new one. So, if you want to <i>create an additional report layout</i> , then first select the one which looks as a good starting point. Then click on <i>Add</i> . It will be selected automatically. Finally customize the new layout and rename it properly.
Delete layout	Deletes the current layout. <b>Note:</b> You cannot delete the first layout.
Reset layouts	This resets the complete layout set for this report back to the default layouts which had been installed with OE2010. All your customized layouts will be lost by this action!

## – Label layout toolbar

The label layout toolbar offers the functions to administer and customize multiple label layouts for the report. The buttons are the same as in the report layout toolbar except that there is no zoom field.

**Please observe:** It is wise not to modify the preinstalled default layouts. If you want to customize a layout, create a new one and modify that one. Thus you will always keep the original default layouts as templates.



Selected layout	You can select a layout from the list.
Edit	Invokes the Label layout editor. See the <a href="#">Label layout editor reference</a> for more details.
Add layout	Duplicates the current layout into a new one. So, if you want to <i>create an additional label type</i> , then first select the one which looks as a good starting point. Then click on <i>Add</i> . It will be selected automatically. Finally customize the new layout and rename it properly.
Delete layout	Deletes the current layout. <b>Note:</b> You cannot delete the first layout.

**Reset layouts**

This resets the complete label layout set for this report back to the default layouts which had been installed with OE2010. All your customized layouts will be lost by this action!

**Notice:** Some reports of the same kind are using the same common pool of label layouts. That means f.ex., if you modify a layout in the split times by classes result report, this will also be used in all other split time reports.

**– What to do if OE2010 installed new or updated layouts**

With upcoming releases or updates of OE2010, there may be updates of particular report or label layouts, f.ex. to support new data fields. Such updates will not overwrite your customized layouts but they will be installed into the default layouts.

When you display a report with updated default layouts for the first time, OE2010 will detect which layouts had been added or updated and it will add them to your working layout file, leaving the existing layouts unchanged. OE2010 will then prompt you:



The same dialog will appear if label layouts had been updated, with the difference that it tells you **New label layouts installed** in the title. You can recognize the new layouts by a preceding **\*New\*** in the layout description.

Perform the steps given in the dialog.

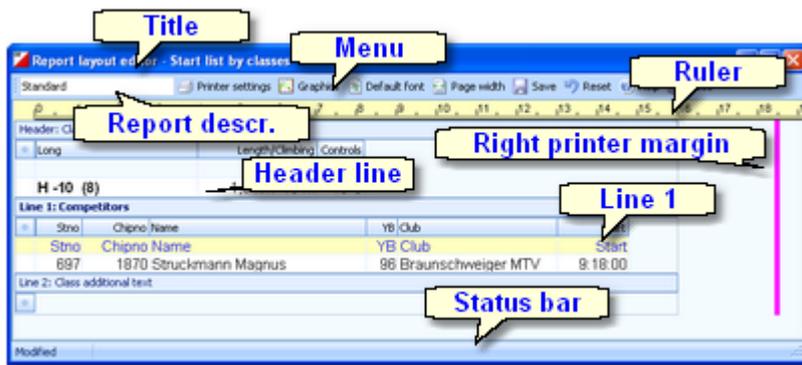
- **Compare the new layouts to the old ones**  
Switch between the new layout and the corresponding outdated one to see whether you had done special customizations there. If yes, then implement your customizations into the new layout. Please try to remember on which preinstalled layouts your own ones are based on. You have to recreate them based on the right updated default layout.  
**Notice:** If there is an update of the first layout (mostly called **Standard**), then it will replace its predecessor on top of the layout list but the old version will be saved to a higher place in the layout list.
- **Remove the hint \*New\* from the layout descriptions**  
You may have updated them in the first step, or these are completely new layouts.
- **Finally remove the corresponding outdated layouts**  
But only remove those for which you got an updated one!

And of course you can shorten this procedure by simply clicking the **Reset layouts** button to restore the complete default file (if you never had customized anything for this report).

With every new release of OE2010, new and updated layouts are documented in the Readme.txt file. It is a good practice to invoke those reports and check out the new layouts immediately after you had installed the update. This will avoid surprises during a running event.

### 5.2.3.1 Report layout editor

The name of this dialog couldn't describe its task better... :-)

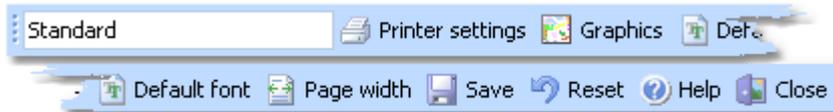


#### Report layout editor components

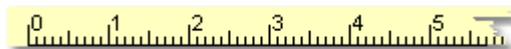
The **title** shows the name of the report.



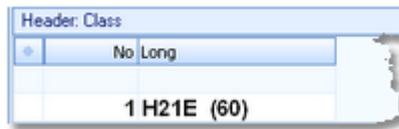
In the **menu** you find the basic report layout editor functions. For more details, see the paragraph below.



The **ruler** is just an aid for sizing the columns.



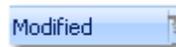
The **header line** and the **line 1** are the two differently formatted lines (for different purposes) which can be customized here. A header line is mostly class or club at reports by classes or clubs. In general, there may be more lines and often no header. Customizing the layout is the same for all lines, see the paragraph below.



The **right printer margin** shows the margin given by the printer's page width. You can change this by choosing another printer or paper format. See the menu paragraph below.

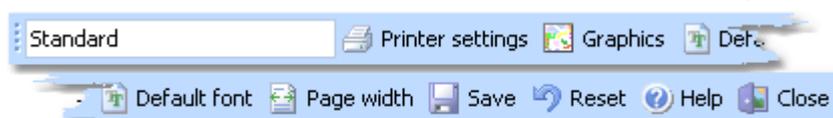


The **status bar** shows you the **edit status**.



#### Report layout editor menu

The menu provides the main functions which concern the report layout as a whole.



**Report description**  
**Printer settings**

You can give the report layout a description which tells you for what it is designed for.  
This invokes the printer settings dialog which is actually the print dialog. The settings from

there will be saved with the layout. You may use this to change the page width indicated by the right margin line. For more details see the [Print dialog reference](#).

**Graphics**

Invokes the report graphics designer. You can enhance your layout by including graphics on the page. For more details see the [Report graphics designer reference](#).

**Default font**

You can select the default font for the report. This should be the one which is basically used for the most content, which is normally represented by line 1. Of course the font can be defined individually for every column. However, if you decide to change the font of the report, this is much less work if you need not to do this change for every column individually.

**Page width**

The layout will be adjusted to fit to the printer's page width. Use this feature after you had changed the printer for this report.

**Save**

Saves the layout.

**Reset**

Resets all unsaved changes.

**– Customizing a line layout**

To be able to customize the layout, it is necessary to understand its representation in the editor.

Line 1: Competitors				Column names	
No	Stno	Name	YB	S	Chipno Club
1	1	Mattila Tuomas	83	M	93320 Vehkalahden Ve

The **line name** and the **sample line** show you which kind of line you are working on. In the sample line, every column is displayed WYSIWYG, using the column's font. The **column names** are predefined by OE2010 while you can modify the **column titles**. Usually the column titles are preset to the column names.

The line's layout representation is actually a data grid, so customizing its column layout is just [similar to the data grid](#).

To **select a column**, just click anywhere on the column. The column title will be marked in green. Unselected columns are displayed in yellow colour.

YB	S	Chipno	Club
YB	S	Chipno	Club
83	M	93320	Vehkalahden Veikot

To **select multiple columns**, **Shift-Click** or **Ctrl-Click** all of them.

YB	S	Chipno	Club
YB	S	Chipno	Club
83	M	93320	Vehkalahden Veikot

To **hide/display a column**, click on the **Add/remove columns button** (the star) at the top left of the grid.

*	No	Stno	Name
	1	1	Mattila

This will display the **table layout menu**. Just check/uncheck the columns like you want to have it. You can also move the columns in this menu by dragging them up or down.

- No
- Stno
- Name
- YB
- S
- Chipno
- Club
- Start
- Rank
- Ranking points

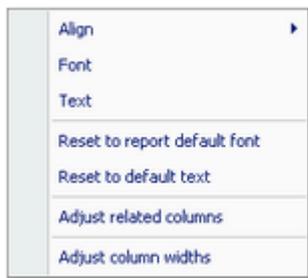
To **resize a column**, grab the right edge of the header and drag it to the right size.

Chipno	Club
Chipno	Club
93320	Vehkalahden Veikot

To **move a column**, just grab its header and drag it to the desired position.

## – Customizing a column's properties

The column layout is not the only thing which you need to customize in the report layout editor. Besides the size and order, each column has additional properties like font, text, etc. Those properties can be customized via the **column's popup menu**. This can be activated with *right-clicking* the column. **Note:** if multiple columns are selected, this modifies all the selected columns.



<a href="#">Align</a>	Sets the alignment of the column.
<a href="#">Font</a>	Sets the font for this column.
<a href="#">Text</a>	This will popup a dialog where you can modify the heading text of this column.
<a href="#">Reset to report default font</a>	Resets the column's font to the report default font.
<a href="#">Reset to default text</a>	Resets the header text to the default, which is mostly the column's name.
<a href="#">Adjust related columns</a>	Sometimes there are several columns of the same type in a single line (e.g. split times). You can customize one of them. Use this function to copy the settings of the current column to all others of the same type. This helps to get equal column widths, alignments and fonts.
<a href="#">Adjust column widths</a>	All selected columns will get the same width as the one from where you had invoked the popup menu.

## – About series columns

**Series columns** are columns of the same data type which normally must follow a natural order. For example these are the result columns for the stages of a multiday overall result.

(Only) for special purposes, you have the possibility to [puzzle the order](#) of those columns, f.ex. show the last stage first in an overall result. In this case, the editor will issue a prompt where you have to confirm that.

Normally, the headers of those columns will be defined by OE2010 by appropriate text, like the stage numbers. You can [customize](#) them by just entering the desired text. If you want to get back the default headers, then simply use [Reset to default text](#). For more details see the paragraph above.

Explore the standard layouts of multiday "All stages" reports or the split time result reports to get a feeling for that.

### Notice

Any change (especially of the fonts) will be reflected by the WYSIWYG display of the sample line.

The data size of the printout which is produced by the printer driver for a particular report, depends on how many and how large fonts you are using. More and larger fonts will imply more print data and slower report printing. Also graphics will increase the printout data size and they will have a by far more negative effect on the performance. The optimum performance will be achieved if you will use the report default font only and as few as possible small graphics only.

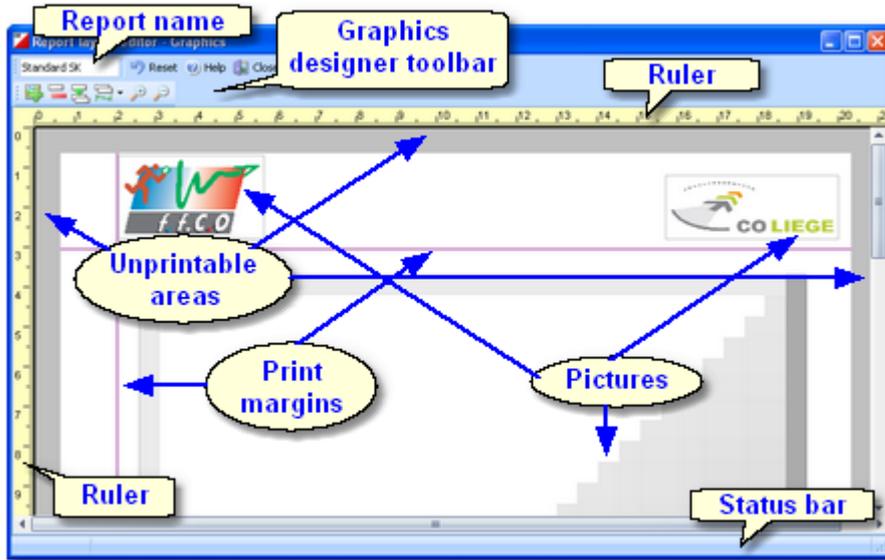
Since you can open multiple windows simultaneously with the same report, you may accidentally modify the same layout from different report windows. The last one saved will be kept.

The report layouts are saved in the subfolder [Report](#) of your [Application settings folder](#). See the [Application folders reference](#) for more details. If a layout had been damaged or removed externally (Windows explorer), then the default layout will be used automatically.

OE2010 includes a report layout management tool which helps you to exchange the layouts with other users or other clients in your network. See the [Report layouts reference](#) for more information.

### Report graphics designer

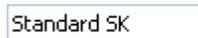
With the report graphics designer you can include graphics in your report layout.



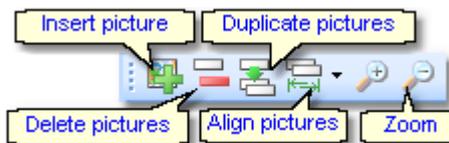
The report graphics designer works nearly in the same way as the [Label layout editor](#), with the main difference that here you have graphics fields only.

### – Report graphics designer components

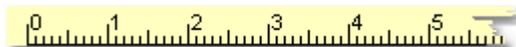
At the top left the **name of the report** is shown.



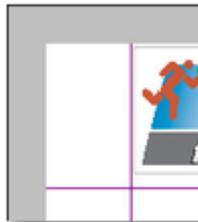
In the **toolbar** you find the basic designer functions. For more details, see the paragraph below.



The **rulers** are just an aid for sizing and positioning the pictures.



The gray frame around the page preview shows the **unprintable areas**.



The **print margins**, which you had defined in the report layout, are shown by purple lines.

The **pictures** are shown in WYSIWYG preview.

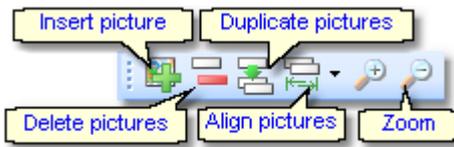
The **status bar** shows you the **edit status**.



### – Report graphics designer toolbar

Don't forget that the menu itself has the ordinary **Reset button**:

The toolbar provides the main functions to manage the pictures on the page.



- Insert picture** Inserts a new picture field. This field has no picture assigned initially. *Right-click* and select an image file via the popup menu. For more details see the next paragraph.
- Delete pictures - Del** Deletes the selected pictures.
- Duplicate pictures** Duplicates the selected pictures.
- Align pictures** Aligns the selected pictures according to the last selected picture which is marked in blue colour. You can align to the left, right or bottom edge, or adjust the widths.
- Zoom** Use *Zoom in* to get more precision in positioning and sizing the pictures, and *Zoom out* to get a better overview.

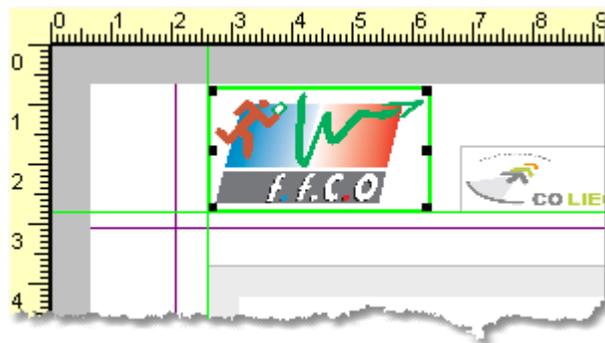
**– Working in the designer**

The first task with a fresh created empty picture field is to assign an image file to it. *Right-click* and the context menu will pop up:

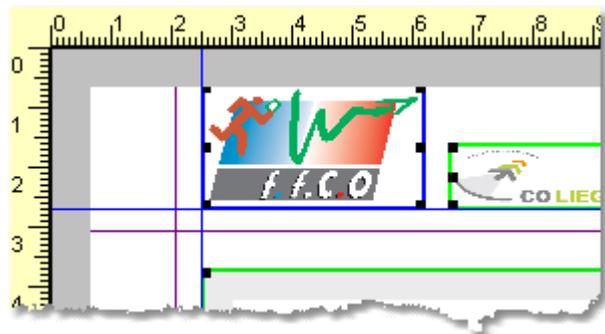


**Image**  
**Reset to original size**  
 To **select a picture**, just click anywhere on it. It will be marked by a green box. The green helper lines should help you to get the best precision when positioning the picture.

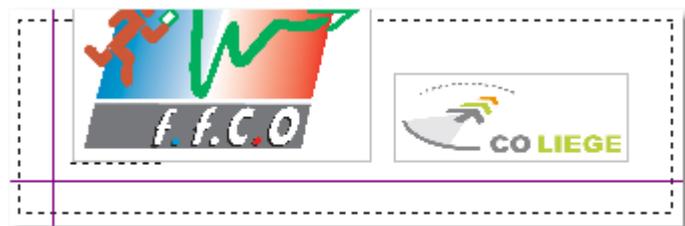
Select the image file here.  
 Resets the picture to its original size after you had changed it.



To **select multiple pictures**, *Shift-Click* or *Ctrl-Click* all of them. Note that the last selected picture is marked by the blue box. This is the one which is used as the reference for the **Align** function, see the above paragraph.



Sometimes it may be easier to use the **selection rectangle**. Click anywhere left and above the left-top-most picture you want to select. Note that you must not click into a picture since in this case you would select this picture only. Hold the left mouse button down and drag the mouse to the bottom right. The selection rectangle will appear and it will follow your mouse moves. When you have all pictures inside the rectangle then release the mouse button. All pictures will be selected which were completely inside the rectangle.



To **resize a picture**, grab one of the black resizer points and drag it to the desired size. Note that this will always preserve the aspect ratio of the picture. This means the height will be increased automatically.



To **move pictures**, first select all of them and then drag them to the desired position.

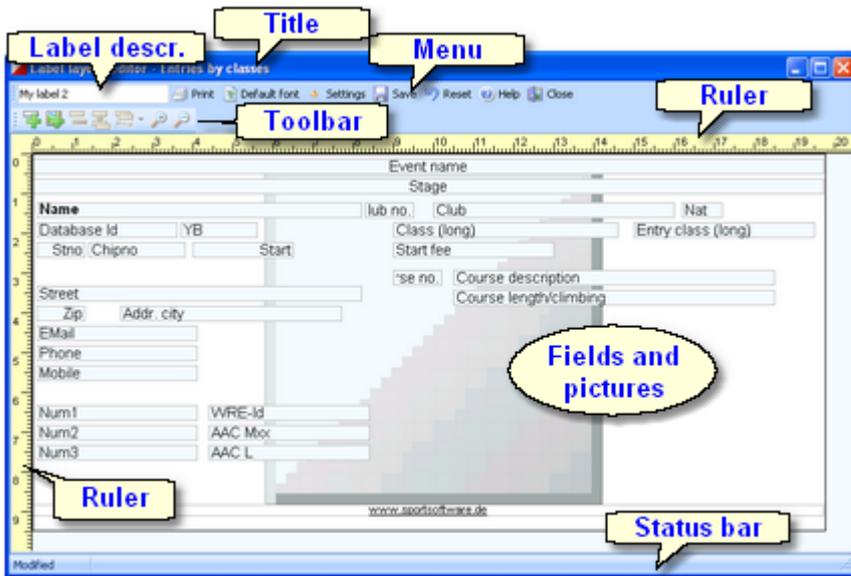
### Notice

Any change will be reflected by the WYSIWYG display of the pictures.

The data size of the printout which is produced by the printer driver for a particular report, depends (among others) on how many and how large pictures you had included. Many and large pictures will imply more print data and slower report printing. Therefore, it is urgently recommended to use high performance laser printers only if you are using pictures here.

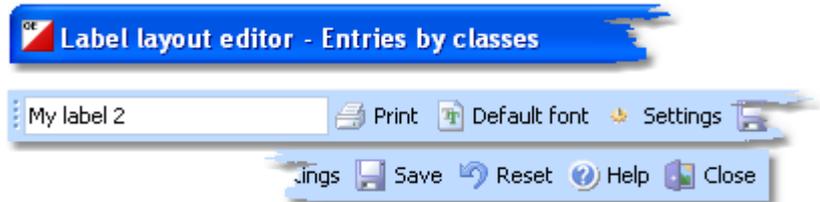
### 5.2.3.2 Label layout editor

The name of this dialog couldn't describe its task better... :-)



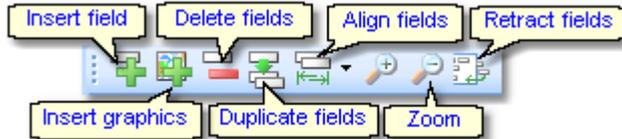
## Label layout editor components

The **title** shows the name of the report.



In the **menu** you find the basic label layout editor functions. For more details, see the paragraph below.

In the **toolbar** you find the basic designer functions. For more details, see the paragraph below.

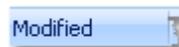


The **rulers** are just an aid for sizing and positioning the fields.



The **fields** and among them the **pictures** are shown in WYSIWYG preview.

The **status bar** shows you the **edit status**.



## Label layout editor menu

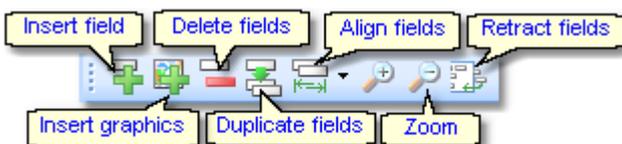
The menu provides the main functions which concern the label layout as a whole.



<b>Label description</b>	You can give the label layout a description which tells you for what it is designed for.
<b>Print</b>	Prints a sample page using the current printer settings.
<b>Default font</b>	You can select the default font for the label. This should be the one which is used for the most fields. Of course the font can be defined individually for every field. However, if you decide to change the font of the label, this is much less work if you need not to do this change for every field individually.
<b>Settings</b>	This invokes the printer settings dialog which is actually the label print dialog. The settings from there will be saved with the layout. For more details see the <a href="#">Label print dialog reference</a> .
<b>Save</b>	Saves the layout.
<b>Reset</b>	Resets all unsaved changes.

## Label layout editor toolbar

The toolbar provides the main functions to manage the fields on the page.



<b>Insert field - Ins</b>	Inserts a new field. This field has no type or text assigned initially. <b>Right-click</b> and select a data field or enter a fixed text via the popup menu. For more details see the next paragraph <a href="#">Customizing a field's properties</a> .
<b>Insert graphics</b>	Inserts a new graphics field. This field has no picture assigned initially. <b>Right-click</b> and select an image file via the popup menu. For more details see the paragraph about <a href="#">Handling a graphics field</a> below.
<b>Insert Emit backup label</b>	When using <b>Emit</b> as the chip system and editing a <a href="#">split time sheet</a> , you see an additional

button  to insert the Emit backup label. This prints the backup label how it should look like according to the electronic punches saved. For more details, see the [Evaluate chips reference](#).

[Delete fields - Del](#)

Deletes the selected fields.

[Duplicate fields](#)

Duplicates the selected fields.

[Align fields](#)

Aligns the selected fields according to the last selected field which is marked in blue colour. You can align to the left, right or bottom edge, or adjust the widths.

[Zoom](#)

Use [Zoom in](#) to get more precision in positioning and sizing the fields, and [Zoom out](#) to get a better overview.

[Retract fields](#)

Sometimes you will be notified that there are fields outside the label. This may happen if you had changed the printer or modified the number of rows or columns. Click on the button to retract them into the label. They will be moved to the top left corner.

## – Customizing a field's properties

**Note:** this paragraph is valid for normal data fields only. A graphics field has different properties, see the paragraph about [Handling a graphics field](#) below.

The first task with a fresh created empty field is to assign a data field or a text to it. [Right-click](#) and the context menu will pop up:



There are also additional properties like the font etc. **Note:** if multiple fields are selected, this modifies all the selected fields.

[Data field selector](#)

By default, a new field is initialized as a text field. Select the right data field from the list box. This list offers all data fields which are available in the report's context. Additionally you can define plain [text fields](#) and horizontal [lines](#).

[Align](#)

Sets the alignment of the field.

[Font](#)

Sets the font for this field.

[Text](#)

This will popup a dialog where you can enter the text if this is a text field.

[Entire width](#)

Resizes the field's width so that it covers the whole label width. You can use this for fields which should be centered on the label.

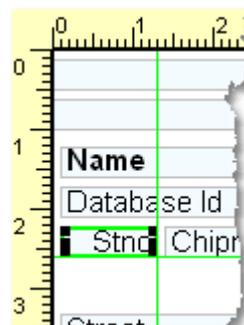
[Reset to label default font](#)

Resets the field's font to the label default font.

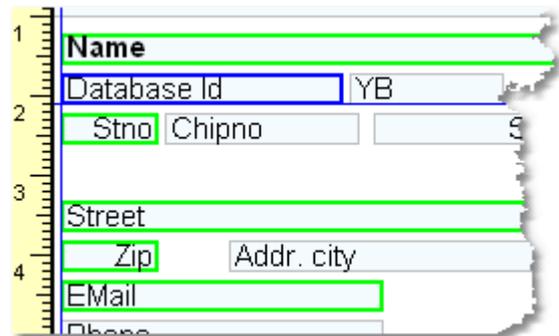
## – Working in the editor

The visual editor works similar to any graphics software. Of course it is a bit easier to handle since it is designed for SportSoftware labels.

To **select a field**, just click anywhere on it. It will be marked by a green box. The green helper lines should help you to get the best precision when positioning the field.



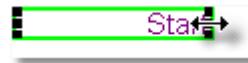
To **select multiple fields**, *Shift-Click* or *Ctrl-Click* all of them. Note that the last selected field is marked by the blue box. This is the one which is used as the reference for the *Align* function, see the above paragraph.



To **select many fields**, it may be easier to use the *selection rectangle*. Click anywhere left and above the left-top-most field you want to select. Note that you must not click into a field since in this case you would select this field only. Hold the left mouse button down and drag the mouse to the bottom right. The selection rectangle will appear and it will follow your mouse moves. When you have all fields inside the rectangle then release the mouse button. All fields will be selected which were completely inside the rectangle.



To **resize a field**, grab one of the black resizer points and drag it to the desired size. Note that you can only change the field's width since its height is calculated by the font size.



To **move fields**, first select all of them and then drag them to the desired position.

### - Handling a graphics field

Handling a graphics field is a bit different to normal data fields. Basically this is the same as in the [Report graphics designer](#).

The first task with a fresh created empty graphics field is to assign an image file to it. *Right-click* and the context menu will pop up:



**Image**

**Reset to original size**

Select the image file here.

Resets the picture to its original size after you had changed it.

To **resize a picture**, grab one of the black resizer points and drag it to the desired size. Note that this will always preserve the aspect ratio of the picture. This means the height will be increased automatically.



### - About series fields

**Series fields** are a special feature of the label layout editor.

With a data field, it may depend on the context whether it will be interpreted normally or as a series field. These fields will be filled subsequently with the appropriate values. The fill in order depends on their order on the label, from left to right and from top to bottom.

Examples give the fields for extra fees on the receipts as well as code number, punch time and split time on the result sheets. Another example is the start time. It is a normal field in a single day competition or a single stage report of a multiday competition. In a multi day's "All stages" report, it will be called stage start time and this is a series field which is filled with all stage start times subsequently.

Explore the standard label layouts of multiday "All stages" reports or the entries start fees reports to get a feeling for that.

## – Restoring layouts from V10

Since the new V11 label layout editor had been redesigned thoroughly and their handling in reports had been changed, it is not possible to have an automatic function which updates V10 labels into V11. You will have to define all your layouts manually again in order to learn more about the new features of the layout editor and to get them connected to the right report.

However, the [new graphic feature](#) will be a great help for you. Proceed as following:

- Print the old layout from the LayoutManager. This will show you the fields as boxes.
- Scan this print into a Bmp file.
- Define a new layout in the right report. Use a similar predefined layout as the template.
- Open this new layout in the editor and insert your scan as graphics.
- Now you have a picture of your old layout beneath the working panel. So you can easily move existing fields or create new ones in the right way.
- After you are finished, don't forget to remove the underlying graphics.

### Notice

Any change (especially of the fonts or images) will be reflected by the WYSIWYG display of the fields.

The data size which is produced by the printer driver for a particular label printout, depends on how many and how large fonts you are using. More and larger fonts will imply more print data and slower label printing. Also graphics will increase the printout data size and they will have a by far more negative effect on the performance. The optimum performance will be achieved if you will use the label default font only and as few as possible small graphics only. Therefore, it is urgently recommended to use high performance laser printers only if you are using pictures here.

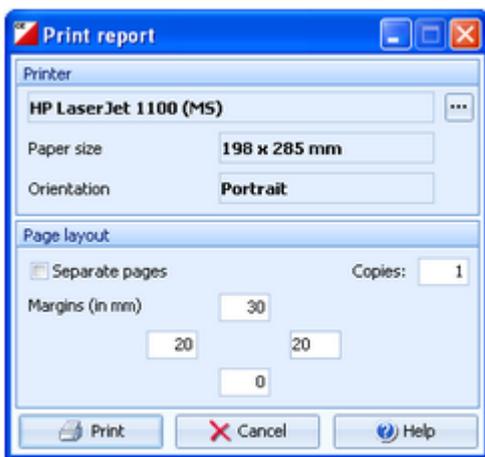
The label layouts are saved in the subfolder [Report](#) of your [Application settings folder](#). See the [Application folders reference](#) for more details. If a layout had been damaged or removed externally (Windows explorer), then the default layout will be used automatically.

Since you can open multiple windows simultaneously with the same report, you may accidentally modify the same layout from different report windows. The last one saved will be kept.

OE2010 includes a label layout management tool which helps you to exchange the layouts with other users or other clients in your network. See the [Report layouts reference](#) for more information.

### 5.2.3.3 Print dialog

The print dialog is shown before every printout. Some automatic printouts will display this dialog with the first printout only and not with subsequent ones.



#### Printer

Click on the button  to select the printer. In this Windows printer dialog, you will find a [Properties](#) button where you can select the paper format and the orientation. They will be displayed in the dialog.

#### Separate pages

If checked, the sections of the report will be printed to different pages. For example, a result report by classes will print every class on a new page.

- Copies** Enter the number of copies. Note that this number will be saved with the report settings, so pay some attention on this with the subsequent printouts to avoid paper waste.
- Margins** Set up the print margins like you need. You may require extra space for the margins if you want to include sponsor logos f.ex. See the [Report graphics designer reference](#) for more details.

## See also

[Reports](#)

[Report layout editor](#)

### 5.2.3.4 Label print dialog

The label print dialog is shown before every label printout. Some automatic printouts will display this dialog with the first printout only and not with subsequent ones.



- Printer** Click on the button  to select the printer. In this Windows printer dialog, you will find a [Properties](#) button where you can select the paper format and the orientation. They will be displayed in the dialog. Depending on the label settings, the size of a single label will be displayed also.
- Label description** Shows the name of the label.
- Rows/Columns** Define how the labels should be arranged on a page. The single label size above will give you additional information.
- Margins** Set up the print margins like you need.

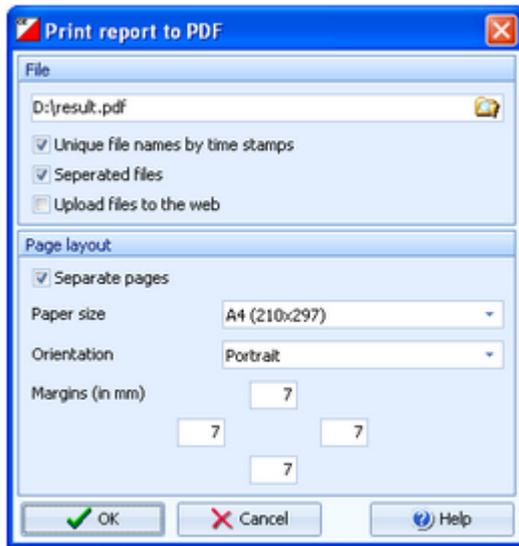
## See also

[Reports](#)

[Label layout editor](#)

### 5.2.3.5 PDF dialog

The PDF dialog is shown before printing to PDF. Some automatic reports will display this dialog with the first display only and not with subsequent ones.



<a href="#">File name</a>	Enter the output file name here. See the <a href="#">File selector reference</a> for more details.
<a href="#">Unique file names by time stamps</a>	The files are named like Date_Time_<Filename>.*. This is useful if you want to compute those files by a third party application on your computer or on a web server. So they can be identified easily and older outputs will not be overwritten. Of course, you or your application must take care to clean up all obsolete files...
<a href="#">Seperated files</a>	In conjunction with the option <a href="#">Seperated pages</a> , you can define if each seperated section will be printed into a seperate file, or if there will only be a new page and the output is printed to a single file.
<a href="#">Upload files to the web</a>	Check this if you want to upload the files automatically. See the <a href="#">Upload files reference</a> for more information.
<a href="#">Separate pages</a>	If checked, the sections of the report will be printed to different pages. For example, a result report by classes will print every class on a new page. See also the description about <a href="#">Seperated files</a> above.
<a href="#">Paper size</a>	Select the desired paper size.
<a href="#">Orientation</a>	You can select between <i>Portrait</i> and <i>Landscape</i> .
<a href="#">Margins</a>	Set up the print margins like you need. To avoid problems when printing the PDF file on a printer, each margin should not be lower than 7mm. You may require extra space for the margins if you want to include sponsor logos f.ex. See the <a href="#">Report graphics designer reference</a> for more details.

#### See also

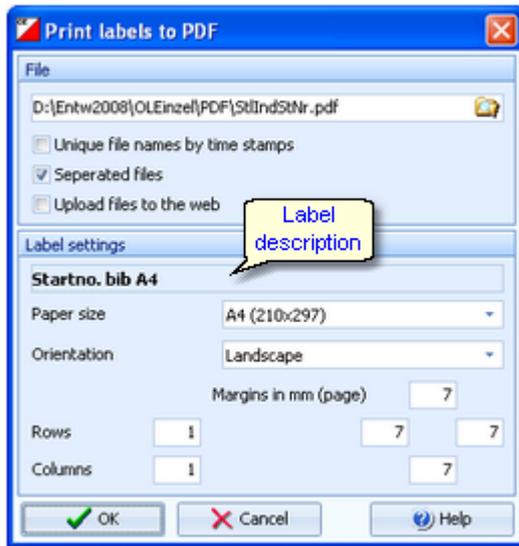
[Reports](#)

[Upload files](#)

[Report layout editor](#)

### 5.2.3.6 Label PDF dialog

The label PDF dialog is shown before printing labels to PDF. Some automatic reports will display this dialog with the first display only and not with subsequent ones.



<a href="#">File name</a>	Enter the output file name here. See the <a href="#">File selector reference</a> for more details.
<a href="#">Unique file names by time stamps</a>	The files are named like Date_Time_<Filename>.*. This is useful if you want to compute those files by a third party application on your computer or on a web server. So they can be identified easily and older outputs will not be overwritten. Of course, you or your application must take care to clean up all obsolete files...
<a href="#">Seperated files</a>	You can define if each label should be printed into a seperate file.
<a href="#">Upload files to the web</a>	Check this if you want to upload the files automatically. See the <a href="#">Upload files reference</a> for more information.
<a href="#">Paper size</a>	Select the desired paper size.
<a href="#">Orientation</a>	You can select between <i>Portrait</i> and <i>Landscape</i> .
<a href="#">Label description</a>	Shows the name of the label.
<a href="#">Rows/Columns</a>	Define how the labels should be arranged on a page.
<a href="#">Margins</a>	Set up the print margins like you need. To avoid problems when printing the PDF file on a printer, each margin should not be lower than 7mm. You may require extra space for the margins if you want to include sponsor logos f.ex. See the <a href="#">Label layout editor reference</a> for more details.

#### See also

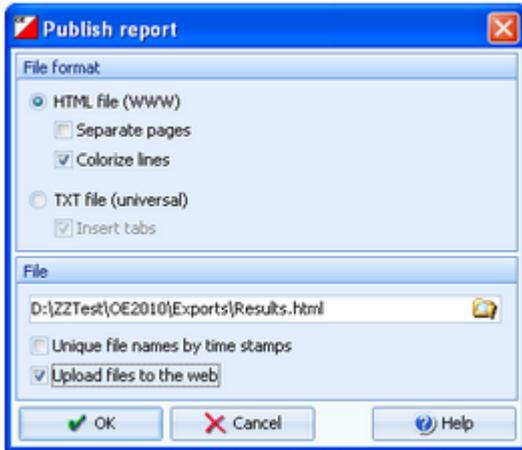
[Reports](#)

[Upload files](#)

[Label layout editor](#)

### 5.2.3.7 Publish dialog

The publish dialog is shown before publishing the report into html or txt files. Some automatic reports will display this dialog with the first display only and not with subsequent ones.



<a href="#">File format</a>	Select HTML or TXT.
<a href="#">Separate pages</a>	This setting works similar to the printed reports. Each section of the report is saved to a separate HTML file. For example, a result report by classes will write every class to a new file. In this case, the file with the original file name will contain an index page.
<a href="#">Colorize lines</a>	Every other row in the table will be displayed in white or yellow.
<a href="#">Insert tabs</a>	If not checked, then the columns will be filled up with spaces (blank characters). If checked, then there will be a Tab character preceding each column. This will enable you to publish this using a non-monospace TrueType font and variable column layout. Format the tabs using your text processor.
<a href="#">File name</a>	Enter the output file name here. See the <a href="#">File selector reference</a> for more details.
<a href="#">Unique file names by time stamps</a>	The files are named like Date_Time_<Filename>.*. This is useful if you want to compute those files by a third party application on your computer or on a web server. So they can be identified easily and older outputs will not be overwritten. Of course, you or your application must take care to clean up all obsolete files...
<a href="#">Upload files to the web</a>	Check this if you want to upload the files automatically. See the <a href="#">Upload files reference</a> for more information.

#### See also

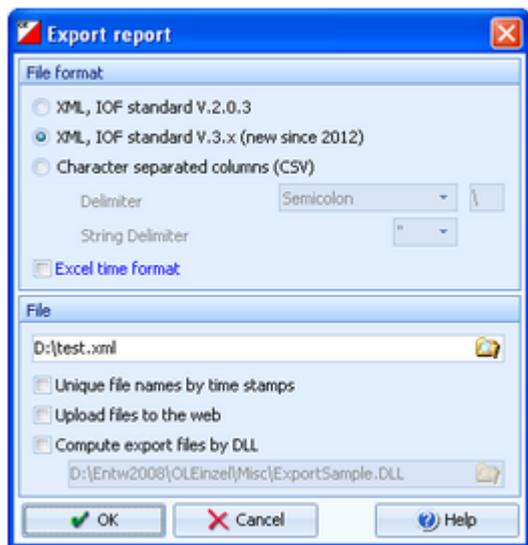
[Reports](#)

[Upload files](#)

[Send Emails](#)

### 5.2.3.8 Export dialog

The export dialog is shown before exporting the report into CSV or XML files. Some automatic reports will display this dialog with the first display only and not with subsequent ones.



#### File format

Select XML or CSV.

#### CSV

The record structure is given in a special header line at the beginning of the file. The first column is always empty, headed by a unique identification of the export file. There are many exports of OE2010 which can also be imported using the same format. The imports use the identification to check if this is a file of the right format. If you want to create such an import file by a 3rd party application, then just do an export to get a sample. For more information see the various import functions.

#### XML

This is normally one of the XML formats defined by the IOF. You have the choice between the older format [XML V2](#) and the newer one [XML V3](#). If possible, the newer format should be preferred. For more information, see the reference of the respective working form.

#### Delimiter, String delimiter

Normally you can leave the defaults [Semicolon](#) and `"` here. If the application, which will compute this export file, requires other delimiters, then set them accordingly.

#### Excel time format

Times below one hour will be formatted f.ex. as 00:01:25 to ensure that Excel and other programs can interpret this in the right way.

#### File name

Enter the output file name here. See the [File selector reference](#) for more details.

#### Unique file names by time stamps

The files are named like Date\_Time\_<Filename>.\*. This is useful if you want to compute those files by a third party application on your computer or on a web server. So they can be identified easily and older outputs will not be overwritten. Of course, you or your application must take care to clean up all obsolete files...

#### Upload files to the web

Check this if you want to upload the files automatically. See the [Upload files reference](#) for more information.

#### Compute export files by DLL

Use the export DLL interface for further computing of the export files. See the paragraph below. Enter the right DLL file name here.

## – Export DLL interface

Often it is not enough to just upload the export files to a web site or another computer. Additionally, there should be some function triggered which works on every new export file. Some web sites provide API calls which should be used for updating live results by new data which come from export files. Many web sites support OE2010's own CSV format as well as the IOF XML format, f.ex. [Winsplits](#).

OE2010 provides a well defined interface to external DLLs. The export DLL interface provides just a single function called [ExecuteExportFile](#). This function can be implemented by any 3rd party to perform any additional action on the export file. If the export is defined as a task of an [automatic result report](#), then the DLL call is performed automatically with every update of the report.

With OE2010, a demo DLL named **ExportSample.DLL** is included. You find it in the subfolder **Misc** of your OE2010 installation folder. This just displays the export file in a dialog. Since there may be different DLLs available for different tasks with different reports, you can select the right DLL file which will be saved specific to the report.

Interested programmers or users can find the source code (Delphi 6 Pascal) of this DLL under **<Installation folder>\Misc\ExportSample.dpr**. This is easily to understand and the definitions may be converted to any other programming language, for example C++ or even C#. The external DLL can be written in any programming language.

## See also

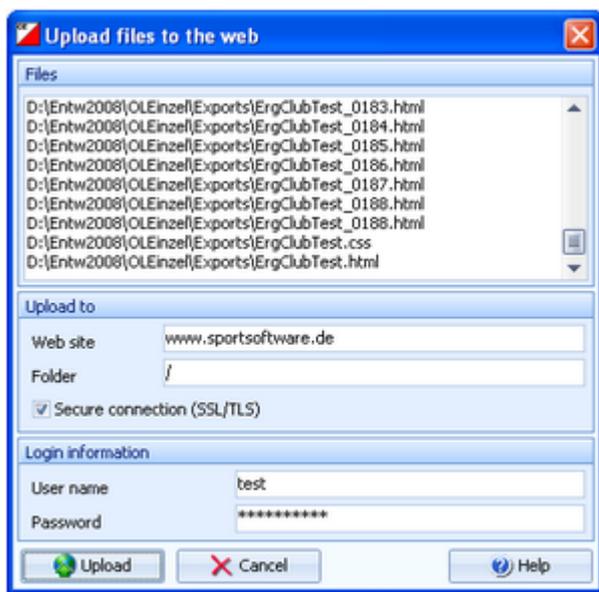
[Reports](#)

[Upload files](#)

[Result Reports](#)

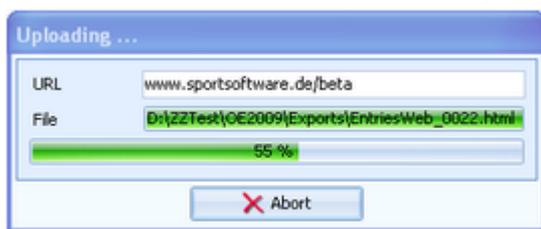
### 5.2.3.9 Upload files

The upload files dialog is shown before uploading files to the web. It is invoked by the [Publish dialog](#) or the [Export dialog](#) if you had checked the [Upload option](#) there. Some automatic exports will display this dialog with the first upload only and not with subsequent ones.



- Files** Displays all the files which had been created by the [Publish](#) or [Export](#) function of the report.
- Upload to** Enter the [URL of your web site](#) and the [destination folder](#) on this server.
- Login information** To be allowed to login on this server, you will need a valid [user name](#) and [password](#). Ask the owner or web master of this site for the correct settings.
- Secure connection:** Check this option if your web server requires SSL/TLS secure encryption.

After having launched the upload by clicking on the **Upload** button, the status dialog will show you the progress.



## Notice

The application will detect an existing open internet connection automatically. This can exist either from the local PC or via the LAN. This connection will then be used.

## See also

[Reports](#)

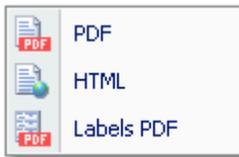
[Publish dialog](#)

[Export dialog](#)

[Send EMails](#)

### 5.2.3.10 Send EMails

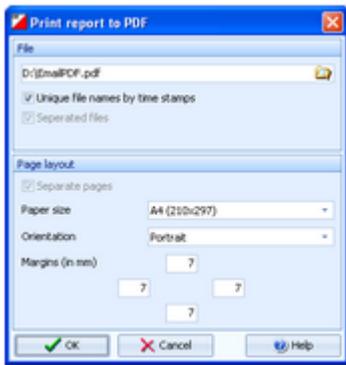
The send emails functions can be found with the [Send EMails menu item](#)  which is available in some reports by clubs. This will open a submenu



where you can select which file type should be used as email attachment.

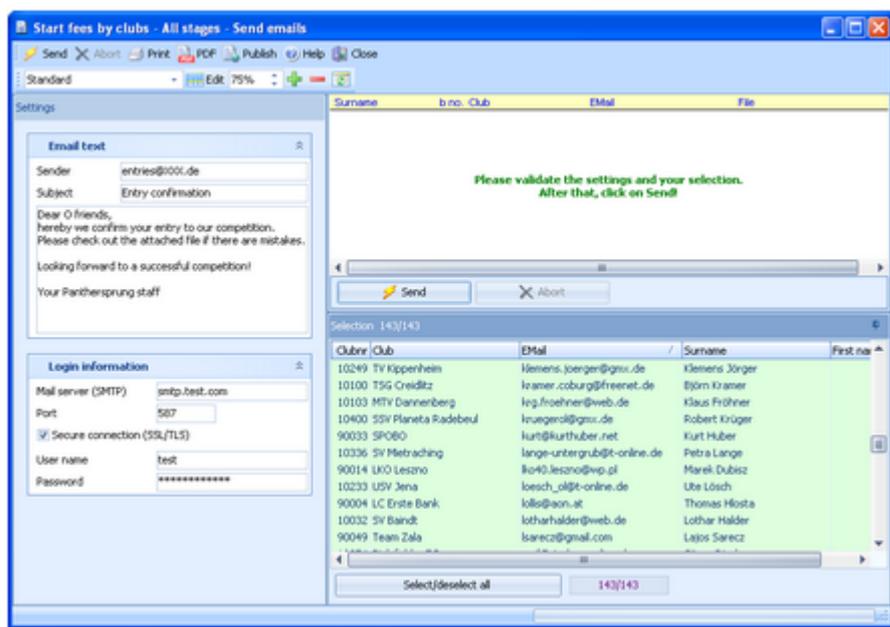
The most important application of this feature may be the entries confirmation to the clubs. See the [Entries reference](#) for more details. Another new possibility would be to send every club its split time sheets after the race, printed to PDF labels. See the [Result Reports reference](#) for more details.

First you will have to define the file name and other specific parameters. As an example, the PDF dialog is shown here. The other file types work in a similar way.



The report will be printed to PDF or published to html with the [Seperated files](#) option which creates an extra file for every addressee. It is a good idea to check [Unique file names by time stamps](#) and have those email attachments saved in a special folder. This way you have some kind of logged information what you did and you will be able to resend a file manually if necessary. Additionally you should save the report of this action into the same place, see below.

After creating the attachments the report form will be displayed.



Check out the settings at the left. Normally you will set up this the first time you are sending and keep this unchanged afterwards.

#### Email text

Enter your email address as the **sender**. This will be used as the **reply to** address if necessary. Enter **subject** and **text** like you are used to from writing emails.

#### Login information

Enter the correct information into the **login fields**. Have a look into your mail client and copy this information from there.

**Secure connection:** Check this option if your mail server requires SSL/TLS secure encryption.

**Port:** There are different default ports defined, depending on whether you are using a secure connection or not. **Without SSL** this is **port 25**, while **SSL** uses normally **port 465 or 587**.

Check out the addressees' selection at the bottom right.

Click on **Send**.

Html files will be attached as zip files and PDF files will be attached unzipped. The action will be logged in the report. Adjust the report layout if this is necessary, f.ex. if the email address or file name columns are too narrow.

**Never forget to print this report!** Or publish and save it together with the sent attachments.

### Notice

The application will detect an existing open internet connection automatically. This can exist either from the local PC or via the LAN. This connection will then be used.

### See also

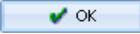
[Reports](#)

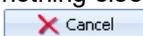
[PDF dialog](#)

[Publish dialog](#)

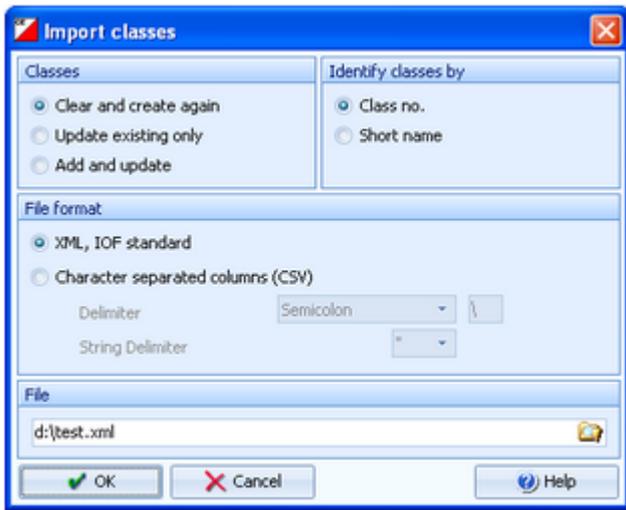
[Label PDF dialog](#)

### 5.2.4 Dialogs

Dialogs are windows which can't be arranged within the main window, because they are modal windows. This means, nothing else can be done except working in the dialog until it will be closed by **OK**  or **Cancel**

 **Cancel**. Sometimes those buttons do have other captions but the actions behind them are quite the same.

All dialogs are fairly self-descriptive and additionally you have a context help available in the most cases. Just one sample here:



## See also

[Selection grid](#)

[List box selectors](#)

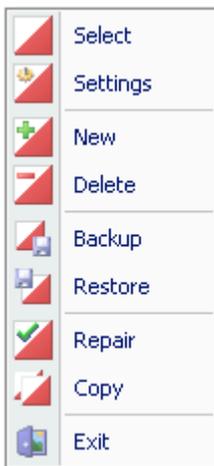
[File selector](#)

## 5.3 Event

Differently to previous SportSoftware versions, the SportSoftware V11 has a **new data organisation** which follows the standard which is defined by Windows XP, Vista, Win7 and newer Windows versions. Basically this means that the application settings like report layouts, the event data and also the archive data must not be saved in subfolders of the installation folder (like it had been the case with SportSoftware V10 and older). Instead, since Windows XP there are special user folders designed for that. With the SportSoftware V11, you can use predefined folder sets or define your own ones.

If you need more information about this subject, please read carefully the [Application folders reference!](#)

The **Event** main menu topic offers you all functions which are necessary for managing multiple events.



On starting, OE2010 always selects the previously selected event. Via **Event - Select** or the [Select event toolbar button](#) , you can select another event. See the [Select event reference](#) for more details.

To create a new event use **Event - New**. This will display the event settings dialog, where you can enter the characteristics of the new event. Look at the [Create a new event reference](#) to learn more.

If you want to modify the event settings later, use **Event - Settings**. See the [Event settings reference](#) for more details.

In the course of time old events, saved event status, or even test data will enlarge the event selection list unnecessarily. To delete an event, use **Event - Delete**. See the [Delete event reference](#) for more details.

Do not forget backing up your current event after each working session with OE2010. It is also recommended to make regular backups during the competition. This is the function **Event - Backup**. See the [Backup event reference](#) for more details.

If you followed a well thought out backup strategy, you have the chance to restore your event data in error cases. Use **Event - Restore** which is described in detail in the [Restore event reference](#).

Due to faulty network settings or other reasons (you can't imagine what can happen...) you may have got corrupted data. You can try to repair this yourself using **Event - Repair**. See the [Repair event reference](#) for more details.

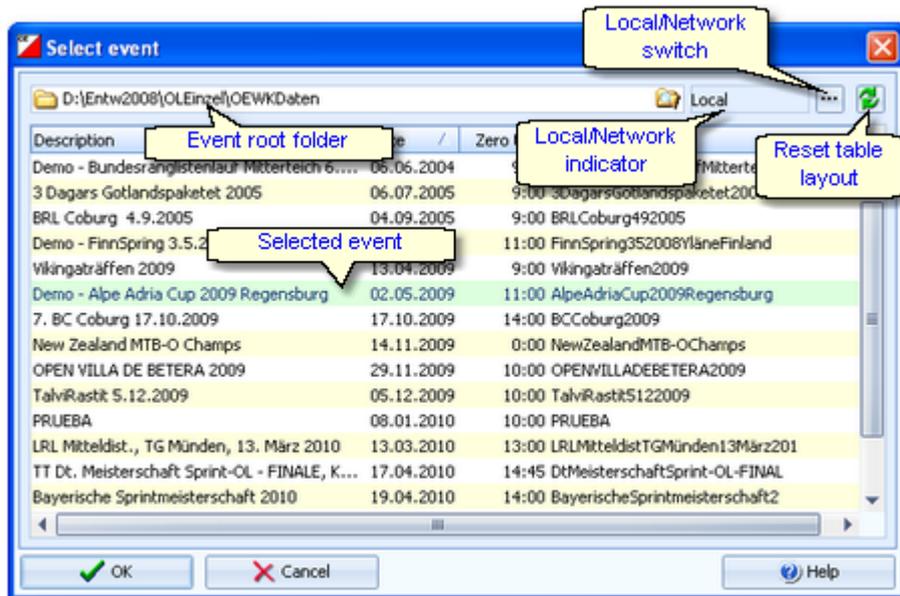
You may wish to duplicate an event, for example as a simple backup. Or you might wish to keep intermediate status of an event for later reuse. Or you may wish to use parts of a previous event as a starting point for the new one. This all can be done with **Event - Copy**. See the [Copy event reference](#) for more details.

### See also

[Beginning with the event](#)

### 5.3.1 Select event

On starting, OE2010 always selects the previously selected event. If this event cannot be found, you will get a message. OE2010 will then appear with no selected event. One reason may be that you might have renamed, moved or deleted the event folder or the event root folder "from outside".



When opened, this dialog displays all the relevant events which can be found in the current [event root folder](#). Relevant events are all those SportSoftware events which match the type and license of the application. The sample had been shown by OE2010 with multiday option, so it displays all single day and all multiday events which can be found in the event root folder.

You can select another event root folder if necessary. Mostly this will only be used when [switching to a network folder](#) which resides on a remote machine and its hard disk. For more details on how to use the folder list box see the [Folder selector reference](#). For more details on the application folders see the [Application folders reference](#).

The [indicator field](#) shows you if the event root folder (and thus the events shown in the list) is on the local hard disk or via the network on a remote hard disk. With the [Local/Network switch](#) you can switch between the last used local and network folders by a single mouseclick. See also the paragraph about [Working in a network](#) below.

You can customize the grid layout and sort the table like you prefer. The most useful sort order is by date (which is the default). Use the [Reset table layout](#) button to do exactly that. For more details on customizing the layout or sorting the table see the [Selection grid reference](#).

To [highlight](#) an event, click on it or move using the arrow keys. To [select](#) it, [doubleclick](#) on it, press [Enter](#) or click on [OK](#).

The characteristics of the selected event will be displayed on the [main window](#).

#### – Working in a network

Since with V11 we have a new data organisation, working in a network is different to V10 and earlier. Basically you can have the event root folder on any remote hard disk without any limits. Once you had used a remote folder, OE2010 remembers that one in addition to the local event root folder. That's how the Local/Network switch works.

Of course there are some requirements to be observed when working in a network. Please read carefully the topic [Working in a network!](#)

**Notice:** If you are working with different restricted user accounts, then please first study the [Working with restricted user rights](#) chapter.

#### See also

[Managing events - Task based help](#)

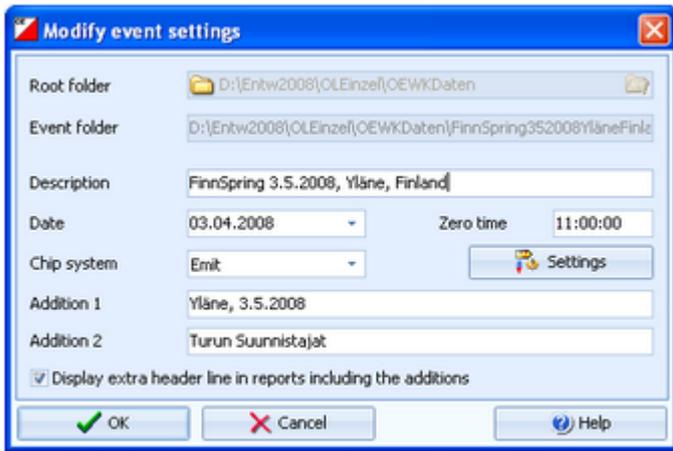
[Working in a network - Task based help](#)

[Working with restricted user rights - Task based help](#)

## 5.3.2 Event settings

### Single day event

This is the event settings dialog for a single day event.



You can modify the event [description](#) and the [date](#). The date format is as predefined in your Windows settings. You can enter it manually or use the calendar popup.



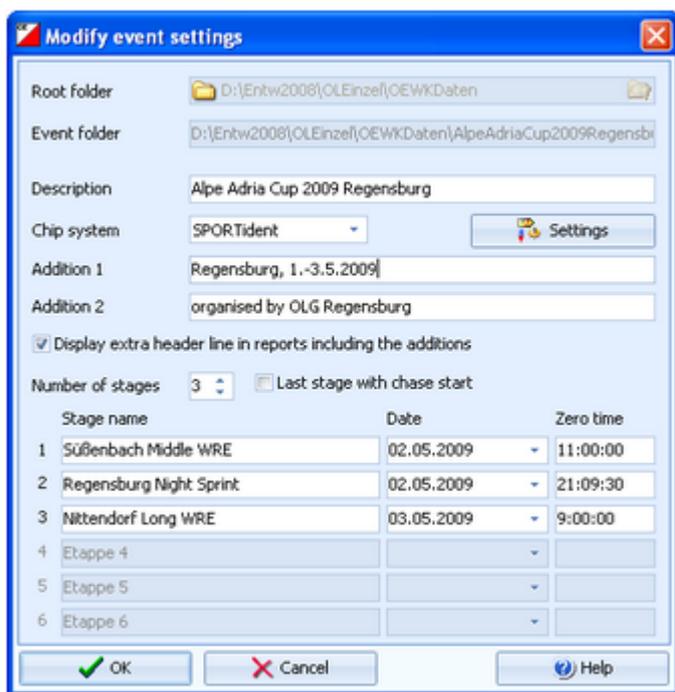
Define the [zero time](#) using the format *HH:MM:SS*. You may omit the seconds here, this will be adjusted automatically.

Select the [chip system](#). With the [Settings](#) button, you can define the settings for [SportIdent](#) or [Emit](#). For those settings, the event date and the zero time are very important. For more details see the [SportIdent settings reference](#) and the [Emit settings reference](#).

As you may have noticed in the sample, the event date is also included in the description there. Do so if you want to show the date in the printed reports. As an alternative, use an [extra line in the report header](#). There are two [addition fields](#) where you can enter any text. If you check [Display extra header line in reports including the additions](#), this text is displayed there. Addition 1 will be shown at the left and addition 2 will be shown at the right of the line. Decide yourself which print layout you prefer.

### Multiday event

For a multiday event, there is a different settings dialog.



There are some additional fields compared to the one day events.

Define the [number of stages](#) (valid 2-6). Although it is possible to modify this value at any time, you should define it correctly on [creating the event](#). In several forms it will be used for validation checks. Layouts of [start list](#) and [result reports](#) will be checked depending on this value.

Decide whether you want to have a [chase start](#) at the last stage or not. This option should not be changed after [start list draw](#).

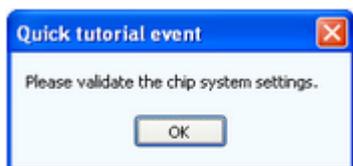
Enter a [name](#) for each stage. They will appear on all stage start list and stage result reports.

Enter the [zero time](#) for each stage.

### Notice:

The [Chip system settings button](#) is only visible if you had invoked this dialog by [Event - Settings](#). During the step of creating a new event, the same dialog will be shown but without this setting button.

When opening a working form or this dialog the next time, you will be prompted



Just do so ...

### See also

[Managing events - Task based help](#)

[SportIdent settings](#)

[Emit settings](#)

### 5.3.3 Create a new event

When creating a new event, the [Event settings dialog](#) will be displayed. See the [Event settings reference](#) for more details.

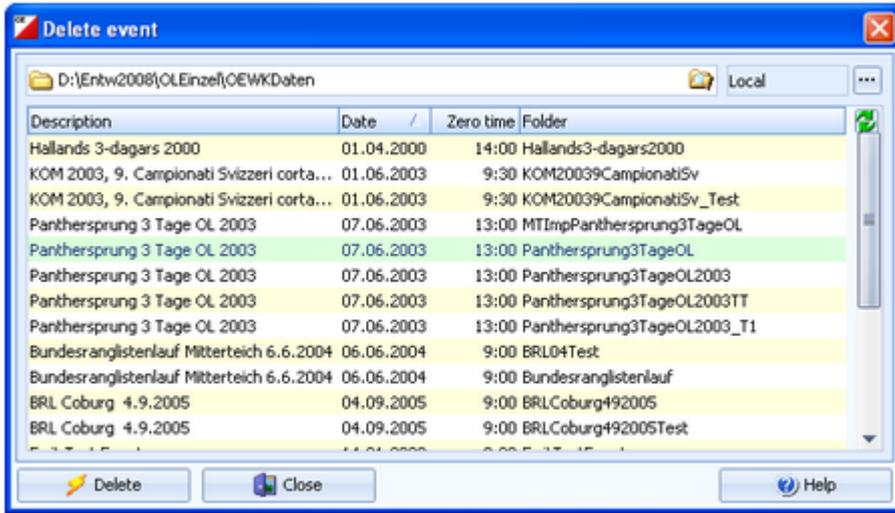
OE2010 will switch into this new event automatically.

### See also

[Managing events - Task based help](#)

### 5.3.4 Delete event

In the course of time old events, saved event status, or even test data will enlarge the event selection list unnecessarily. To delete an event, select it from the list and click **Delete**.



**Notice:** If you are working with different restricted user accounts, then please first study the [Working with restricted user rights](#) chapter.

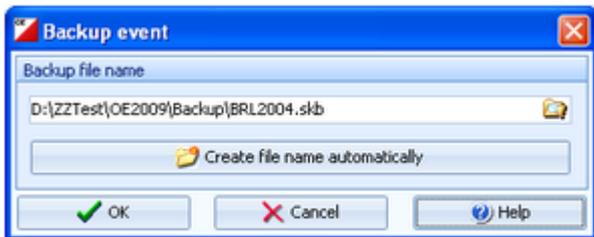
### See also

[Managing events - Task based help](#)

[Working with restricted user rights - Task based help](#)

### 5.3.5 Backup event

Do not forget backing up your current event after each working session with OE2010.



This function saves your event into a [single compressed file](#) of type `.skb`.

Select or edit the backup file name. For more details on how to use the file selector see the [File selector reference](#). It is recommended to backup data to an [USB stick](#) or to a [remote node](#) in the network.

Use the button **Create file name automatically** to get an appropriate new file name quickly. They are named like `<Event>_Date_Time.skb`. This is useful during an event to get identifiable backup sets quickly. Those files will be [created into the folder which is entered in the input field](#). **Notice:** If you enter a new folder for this purpose, make sure that it will be terminated by the backslash `\`. Then it will be created automatically.

### Backup during the event (important!)

Normally, a backup requires exclusive data access. During the event, this is nearly impossible to get, because all users are working with open windows.

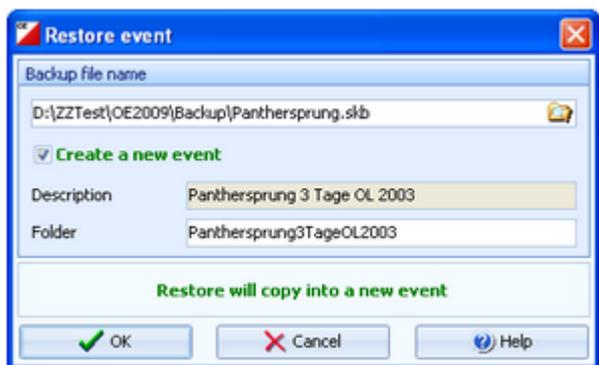
Ignore the warnings and ask all users to have a short break. This is especially important for those client PCs where chips are being read and those where evaluations and entries are handled.

### See also

[Managing events - Task based help](#)

### 5.3.6 Restore event

With a periodical backup, you have the chance to restore your event data in error cases.



Select the backup file which contains your backup dataset. Normally this should be preset from the previous backup. If you let [Create a new event](#) checked, then this backup will be copied into a new and empty event. In this case, you will be able to edit the [folder name](#) which had been preset based on the event description found in the backup set. If you want to restore the backup [into the current event](#), then just uncheck the option [Create a new event](#).

#### Notice

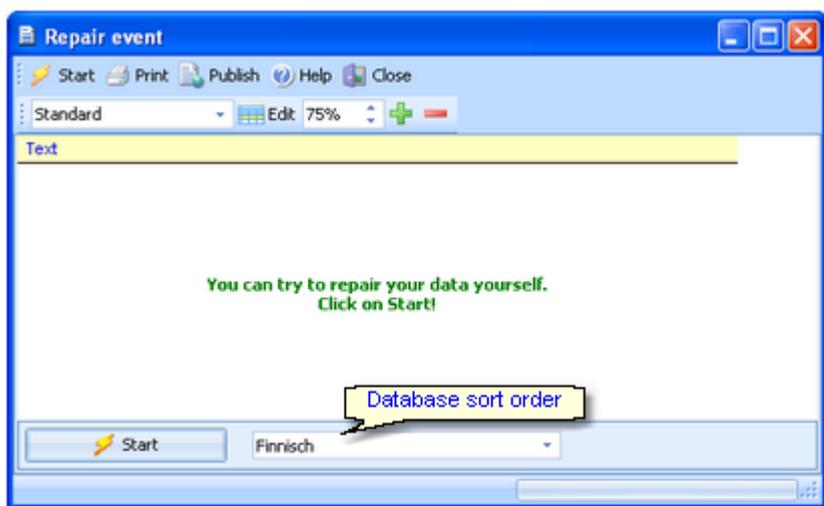
You can only restore backup files which are valid for OE2010. If this is an invalid backup or the file does not exist, then the [Description field](#) will display **Backup: invalid file format**.

#### See also

[Managing events - Task based help](#)

### 5.3.7 Repair event

You can try to repair corrupted data yourself. This may have happened due to faulty network settings. Or you may simply want to change the [database sort order](#).



Click on **Start**. The data will be repaired. Internal structures and file size will be optimized, using the selected database sort order. If you need, you can print the protocol.

#### Notice

The [database sort order](#) is independent of the application language. It defines how the text fields (f.ex. names) are sorted within the event database. When creating a new event, the default setting of your Windows configuration will be used. As far as your Windows configuration allows this, you can switch to any foreign sort order here.

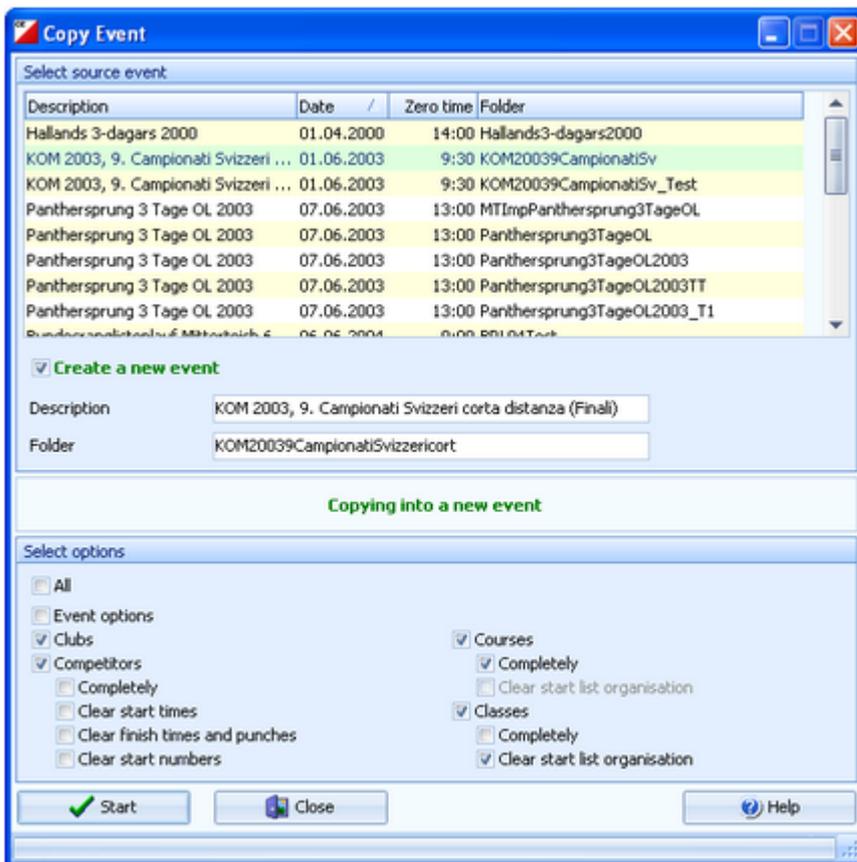
Actually this setting is only important for entries, start lists and result reports where you have the option to sort the competitors by names within the classes or clubs. The sorting in the working grid always uses your Windows default setting which should be the right one.

## See also

[Managing events - Task based help](#)

### 5.3.8 Copy event

You can duplicate any event as often as you need. For example, this may be a simple backup method. Or you might wish to keep intermediate status of an event for later reuse.



When opened, the [source events list](#) displays all the relevant events which can be found in the current [event root folder](#). Relevant events are all those SportSoftware events which match the type and license of the application. The sample had been shown by OE2010 with multiday option, so it displays all single day and all multiday events which can be found in the event root folder.

Select the [source event](#).

If you let [Create a new event](#) checked, then the source event will be copied into a new and empty event. In this case, you will be able to edit the [event description](#) and the [folder name](#) which had been preset based on the source event. It is wise to modify the description at this point. Otherwise you will have the same description twice in the event list since this will be copied into the new event.

If you want to copy the source [into the current event](#), then just uncheck the option [Create a new event](#).

With option [All](#) selected, the complete source event will be copied.

However, the main purpose of this function is the possibility to copy parts of the source event as a starting point for the new one. Deselect [All](#) to enable the detailed options.

[Event options](#)                   The chip system settings and the zero time will be copied.

[Clubs](#)                            The club table will be copied.

[Competitors](#)                   You can clear several fields to set up a new event with the same participants. You can select start times, finish times and punches, and start numbers.

**Notice:** Classes and courses will be copied automatically. If you clear the start times, then the finish times and punches will be cleared also.

#### Courses

The courses will be copied. As an option, you can clear the start list organisation, if you had drawn by courses. This will enable you to set up a new startlist from the beginning.

#### Classes

The classes table will be copied. As an option, you can clear the start list organisation. This will enable you to set up a new startlist from the beginning.

**Notice:** If you don't copy the courses, then the assignments of courses to classes will be cleared.

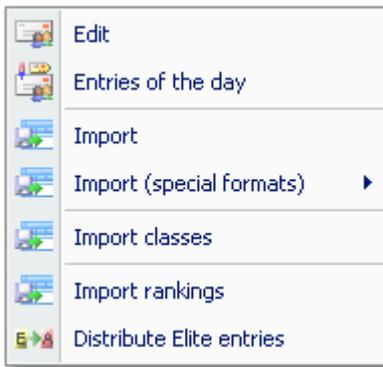
Click on **Start** to launch the copying process.

### See also

[Managing events - Task based help](#)

## 5.4 Entries Overview

The **Entries** main menu topic offers you all functions which are necessary for working with the entries.



With **Entries - Edit**, you open the entries form. Since the entries form is very complex, the reference had been split to several topics:

- [Entries \(competitors\)](#)
- [Classes](#)
- [Clubs](#)
- [Alternative classes](#)
- [Start fee settings](#)
- [Address dialog](#)

For entries of the day, you can decide whether you want to use the [normal entries form with the EOD option](#) or the special [Entries of the day](#) form.

To begin with the event, you can [import the classes](#) which may be delivered from an entry web service.

You can [import](#) the entries, f.ex. if they had been delivered by a web service. In some countries [special formats](#) are used for the import.

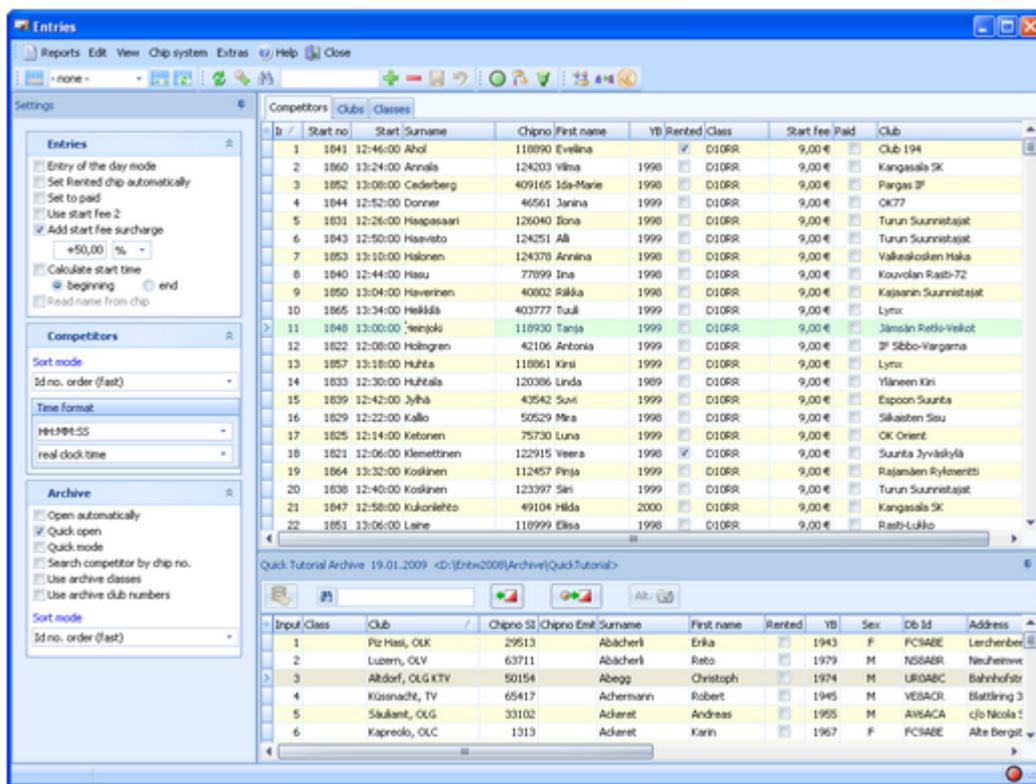
In some countries (so far I personally know Sweden and Finland only), the Elite classes are limited to a maximum number of competitors. Everyone who is qualified, can first enter for Elite. However, after the entries deadline, the organiser will [import the current ranking points](#) and then use the [Distribute Elite entries](#) function to select the best ranked for Elite and move those beyond the limit into an A or E2 class.

### See also

[Managing entries - Task based help](#)

## 5.4.1 Entries

The Entries form has three grids where you can edit competitors, clubs and classes. Look at the top of the data grid.



This topic deals with the [Competitors grid](#) of the entries form only. For more information on clubs and classes see the [Clubs reference](#) and the [Classes reference](#).

If you need more details about editing in the data grid, have a look into the [data grid reference](#).

### – Customizing the grid layout

You can [customize the layout](#) of the grid in various ways: which columns should be displayed in which order and size and how the table should be sorted. For more details, see the [data grid reference](#).

Additionally, for the entries form you have some [predefined layouts](#) available.

#### Pre entries

Layout to be used for pre entries. This displays columns only which are useful for entering competitors before the start list draw.

#### Late entries

Layout to be used for late entries. Here you see all columns which may be necessary after the start list draw, f.ex. start number and start time.

#### Entries of the day

Use this layout for entries of the day or direct entries. This is like the pre entries layout but including start number and start time.

You can use any of the predefined layouts as a starting point for your customizations.

### – Customizing the settings

The [Settings tab](#) has three paragraphs.

#### Entries

These settings define the behaviour of this function when adding competitors.

##### Entry of the day mode

In this mode, the EOD panel will be displayed. For more details, see the [Entries of the day](#) paragraph below.

**Multidays only:** Only the columns for the current stage will be displayed and validated, f.ex. start time, nc, ... The start fee will be calculated from the [start fee for a single stage](#).

<a href="#">Set Rented chip automatically</a>	If a competitor will be inserted without a chip number, <a href="#">Rented</a> will be set automatically. Afterwards, you may assign a rent chip.
<a href="#">Set to paid</a>	The <a href="#">Paid</a> column will be checked automatically with a new entry. This is useful for entries on the day, since normally they come, pay and run.
<a href="#">Use start fee 2</a>	With the <a href="#">classes</a> , you can define a second start fee. Sometimes it is used for two different start fees for direct classes. If checked, then this second start fee will be used for new entries.
<a href="#">Add start fee surcharge</a>	If you have higher start fees for late entries, you can use this feature. From the listbox, select whether the actual start fee should be calculated in percent of the original fee or as an absolute surcharge. In the left field, enter the value. You can also enter negative values to get credits for early entries f.ex.
<a href="#">Calculate start time</a>	You have the possibility to calculate a start time immediately for a new entry. This feature is useful for late entries outside the vacant places or for entries on the day. You can choose whether the start time should be calculated before the first existing or after the last existing start time in this class. <b>Notice:</b> The absolute precondition that this will work is that you have defined a valid <a href="#">start organisation</a> for this class!
<a href="#">Read name from chip</a>	With SportIdent and the right SICard type you have the possibility to read the competitor's details from the chip. This setting has priority over using the archive. If you check this option, then the <a href="#">name</a> , <a href="#">club</a> , <a href="#">address</a> , <a href="#">age</a> and <a href="#">sex</a> will be read from the SICard. This works together with <a href="#">SICard6 and newer only</a> . Sex is saved as text on the SICard. Therefore, this text must match the terms which are displayed by OE2010 in reports. Otherwise the competitor will be saved as male.

## Competitors

<a href="#">Sort mode</a>	You can define the sort mode for classes and clubs. They can be sorted by their Id numbers (class number or club number) or alphabetically. The latter may be too slow sometimes for large events. Choosing the Id no. order will optimize the load time of this form.
<a href="#">Time format</a>	The times in this form will be displayed according to this setting.

## Archive

These settings affect how entries will be inserted from the archive. See the paragraph about [Using the archive](#) below.

## - Editing competitors (entries)

Before you can begin here, you must have the classes defined. See the [Classes reference](#).

Be sure that you are displaying the competitors grid Competitors.

Competitors								
* Input order	Chipno	Surname /	First name /	YB	Class	Start fee	Club	
1127	91819	Kössi	Santeri	1992	H16A	11,00 €	Lapuan Virkiä	
1340	122574	Kotamäki	Iivo	1982	H21A2	14,00 €	Ikaalisten Nouseva-Voima	
1631	81903	Kotilehto	Jukka	1969	H35AL	14,00 €	Vesaisen Pojat	
1666	90222	Kotro	Petri	1964	H40A	14,00 €	Kymin Suunnistajat	
1074	91968	Kotro	Tuomas	1993	H15	11,00 €	Kymin Suunnistajat	
...	...	...	...	...	...	...	...	

When working on the competitors, please observe the following hints for the columns.

<a href="#">Class</a>	To enter a class, click on the dropdown button in the class column <span style="border: 1px solid black; padding: 2px;">▼</span> and select one. You can also use the keyboard. Just begin with the first character of the class. Then the class list will popup. Play a bit around what happens if you type further to get a feeling for that. You can also move with the <a href="#">arrow keys</a> in the list and finally enter the class by <b>Enter</b> .
-----------------------	---

	There is an automatic connection between the competitors and the classes grids. You can select a competitor in Edit mode. Then switch to the classes grid. The right class will be preselected so that you can do quick changes to the class. See the <a href="#">classes reference</a> for more details.
Club	<p>Entering the club just works in the same way as with the class. However, there is one difference. When adding a new competitor with a new club, you can use the <a href="#">Insert club button</a>  to enter this club.</p> <p>There is an automatic connection between the competitors and the clubs grids. You can select a competitor in Edit mode. Then switch to the clubs grid. The right club will be preselected so that you can do quick changes to the club.</p> <p>See the <a href="#">clubs reference</a> for more details.</p>
YB	Enter the year of birth in the full four-digit format. This may be required for calculations. In the reports the last two digits will be displayed only.
Input order	This number can't be modified since it is filled automatically. You can sort by this column to get just the input order.
Start number	If this column is <a href="#">visible in Insert mode</a> , then it will be preset with the next available start number.
XStno, XStno Text	If this is necessary, you can edit the Xtra start numbers manually. <i>Please be very cautious here</i> , since there is no check if the start no. is valid. Normally the Xtra start numbers should only be distributed by the start list draw. Have in mind that <i>at a multiday event the Xtra start number is a stage dependend value</i> . See the <a href="#">Start list draw - Classes reference</a> for more details.
Start time(s)	<p>If a start time column is visible, then a value must be entered there. With Multidays, this is only the case if Entry/Stage is checked.</p> <p><b>Negative times:</b> You can enter <a href="#">start times before the zero time</a>. To do so, first <a href="#">set the time format to relative to zero time</a>. Then enter a negative time (-...). Then set the time format <a href="#">back to absolute time</a>. Entering the time in absolute time does not work because then this time will be assumed to be after the zero time.</p>
Start fee	For a new entry, the start fee will be filled with the value defined for the class. If necessary, you may modify this value individually. If you change the class when editing an existing competitor, the start fee will be recalculated.
Paid	If you receive the start fee payments in advance, you may administer this using the field Paid. Use this flag ONLY if you receive payments from each runner individually. If you get the payments from the clubs, then the simpler method is to enter this with the <a href="#">club</a> .
Rented	<p>Check this if the competitor wants to rent a chip. This will be computed with the <a href="#">start fee reports</a>.</p> <p><b>Notice:</b> If you maintain a <a href="#">pool of rent chips in the archive</a> (see the <a href="#">archive</a> reference), and such a chip is used in the event, then you will be asked whether this flag should be checked if you did not check it manually.</p>
NC	Check this if the competitor should be not classified.
Block	<p>Means start block. Sometimes you may wish to presort runners within a class for the <a href="#">start list draw</a>. Criteria may be their expected performances (favourites at the end) or simply individual start time preferences (early or late start times). Use this column for this purpose. Valid values are 1-9999.</p> <p>The higher the number, the later the runner will start. Runners with block left empty will get the earliest start times. With multidays, you can define a different block for each stage.</p> <p>If you want to draw the <a href="#">startlist by time blocks</a>, the block accords to a time interval which you can define in the <a href="#">startlist organisation</a>. In most cases it is preferred to assign a time block to the <a href="#">whole club</a>. If you enter time blocks for runners individually here, this overwrites his club setting.</p>
Address	You can't edit the address directly in the grid. You have to click on the edit button  to display the address dialog. For more details see the <a href="#">Address dialog reference</a> .
Course	<p>This column is designed for classes which have individual courses (loop orienteering). <b>It should be only used for entries of the day here and only if those competitors will run individual courses.</b></p> <p>With pre entries, this course assignment should be done using the right course setting</p>

functions. See the [Assign Classes-Courses](#) and the [Assign Competitors-Courses](#) reference.

Editing the course works in the same way like the class, see above.

#### Entry Id

External entry web services may provide their own entry id to be able to allow an identification between the entry system and OE2010. This field can be transferred by import files following the IOF XML format. Normally you should not touch this value.

#### Entry class

You will need this column only if you have classes which have an attendance limit, like the elite classes sometimes. With a new entry then entry class will be filled with the class in the normal class column. If you have to change the class later, the entry class will be kept for reference. Anyway, you can edit this column in the same way like the normal class.

#### Team

See the extra paragraph below.

#### Extra fields Num1,2,3

You can use those fields for any purpose. You can define your customized names for those columns in the [Extra fields dialog](#).

#### Extra fields Text1,2,3

## - Entries of the day

You can also use this grid to enter *entries of the day* or *direct entries*.

Check the option *Entries - Entry of the day mode*. Select *View - Layout: Entries of the day*. This will look similar to the Pre entries layout, but additionally with start number and start time. [Sort the table by input order](#). You have also some other options available which affect how entries of the day will be added. Look at the [Customize the settings paragraph](#) above for more details.

In *Entry of the day mode*, you will see the EOD panel:



This will help you to control the allowed number of entries for direct classes. When saving a new entry which exceeds the maximum number of competitors in this class, you will get a warning.

There is also some *visual signalling*, so that you become aware when the number gets near to the limit. **Green** means OK, **Orange** means only a few left and **Red** means above the limit.

### Notice:

If you are inserting direct entries in a network simultaneously, then OE2010 will adjust the start number automatically if the preset start number had already been assigned by another operator.

There is also an *extra form* available for *Entries of the day* like the Direct entries form in previous versions of the SportSoftware. Its main difference to the normal entries form here is that its operation is reduced to just Entries of the day. However, if you need to change classes or clubs during editing the entries, then this normal entries form would be the better choice.

For more details see the [Entries of the day reference](#).

## - Filling vacant places

At many events, free places for late entries must be predrawn with the start list draw. Late entries can only be accepted as long as there are free vacant places for the respective class. OE2010 provides a **special handling when editing a vacant place** compared to editing a "normal" existing competitor.

If you had set the option *Archive: Search competitor by chip no.*, then the competitor will be looked up in the archive and his details will be inserted after leaving the chip no. column by *Tab*. You can also use the other methods to insert a competitor from the archive, see the next paragraph. The class will remain unchanged but the start fee will be recalculated using the current *Late start fee settings*.

## - Using the archive

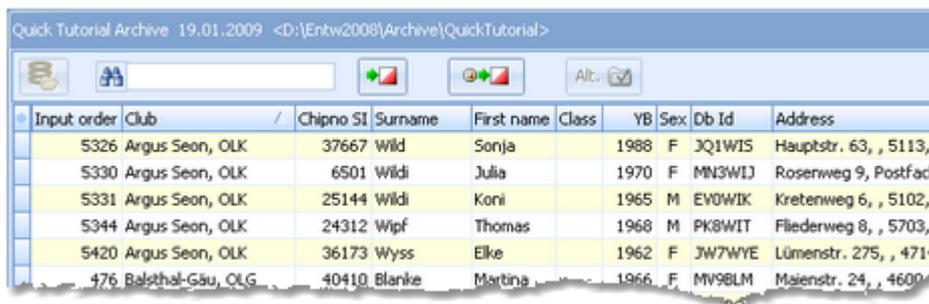
The archive is normally a national database which includes all runners of the country. This can be used to speed up the entries input. Think about such fields like Chip number, Database Id and address which are quite time consuming

and error-prone to be entered manually. In many countries the O federation maintains such a database which is ready-to-use for the SportSoftware. You may ask your federation or other SportSoftware users in your country for that. Also have a look on how to [select, create and edit archives](#) with OE2010. You can see the characteristics of the current archive in the [Archive tab](#).

Quick Tutorial Archive 19.01.2009 <D:\Entw2008\Archive\QuickTutorial>

Move the mouse over the tab and fix the archive panel with the pin .

First you will see an empty table. Just click on the [Open archive](#)  button to open it. If you would like to have the archive opened automatically, then check the option [Open automatically](#).



Input order	Club	Chipno SI	Surname	First name	Class	YB	Sex	Db Id	Address
5326	Argus Seon, OLK	37667	Wild	Sonja		1988	F	JQ1W15	Hauptstr. 63, , 5113,
5330	Argus Seon, OLK	6501	Wildi	Julia		1970	F	MN3W1J	Rosenweg 9, Postfach
5331	Argus Seon, OLK	25144	Wildi	Koni		1965	M	EV0W1K	Kretenweg 6, , 5102,
5344	Argus Seon, OLK	24312	Wipf	Thomas		1968	M	PK8W1T	Fliederweg 8, , 5703,
5420	Argus Seon, OLK	36173	Wyss	Elke		1962	F	JW7W1E	Lümenstr. 275, , 4714
476	Balsthal-Gäu, OLG	40410	Blanke	Martina		1966	F	MV9BLM	Maienstr. 24, , 4600

Now you can search for the desired competitor and then [doubleclick](#) on him to insert him into the event. You can also move using the arrow keys and press [Enter](#) to insert a competitor. Another choice is to click on the [Copy Competitor](#)  button. Do so with all competitors. Of course, there will be some competitors who are not in the archive. Simply enter them manually.

Sometimes a competitor is not found in the archive but his club (with other competitors). So you need to enter him manually but you want to copy the club from the archive because of addresses etc. To do so, enter the competitor manually. Then search in the archive for the club and highlight any competitor of this club. Click on the button [Insert a new club from the archive](#)  to insert the club.

Under the [Settings tab](#), you find the paragraph [Archive](#). Those settings determine how inserting competitors from the archive works.

#### Open automatically

With large archives (more than about 10000 competitors) it will take some seconds to load the form, especially in a network. If you don't need the archive right now, then uncheck this option. In this case, you have the possibility to open the archive manually

using the [Open archive](#)  button.

#### Quick open

For large archives like the Swedish and Finnish ones, opening it takes too long since the whole database must be read into memory. The Quick open mode is the same quick way of computing like in previous versions of the SportSoftware. However, there are some restrictions with sorting and searching capabilities.

OE2010 will remind you to set this if the archive has more than 20000 competitors. Also, the opposite will be reminded: if you have an archive smaller than 20000, you should unselect the Quick open mode. Of course, if your machine is fast enough, you can always use the normal mode.

#### Quick mode

Use the Quick mode to have the competitor saved into the event automatically. This works only if the input is complete (class!). Thus you can stay in the archive grid and can insert each competitor after the other into the event.

If you are sure that you have to add data manually (e.g. start times of late entries or the class because it can't be calculated), then turn off the quick mode.

#### Search competitor by chip no.

You may read the chip of the competitor or enter the chip number manually and move into the next column by [Tab](#). Then his details will be copied from the archive. This option only works with new entries or when filling vacant places.

#### Use archive classes

This option determines how the class of a competitor should be defined. If you check this option, the class number will be copied from the archive into the event. Otherwise it will be calculated by the age and sex of the runner. Both methods require different

preconditions.

### Preconditions for copying the class from the archive

In the archive, all runners must be assigned to their classes. You must have [copied the archive class table](#) into the event. With a new entry, just the class number will be copied from the archive into the event. If you will not use all classes defined in the archive in your event, then use the [Alternative classes](#) feature.

### Preconditions for calculating the class

In the archive, every runner must have entered his year of birth and his sex. You must also have defined age and sex for every [event class](#). The algorithm examines the classes with Age to first (youngsters). If there is no appropriate class, then the veteran classes will be examined by their Age from.

[Use archive club numbers](#) New clubs will be created in the event automatically if necessary. Use this setting to determine how the club numbers should be handled.

By default, this option is not selected. That means, each new club will get the next available club number in the event. However, it may be required that the clubs should keep the club number from the archive. Then select this option. Each club which is inserted from the archive will keep the same number.

New clubs which were not in the archive before, will get club numbers beginning with 90000.

[Sort mode](#) You can define the sort mode for classes and clubs. They can be sorted by their Id numbers (class number or club number) or alphabetically. The latter may be too slow sometimes for large archives. Choosing the Id no. order will optimize the load time of this form.

## – Start fees

In the class table you can enter the start fees per class. When you enter a new competitor, his [individual start fee](#) field will be filled with this value from the class. If you had checked [Use start fee 2](#), then the second start fee of the class will be inserted. If you for any reason decide that this is not suitable, just modify the individual start fee.

There are also some fees which must be entered for the club, like chip rent fee or accommodation, etc. You can

define those [extra fees](#) by clicking  or [Extras - Start fee settings](#) which will show the [start fee settings dialog](#). In the [club grid](#), you can enter the numbers how much items of a specific extra fee a club has ordered.

See also the [classes reference](#) and the [clubs reference](#).

### Currency sign

OE2010 uses the currency sign of your Windows settings. To change it, go to [System Panel-Country settings](#). There you can also define the layout of currency amounts, whether the sign should be shown before or behind the value.

## – Teams

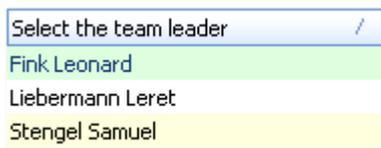
First read the task based description of [Handling teams](#). Keep in mind what is written there about the chip which counts for the team.

[Display](#) the column [Teams](#). Move it near the [surname/first name](#) columns to make editing easier and give you a better overview.

Basically assigning to a team means to define a competitor as the [team leader](#) and [assign all members](#) of the team (including the leader) to him. This can be done using the listbox of the team column. [A team is only possible with competitors of the same club and class](#). If you have mixed teams, then you will have to define additional appropriate clubs.

With [new entries](#), proceed as following.

Enter the team leader first and don't assign him to a team. Since the team leader's chip will count for the team, it is necessary that he will get his chip number entered. Then enter the second team member. Pull down the team list box. This will include all competitors of the same club and class who are not yet assigned to a team as an ordinary team member (so it includes existing team leaders as well).



Select the right competitor. When saving the record, the team leader will be assigned to the team automatically, if not yet done.

Of course you can also first insert the competitors as usual and after that assign them to the teams.

To **release a member** from a team, just clear the team field.

To **release a team completely**, clear the team field of the team leader (where his own name is given). This will release all team members as well.

If the **class or club of a team member is changed**, then he will be released from the team. If this is the team leader, then the whole team will be released.

**Notice:** the team leader listbox works in the same way like you are used from class and club listboxes. Begin typing and the list will be quickly reduced to the right competitor.

In the **entries reports**, all competitors are listed individually. Display the **Team** column, if you want to expose the team assignments.

## – Using Alternative classes

If you have checked [Use archive classes](#) then you will see an additional grid tab: **Alternative classes**.

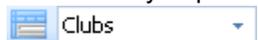
In the archive panel, click on the **Validate alternative classes** button . This will fill the **Alternative classes grid** with the classes from the archive. Then you can look at the archive classes which are not in the event and assign an event class to them.

Archive	Event
D12	D14
D14	
D16	D18
D18	
> D19E	D21E
D20	D21E
D21AK	

Of course, you can use this table also if you are using completely different classes in the event! Those archive classes which are also used in the event can be left blank in this table.

## – Using the group by feature

Sometimes you prefer to use the group by feature to get a better overview. You can group by clubs or classes:



This will change the display of the grid:

Input order	Startnr	Start	Chipno	Surname	First name	YB	Rented	Class	Start fee	Paid
Köln, DARC										
Kronberg, MTV										
Lauf a.P., Ski Club										
Leipzig, Vorwärts										
Leipzig, USC										
317	675	10:54:00	2113	Martin	Sascha	1973	<input type="checkbox"/>	H21AK	10,00 €	<input type="checkbox"/>
318	119	10:03:00	2133	Busch	Matthias	1975	<input type="checkbox"/>	H21AL	10,00 €	<input type="checkbox"/>
320	63	9:36:00	2125	Ochmann	Torsten	1970	<input type="checkbox"/>	H21AL	10,00 €	<input type="checkbox"/>
321	71	9:39:00	2209	Martin	Falk	1970	<input type="checkbox"/>	H21E	10,00 €	<input type="checkbox"/>
322	397	9:55:00	2131	Meyer	Ulf	1961	<input type="checkbox"/>	H40	10,00 €	<input type="checkbox"/>
323	505	10:24:00	2124	Ochmann	Gert	1945	<input type="checkbox"/>	H55	10,00 €	<input type="checkbox"/>
Leipzig-Mitte, ESV										
Lübecker Turnerschaft										

You can now expand the club which you want to focus on. Independently of the club sort order, you can sort the competitors by any different column. Grouping by classes works in the same way.

See also the [Working form reference](#).

## – Special functions

### Reading the chip no. from the chip

You may read the chip using a reading device and insert the chip number automatically. With an existing entry, this will overwrite the chip no. With a new entry, you can let OE2010 search the competitor by the chip no. in the archive and insert his details. See the paragraph about [Using the archive](#) above.

**Notice:** In the archive, the [Rented flag](#) has a different meaning compared to what it means within the event. In the archive, it is used for administering a pool of chips which are to be rented at events. If such a chip is detected here, then only the chip no. will be copied from the archive into the event. All other fields will not be transferred, so that you have to add the real name of the competitor. Consequently, the Rented flag for the event will be set.

The functions for the handling of the chip system device are provided by the menu item [Chip system](#) and the [Chip system toolbar](#). See the [Handling the chip system devices reference](#) for more details.

### Reading the competitor's details from the chip

See the [Settings paragraph](#) above.

### Next competitor without chip

This function can be found under the [Edit](#) menu item or you can use the toolbar button  or the hotkey **F12**. The next competitor without a chip will be highlighted. You can use this feature together with reading the chip number from the chip. This may be helpful if you want to assign rented chips before the event.

### Reset competitor to a vacant place

This function can be found under the [Edit](#) menu item or you can use the toolbar button . You may need this function if you want to put a competitor into a different class after the start list draw. If you have a predrawn start list which follows well-defined competition rules, then it is not possible to just change the class. Instead, the competitor must be set into a free vacant place of the destination class while his original start place within the wrong class must be reset to a vacant place. This function performs the second step with a single mouseclick.

### Join classes

This function can be found under the [Extras](#) menu item or you can use the toolbar button . You can move all competitors of one class into another. This may become necessary if a class requires a minimum of runners, e.g. at championships.

### Sending emails

Display an entries or start fees report by clubs. In the report's menu, you will then find the [Send EMail](#) button . Click on it to send each club its own entry list as a confirmation. This requires an email address to be entered with the club address. For more details, see the [Send E-mails reference](#).

## – Reports

There are various reports available in the entries form. The titles should be self-explaining.

There is one [special function](#) to be mentioned here. In the start fee reports, you see an additional menu button

 [Blank receipts](#). Print blank receipts which you can use on the competition day for direct entries.

There are some [special options](#) in the reports which should be explained here. Only those which are important for entries and start fee reports are listed below. For the classes and clubs reports, see the [Classes](#) and [Clubs](#) reference.

<a href="#">Time format</a>	The times in the report will be displayed according to this setting.
<a href="#">Names</a>	The names in the report will be displayed according to this setting.
<a href="#">Competitors sorted by</a>	This is available for club and class reports. Within a class/club the competitors will be sorted by the selected field.
<a href="#">Rented chips only</a>	This restricts the entries report on those competitors without a chip.
<a href="#">Quick selection: type 1 or type 2</a>	This is available for class reports. You can use this to select all classes with the desired class types by checking them. For more information about class types see the <a href="#">Classes reference</a> .
<a href="#">Quick selection: addresses only</a>	This is available for the reports by competitors. You can use this to select all competitors who have an address entered with a single mouseclick. Note that you have the possibility to sort the selection grid (thus the report output) by zip code and city.

**Label layouts** The [Entries by...](#) reports are using the same pool of label layouts. That means f.ex., if you modify a layout in the entries by classes report, this will also be used in other entries reports.

For general information about reports, see the [reports reference](#).

### Notice

If you are working on a [multiday event](#), you will see the option  All stages  This stage only on top of the report menu items. [All stages](#) shows the reports including relevant columns for all stages (f.ex. start times), while [This stage only](#) will show the same report for this stage like for a normal single day event.

## – Exports

### CSV export

Most reports can be exported to CSV format. The record structure is given in the header line within the output file (format header). This file has the same structure as the input file required by the [event import](#). Thus it is possible to export and re-import the event as often as it is required. The [import of entries](#) requires the same format. Note that there are different formats for exporting single day reports (also from multiday events) and multiday reports with all stages.

**Notice: The CSV file format has been changed from V.10.x to V.11.0!!**

### XML export

You can export the entries report into the [IOF standard, document type EntryList](#). You can select between XML V2 and V3. If possible, then the newer format is to be preferred. With XML V2, the export is possible with the report sorted by clubs only, because this IOF document type requires that sort order. XML V3 is available for all sort orders. Note that there is the same format for both multadays and single days.

This is the same format as for the [entries XML import](#).

For more details, see the [exports reference](#).

## – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

Besides the start time, there are more fields which can be entered for each stage individually, like nc, block chip, etc.

OE2010 supports entries for single stages. Uncheck the stages where the competitor does not enter (columns E1, E2 etc.). He will not be drawn for this stage and can be specially computed in start fee calculations. If you have checked the option [Entry of the day](#), the competitor will be checked for the current stage only.

With a new entry, the chip number of the first valid stage (determined by Entry/stage) will be copied into the valid remaining stages. Reports show the chip number of the current stage.

#### Special function [Copy chip numbers](#)

Sometimes you don't preenter the chip numbers but assign them in the finish at the first stage. This means that they will not be assigned to the subsequent stages automatically. Another scenario is that at the first stage a competitor comes with a different chip number than pre-entered and he will use this new chip for all stages. This function copies the chip numbers of all competitors from the current stage (set in the window) to the subsequent ones, but only where the competitor has the entry/stage flag set and no result yet. You can choose whether existing (different) chip numbers should be overwritten or not.

## See also

[Managing entries - Task based help](#)

[Entries of the day](#)

[Import entries](#)

## 5.4.2 Entries of the day

Although there is a similar [Entries of the day mode](#) in the [normal entries form](#), here is an extra form available for the same task. This one should allow the [most easy and secure operation](#) on the competition day.

This form works nearly in the same way like the normal entries form and its layout is quite the same. If you are new to the entries function, then please first read the [Entries reference](#) very carefully before you continue. The paragraph below explains the differences only.

If you need more details about editing in the data grid, have a look into the [data grid reference](#).

### – Special features - differences to normal entries

Compared to the normal entries form, this EOD form has a reduced layout and the operation had been optimized to the needs of EOD. Also, you have a better overview since the table displays the latest entries only.

[Competitor grid only](#)

Only the competitor grid is displayed, no grids where you can modify classes or clubs.

[Latest entries only](#)

The table displays the latest entries only, beginning with the time when you opened this form. So at the beginning it will be empty.

**Notice:** if you are working with multiple clients in the network, the table will show the latest entries from the other clients also, each time when it is updated (normally after saving an entry).

#### Insert mode by default

By default, the form starts in insert mode. Just enter one entry after another. However, if you need to change or delete a previous entry, you can cancel the insert mode and edit in the table as usual. To prevent you from overwriting an existing entry by accident, you have to confirm that.

#### Sorted by input order only

The entries in the table are sorted by input order and you can't change that, for a better overview.

#### Required functions only

Functions of the normal entries form which are not required here, are not available, f.ex. reports or the group by function.

#### Switch start fees individually

First, the start fee is set to start fee 1 or 2 of the class according to the option at the settings panel. Additionally you can switch to the other fee just for this entry by simply clicking the **Start fee 2** checkbox. This works in insert mode only.

#### Protected options

Some settings are disabled to protect them against accidental changes and some are preset to the right value. These are *EOD mode*, *Quick mode*, *Use archive classes* and *Use archive club numbers*.

#### Notice:

If you are inserting direct entries in a network simultaneously, then OE2010 will adjust the start number automatically if the preset start number had already been assigned by another operator.

### Special hints for multadays

If you are working on a multiday event, then you will see the **stage selector**. See the [stage selector reference](#) for more information.

The entries of the day are assigned to the current stage only, that means the **chip number**, the **start time** and the **course** will only be entered for this stage and the **entry per stage flag** will only be set for this stage.

#### See also

[Managing entries - Task based help](#)

[Entries](#)

## 5.4.3 Classes

The Entries form has three grids where you can edit competitors, clubs and classes. Look at the top of the data grid.

No.	Short	Long	Start fee	Sex	Age from	Type 1	Type 2
11	DE	DE	10,00 €	F	19	Normal	A
20	HE	HE	10,00 €	M	21	Normal	A
100	D10	D-10	7,00 €	F	0	Normal	A
110	H10	H-10	7,00 €	M	0	Normal	A
120	D12	D-12	7,00 €	F	11	Normal	A
130	H12	H-12	7,00 €	M	11	Normal	A
140	D14	D-14	7,00 €	F	13	Normal	A
150	H14	H-14	7,00 €	M	13	Normal	A
160	D16	D-16	7,00 €	F	15	Normal	A
170	H16	H-16	7,00 €	M	15	Normal	A
180	D18	D-18	7,00 €	F	17	Normal	A
190	H18	H-18	7,00 €	M	17	Normal	A
210	H20	H-20	10,00 €	M	19	Normal	A

This topic deals with the **Classes grid** of the entries form only. For more information on clubs and competitors see the [Clubs reference](#) or the [Entries reference](#).

If you need more details about editing in the data grid, have a look into the [data grid reference](#).

## – Loading a class template from the archive

If you are using the archive, you may already have a well defined [class table template](#) (offered from your federation) for your event. Then copy this class table from the archive into the event and use this as your starting point. For more details see the [Copy classes into the event reference](#).

## – Editing classes

Before you can enter competitors, you have to define the classes. Click on the [classes tab](#)  to display the classes grid. Just enter them as given in your invitation.

Competitors						
Competitors		Clubs	Classes			
* No /	Short	Long	Start fee	Sex	Age from	
10	D21E	D 21 Elite	10,00 €	F	21	
20	H21E	H 21 Elite	10,00 €	M	21	
100	D10	D -10	7,00 €	F	0	
110	H10	H -10	7,00 €	M	0	
120	D12	D -12	7,00 €	F	11	

When working on the classes, please observe the following hints for the columns.

- No** The [class number](#) identifies the class uniquely. In insert mode, this input field will be filled with the next available number as a default. However, to have more flexibility for later additions, you may prefer to enter class numbers in steps of 10. Have a look into the demo events to get a feeling about suitable class short and long names as well as class numbers.
- A class number must be unique. In addition to the class name, reports (e.g. start or result lists) can be sorted by this number. Thus you can define a class order of your choice by assigning suitable numbers.
- Short, Long** The [short name](#) must be unique and should be as short as possible to speed up keying in the entries. Typing two or three letters without blanks is very fast and it will speed up also the selection from the automatic list box. The [long name](#) can be more descriptive and longer and include blanks. Short and long names can be used alternatively in reports. Just select what you prefer. In some cases the short name will appear on reports for limited space reasons. Use capital letters for them, so it looks reasonable on the reports.
- Start fee** The [start fee](#) will be used as the default for [new entries](#) of this class. Any modification of this value will take effect for future entries only. Thus be sure to have the start fees defined in the right way before the first entry!
- Currency sign**  
OE2010 uses the currency sign of your Windows settings. To change it, go to [System Panel-Country settings](#). There you can also define the layout of currency amounts, whether the sign should be shown before or behind the value.
- Start fee 2** For [special purposes](#), you can define a [second start fee](#). You can customize the description of this field with the [extra fields](#). See also the [Entries reference](#) and the [Entries of the day reference](#) for how you can use this value.
- Sex, Age from, Age to** Enter values for [Sex](#), [Age from](#) and/or [Age to](#) if you want to calculate the appropriate class of competitors being inserted from the archive. It is sufficient to have Age to only for youngster classes and Age from only for veteran classes. See the [Entries reference](#) for more details.
- Type 1, Type 2** You can assign a class to [two different class types](#). The class types provide you additional selections for [start list](#) and [result reports](#).
- To modify a class type, click on the dropdown button in the column  and select one. You can also use the keyboard. Just begin with the first character of the class type. Then the types list will popup. Play a bit around what happens if you type further to get a feeling for that. You can also move with the [arrow keys](#) in the list and finally enter the class type by **Enter**.
- You can define your customized class type names in the [Extra fields dialog](#).
- Classified** This column is checked by default which means that in the results the class will be classified

by times and places. If you [uncheck](#) this, then in the result of this class there will [only be a comment](#) whether the competitors did their course correctly.

**Note:** In OE2010 versions prior to 1.1.2012, this was how the [special class type 1](#) called [Beginners](#) worked. Now this behaviour is independent of any class type according to the semantics of the new IOF XML standard V3 which had been introduced in 2012.

**Max. competitors** Sometimes you have an attendance limit for some classes. You can use this for [entries of the day](#). The number given here may be the number of maps prepared for a direct class. So you can check this when entering and perhaps direct the competitor into another class if no more maps are available.

You may use it also for Elite classes. You may use this value to shift competitors beyond the limit into lower A classes. See also the [Distribute Elite entries reference](#).

**Text** You can define a text which can be shown on [start list](#) and [result](#) reports as a class specific hint.

**Notice:** If you are using the [Emit punching system](#), please check out the [start punch setting](#) for all new classes! See the [Emit settings reference](#) for more details.

## – Exports

### CSV export

The report can be exported to CSV format. The record structure is given in the header line within the output file (format header). This file has the same structure as the input file required by the [event classes import](#). Thus it is possible to export and re-import the classes as often as it is required. Note that there are different formats for the export from a single day event and a multiday event.

**Notice: The CSV file format has been changed from V.10.x to V.11.0!!**

For more details, see the [exports reference](#).

## – Special hints for multadays

The [stage selector](#) does not matter for editing the classes and not for the classes report.

The number of [max. competitors](#) can be entered for each stage.

There is also an additional column [Start fee/Stage](#). This will be used for competitors, who do not enter for all stages. See the [entries reference](#) for more details.

### See also

[Managing entries - Task based help](#)

[Copy classes into the event](#)

## 5.4.4 Clubs

The Entries form has three grids where you can edit competitors, clubs and classes. Look at the top of the data grid.

No	City	Cl.name	Nat	Paid	Paid-Ind.	Address
65	Bad Harzburg	MTK		105,00 €	0,00 €	Eike Bruns, , Sachse
27	Bad Urach	SSV Alt.		30,00 €	0,00 €	Detmar Leukert, , A
42	Bandt	SV		71,00 €	0,00 €	Lothar Halder, , Sch
64	Berlin	TOLF		101,00 €	0,00 €	Lars Wollenberg, , D
66	Berlin	BHW Alex		30,00 €	0,00 €	Gabi Graichen, , , I
54	Berlin-Schöneeweide	ESV Lok		111,00 €	0,00 €	Heidi Graumann, , G
79	Bemried	WSV		0,00 €	0,00 €	Georg Biller, , , , ,
19	Bielefelder TG			80,00 €	0,00 €	Uta Bracklé, , Düren
62	Bierbach	TV 05		67,00 €	0,00 €	Jens Schläpke, , Pfa
49	Braunschweiger MTV			0,00 €	0,00 €	Ralf Döbbitz, , Schwa

This topic deals with the [Clubs grid](#) of the entries form only. For more information on classes and competitors see the [Classes reference](#) or the [Entries reference](#).

If you need more details about editing in the data grid, have a look into the [data grid reference](#).

## Editing clubs

Normally you enter a new club together with the first entry (competitor) of this club. See the [entries reference](#) for more details. The clubs grid is mainly designed for doing modifications and administering start fee payments. Click on the **clubs tab**  to display the clubs grid.

Competitors		Clubs		Classes		
*	No	City	/	Cl.name	Nat	Meldung
	15	Berlin-Schöneeweide		ESV Lok		Klaus Schlittermann, , Güttlander Straße 14, , 129
	16	Bernried		WSV		Georg Biller, , , ,
	17	Bielefelder Ski-Club				Günter Brusdeilins, , Hollensiek 2, , 33619, Bielefe
	18	Bielefelder TG				Katharina Deuber, , Dürerstr. 44, , 33615, Bielefe
	1001	Bierbach		TV 05		Thamar Guggemoos, , , ,
	19	Bottrop		DJK Adler		Dieter Schlaefke, , Geschwister-Scholl-Weg 3, , A

When working on the clubs, please observe the following hints for the columns.

- No** The **club number** identifies the club uniquely. In insert mode, this input field will be filled with the next available number as a default. A club number must be unique. Like other fields, reports (e.g. start or result lists) can be sorted by this number. Thus you can define a club order of your choice by assigning suitable numbers.
- If you are using the archive, it is recommended to copy the club number from the archive, so you need not to take care of the club number in this case. See the [entries reference](#) for more details.
- City, club name** Editing a club is split into those two fields to allow a reasonable alphabetical sort order by the city which is part of the full club name. In the reports, the full club name will be composed of the club name and the city.
- Examples:** In many countries, clubs are written like **TuS Mitterteich**, TV Coburg-Neuses, TOLF Berlin, etc. Those clubs should be entered with **TuS as the club name** and **Mitterteich as the city** and so on. See the (German) demo events. There are also other clubs in which names the **city is naturally at the beginning**, like **Ronneby OK**. Those clubs should be entered **completely into the city** and the name should be left blank. In some countries, it is usual that they don't use full city names at all, but **only the abbreviation**, like **USOC**, HAVOK, AIRE, GRAMP, etc. In this case, the abbreviations must be entered **into the city field**.
- Location, Region** Use those columns to allow even more sort orders for clubs in reports. These fields are new in V11, so they may be filled appropriately by new archive imports.
- Nation** The nation abbreviation should only be entered for foreign clubs.
- Addresses** You can enter up to three addresses per club. You can't edit the addresses directly in the grid. You have to click on the edit button  to display the address dialog. For more details see the [Address dialog reference](#).
- You can define your own description for these columns with the [extra fields](#).
- Num1, Num2, Text1, Text2** There are four additional fields available for numerical or text data. You can define your own description for these columns with the [extra fields](#).
- Paid** This is the field where you can administer the start fees and enter the amount which the club had paid in advance. For more details on the start fees, see the [next paragraph](#).
- Paid-Ind.** This readonly field shows the sum which had been paid by those competitors who got the **individual paid flag**. See also the [entries reference](#).
- Extra fees 1-5** You can enter up to 5 different extra fees or credits which will be added to the start fee amount of the club. Think about extra fees for late entries, lodging, breakfast, parking. Define the names for those fees with the [Start fee settings](#).

## – Start fees

You can administer the prepaid start fee amounts by entering those values into the [Paid](#) column of the clubs. If you want to do this individually for every competitor, then you have to use the [flag Paid](#) which is offered with the [entries](#). If you have direct or late entries and are computing the start fees by clubs, there may be a mixture of both methods. In the readonly column [Paid-Individuals](#), you see the amount which is calculated from individual payments.

The total amount paid by the club is given by the sum of both [Paid-columns](#). So the following procedure is recommended (only if you are calculating by clubs!). For pre entries, do not enter individual flags in entries but only the amount which had been paid by the club in advance. For late and direct entries, use the individual flag but do not change the paid amount of the club here (where those runners normally are not included).

You can also administer some [extra fees](#) with the clubs (see the [above paragraph](#)). One extra fee which is not mentioned explicitly here is the [chip rent fee](#). You can define its value in the [Start fee settings](#). Set the flag [Rented](#) of a competitor to indicate that the club has to pay a rent fee for him.

With the [start fee reports](#), all open and paid amounts will be computed.

## Currency sign

OE2010 uses the currency sign of your Windows settings. To change it, go to [System Panel-Country settings](#). There you can also define the layout of currency amounts, whether the sign should be shown before or behind the value.

## – Reports

There are various reports available in the entries form. The titles should be self-explaining.

There are some [special options](#) in the reports which should be explained here. Only those which are important for clubs reports are listed below. For the entries and start fees reports, see the [Entries](#) or [Classes](#) reference.

<a href="#">Names</a>	The names in the report will be displayed according to this setting.
<a href="#">Include addresses</a>	You can select which addresses (1-3) should be included in the report.
<a href="#">Quick selection: address</a>	In the Addresses of clubs report, you can define which addresses should be selected (1-3).

For general information about reports, see the [reports reference](#).

## – Exports

### CSV export

The club report can be exported to CSV format. The record structure is given in the header line within the output file (format header). This file has the same structure as the input file required by the [event clubs import](#). Thus it is possible to export and re-import the clubs as often as it is required.

Note that there are different formats for the normal club report and the start fees by clubs report.

**Notice: The CSV file format has been changed from V.10.x to V.11.0!!**

For more details, see the [exports reference](#).

## – The club dialog

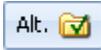
The club dialog will appear if you enter a new club manually together with a new competitor. See also the [entries reference](#).

Enter the fields as described above. Note that in this dialog you can enter the first club address only. If you want to enter more addresses, then you must do this later in the clubs grid.

## See also

[Managing entries - Task based help](#)

## 5.4.5 Alternative classes

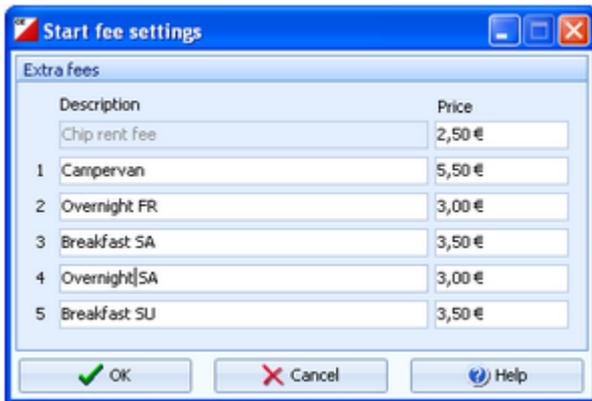
In the archive panel, click on the [Validate alternative classes](#) button . This will fill the [Alternative classes grid](#) with the classes from the archive. Then you can look at the archive classes which are not in the event and assign an event class to them.

Competitors	Clubs	Classes	Alternative classes
Archive	/	Event	
D12		D14	
D14			
D16		D18	
D18			
> D19E		D21E	
D20		D21E	
D21AK			

Of course, you can use this table also if you are using completely different classes in the event! Those archive classes which are also used in the event can be left blank in this table.

## 5.4.6 Start fee settings

This dialog will be invoked by the [Extra fees button](#)  in the [Entries form](#).



Extra fees	
Description	Price
Chip rent fee	2,50 €
1 Campervan	5,50 €
2 Overnight FR	3,00 €
3 Breakfast SA	3,50 €
4 Overnight SA	3,00 €
5 Breakfast SU	3,50 €

Buttons: OK, Cancel, Help

You can define the description and the price for up to 5 extra fees and the price of the chip rent fee.

**Notice:** At [multiday events](#), the *chip rent fee is the price per stage*. The overall rent fee of a competitor is calculated by the rent fee times the number of stages, for which he has the entry flag set.

In the [club grid](#), you can enter the numbers how much items of a specific extra fee a club has ordered. They will be computed with the start fee reports.

### See also

[Entries](#)

[Classes](#)

[Clubs](#)

## 5.4.7 Address dialog

You can't edit the address directly in the clubs or competitors grid. You have to click on the edit button  to display the address dialog.



Address Mitterteich TuS 1892

First name: Stephan

Surname: Krämer

E-Mail: Stkraemer@sportsoftware.de

Street: Brinkmannstr.21

Line2:

Zip: 95666 City: Mitterteich

Phone:

Mobile:

Fax:

Buttons: OK, Cancel, Delete, Help

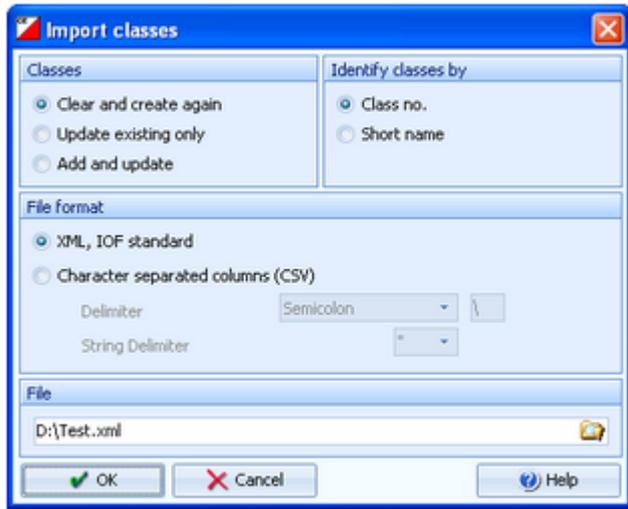
All fields should be self-explaining.

You can define your own description for the optional field [Line2](#) with the [extra fields](#).

Use the button **Delete** to delete the address completely.

## 5.4.8 Import classes

Use this function to import the classes. This import file can be delivered by a web entry service or any other source. Be sure to have created all classes before beginning with [importing the entries](#). This is the same import function like the [Event classes import](#) which can be invoked from the [Extras](#) main menu item.



<b>Classes</b>	Select the right working mode of the import. Since <i>Clear and Create again</i> will lose all special class settings like start list definitions, be careful when using it!
<b>Identify classes by</b>	Define by which field existing classes should be identified. Obviously the <i>class no.</i> should be preferred.
<b>File format</b>	Select XML or CSV.
<b>CSV</b>	The record structure is given in a special header line at the beginning of the file. The first column is always empty, headed by a unique identification of the export file. To get a sample of the right CSV file format, just export a <a href="#">class</a> report. When editing this export file or creating a new one, be sure to preserve the first (empty) column which identifies this file as the right one for this import.
<b>XML</b>	This import requires the IOF XML format, document type <i>ClassList</i> . For more information on the <a href="#">IOF XML formats</a> , have a look at the IOF web site.
<b>Delimiter, String delimiter</b>	Normally you can leave the defaults <i>Semicolon</i> and " here. If the application which created this import file used other delimiters, then set them accordingly.
<b>File name</b>	Select the import file here. See the <a href="#">File selector reference</a> for more details.

**Notice:** If you are using the *Emit punching system*, please check out the *start punch setting* for all new classes! See the [Emit settings reference](#) for more details.

The import will create a comprehensive report about itself which will help you to fix possible errors.

### Notice

**The CSV file format had been changed from V.10.x to V.11.0!!**

If your import file contains errors then this may damage your event data.

The *XML format* may have *created new class types* (class type 1). If this is the case, then you will get a reminder at the bottom of the log report. Since in OE2010 the names of the class types are terms which are subject to the language translation, please check out the [Extra field names](#) whether this is what you expected and exit this dialog by **OK** to get the new translations working.

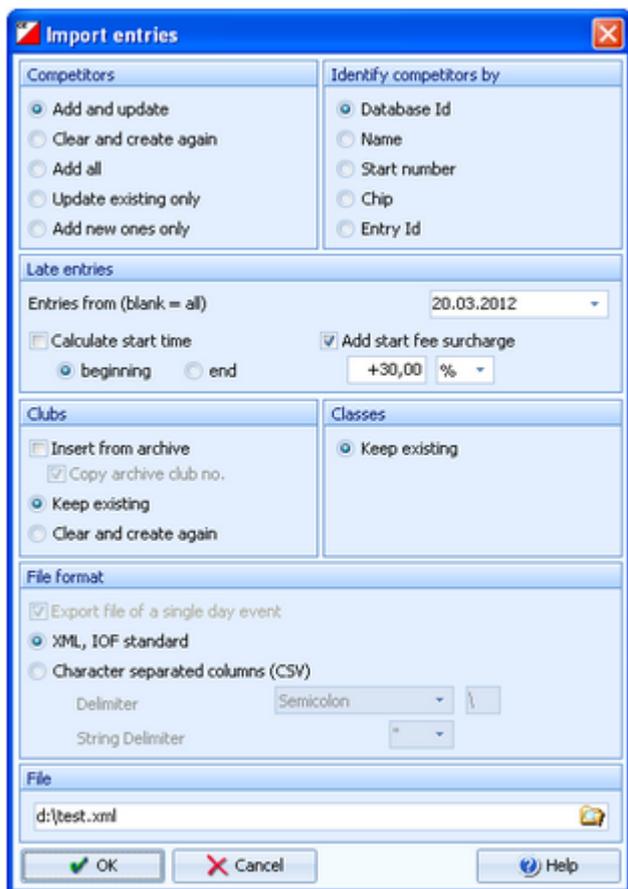
### See also

- [Import entries](#)
- [Copy classes into the event](#)
- [Import classes into the event](#)
- [Export dialog](#)
- [Classes](#)
- [Entries](#)

## 5.4.9 Import entries

Use this function to import entries, if you are registering them using an external software, f.ex. on a web entry page. Compared to the [import of the complete event](#), this function provides some special features required for entries handling. The archive can be used in the same way as with the [manual entry function](#). The import and the manual function can be used concurrently without any restrictions.

If you had exported the event for special evaluations and now want to re-import it, then use the [event import](#) which is specially designed for this purpose.



### Competitors

Select the right working mode of the import. *Add and update* is to be preferred. Using the option *Add new ones only*, you can use an import file which contains all entries but import the new entries only. Use *Add all* if the import file definitely contains new entries only and there is no field provided by which existing competitors can be identified. Although OE2010 has some built-in control features, it is your responsibility to make sure that no entries will be imported twice from the web site. If you don't have this possibility from the web site, then it should assign a unique number or text to the database id, so that both OE2010 and the web site have a common identification field. The very best solution would be if the web site could use the same archive as it is used locally.

### Identify competitors by

Define by which field existing competitors should be identified. It is recommended to identify existing competitors by the [entry id](#) or the [database id](#). One of them must be delivered by the import file. **Notice:** the entry id is available from XML files only!

Checking the competitors against the archive is not useful here. OE2010 must presume that entries from the web are error-free. If you are working with the archive, it should be available at your web entry page also.

If there is no start fee given in the import line, then the start fee of the class will be inserted. See below how clubs and classes are computed.

### Late entries, Entries from

This option is available for imports in **XML format only**. If the import file contains the entry dates of the competitors and if you had checked one of the special late entries

	<p>handlings, then only those competitors will be considered who had entered beginning with this date. Leave the field blank if you want to compute all entries included in the file according to those options.</p>
<a href="#">Late entries, Calculate start times</a>	<p>You have the possibility to calculate a start time for the imported competitor. This feature is useful for late entries outside the vacant places. You can choose whether the start time should be calculated before the first existing or after the last existing start time in this class.</p> <p><b>Notice:</b> The absolute precondition that this will work is that you have defined a valid <a href="#">start organisation</a> for this class! Otherwise the competitor will be imported but get no start time. This will be displayed in the log window.</p>
<a href="#">Late entries, Add start fee surcharge</a>	<p>Normally, OE2010 inserts the start fee of the class for every new competitor. If you have higher start fees for late entries, you can use this feature. From the listbox, select whether the actual start fee should be calculated in percent of the original fee or as an absolute surcharge. In the left field, enter the value. You can also enter negative values to get credits for early entries f.ex.</p>
<a href="#">Clubs</a>	<p>Define how clubs should be handled. <i>Keep existing</i> is to be preferred. With this setting, new clubs will always be inserted. They will be identified by the club number or the club name. Possible name conflicts will be bypassed by issuing suitable names. This will be shown in the report of this import.</p> <p>The pure club number would be enough to identify the club if the club will be copied from the archive or if it is already defined in the event.</p> <p>If you had checked <i>Insert from archive</i>, then new clubs will be searched in the archive and copied into the event including all available addresses. A given club number will be ignored if you had selected <i>Copy archive club no</i>. If you are not using the archive, then the club will be created using the given club number.</p> <p>If you did not include a club number in the import file, then the club will be searched by name and city and be handled in the same way as explained above. In this case, new clubs will be created either with the club number from the archive or with the next free number within the event. When using the archive, then new clubs not found in the archive will get club numbers above 90000.</p> <p>See also the <a href="#">Using the archive</a> section in the <a href="#">entries reference</a>.</p>
<a href="#">Classes</a>	<p>Classes will not be changed by this import. In the import file, you can use the class number or the class short name. If the class is unknown, then the record will not be imported. Please ensure that the class table implemented on your web entry page exactly matches the OE2010 class table!</p>
<a href="#">File format</a>	<p>Select XML or CSV.</p>
<a href="#">CSV</a>	<p>The record structure is given in a special header line at the beginning of the file. The first column is always empty, headed by a unique identification of the export file. To get a sample of the right CSV file format, just export an <a href="#">entries</a> or <a href="#">start list</a> report. With a multiday event, be sure to export a report of all stages. Note that those export files do include more fields than needed for the entries import, f.ex. start times, etc. In the import file, those fields should be left empty but they must be included, just as given in the header line. When editing this export file or creating a new one, be sure to preserve the first (empty) column which identifies this file as the right one for this import.</p>
<a href="#">XML</a>	<p>This import requires the IOF XML format, document type <i>EntryList</i>. For more information on the <a href="#">IOF XML formats</a>, have a look at the IOF web site.</p>
<a href="#">Delimiter, String delimiter</a>	<p>Normally you can leave the defaults <i>Semicolon</i> and <i>"</i> here. If the application which created this import file used other delimiters, then set them accordingly.</p>
<a href="#">Export file of a single day event</a>	<p>This option is available only if you are working on a multi day event. There are two different formats available for multi days and single days. For example, with the multiday format you can import the flags <a href="#">entry per stage</a>.</p>
<a href="#">File name</a>	<p>Select the import file here. See the <a href="#">File selector reference</a> for more details.</p>

The import will create a comprehensive report about itself which will help you to fix possible errors.

## – Importing courses with the entries

The [CSV format](#) of OE2010 supports *importing the course* with the entries, since in some countries like UK or USA you can enter not only your age class but also a course (commonly called [coloured courses](#)).

However, **the multiday CSV format does not include multiple courses**. So at multidays you have to proceed as following.

- *Import* the entries without courses using [the multiday CSV format](#). This will include f.ex. the entry/stage flags but no courses.
- Then perform an *import for every stage* using [the single-day CSV format](#) which includes the course of this stage. Set the import option to *Update only* and take care that you have [set the right stage in the main menu](#) before.

### Notice

**The CSV file format had been changed from V.10.x to V.11.0!!**

If your import file contains errors then this may damage your event data.

Avoid importing a club with number 0! Pre-existing running times will be preserved in *Update* mode. But it is obvious that an import of existing runners during or after the event is not the purpose for which this function is designed for!

### See also

[Import entries \(special formats\)](#)

[Import classes](#)

[Import clubs into the event](#)

[Export dialog](#)

[Entries](#)

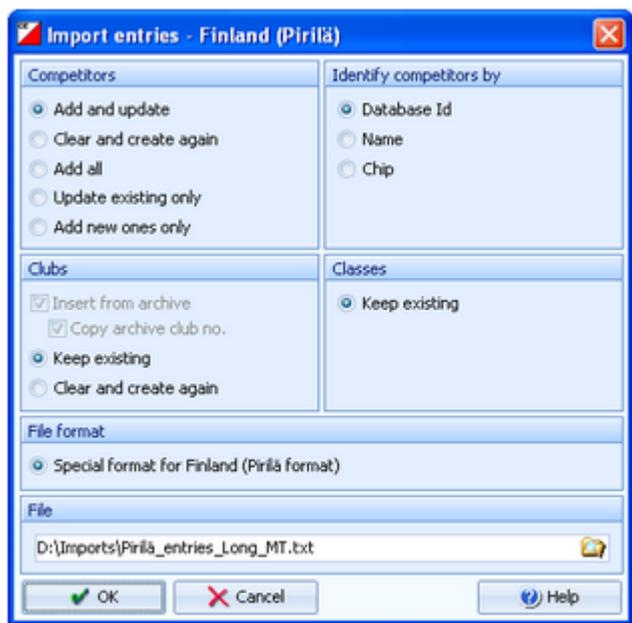
### 5.4.10 Import entries (special formats)

In some countries special formats are used for the import.

Currently there is only a special format for Finland supported.

Basically the special imports work in the same way like the normal [entries import](#). There may be some options fixed. Read more about general conditions for the import in the [import entries reference](#).

## – Finland (Pirilä)



### Competitors

Select the right working mode of the import. *Add and update* is to be preferred. Using the option *Add new ones only*, you can use an import file which contains all entries but import the new entries only. Use *Add all* if the import file definitely contains new entries only and there is no field provided by which existing competitors can be identified. Although OE2010 has some built-in control features, it is your responsibility to make sure that no entries will be imported twice from the web site. If you don't have this possibility from the web site, then it should assign a unique number or text to the database id, so that both OE2010 and the web site have a common identification field. The very best solution would be if the web site could use the same archive as it is used locally.

### Identify competitors by

Define by which field existing competitors should be identified. It is recommended to identify existing competitors by the [database id](#). This is delivered by the import file. Checking the competitors against the archive is not useful here. OE2010 must presume that entries from the web are error-free. If there is no start fee given in the import line, then the start fee of the class will be inserted. See below how clubs and classes are computed.

### Clubs

Define how clubs should be handled. *Keep existing* is to be preferred. With this setting, new clubs will always be inserted. They will be identified by the [short club name](#). **Note:** The import file always delivers the unique [short club name for identification](#). In the event data and the archive data, the short club name is [saved into the Text1 field](#). *Insert from archive* and *Copy archive club number* are fixed options here. The club will either be found in the event or it will be inserted from the archive, copying all details from there. If the club short name can't be found neither in the event nor in the archive, then this club will be inserted, get a club number above 90000, and the city (long name) will be set equal to the short name.

See also the [Using the archive](#) section in the [entries reference](#).

### Classes

Classes will not be changed by this import. In the import file, the class short name is given. If the class is unknown, then the record will not be imported. Please ensure that the class table implemented on your web entry page exactly matches the OE2010 class table!

### File format

Fixed Pirilä format.

### File name

Select the import file here. See the [File selector reference](#) for more details.

Every import will create a comprehensive report about itself which will help you to fix possible errors.

## Notice

If your import file contains errors then this may damage your event data.

Pre-existing running times will be preserved in *Update* mode. But it is obvious that an import of existing runners during or after the event is not the purpose for which this function is designed for!

## See also

[Import entries](#)

[Import classes into the event](#)

[Import clubs into the event](#)

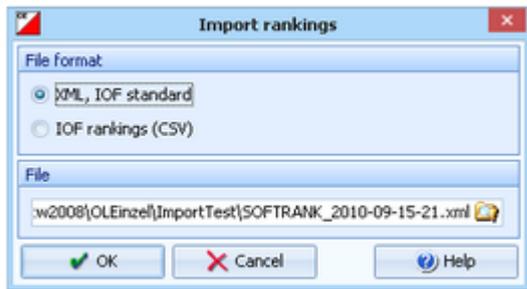
[Export dialog](#)

[Entries](#)

## 5.4.11 Import rankings

In some countries (so far I personally know Sweden and Finland only), the Elite classes are limited to a maximum number of competitors. Everyone who is qualified, can first enter for Elite. After the entries deadline, the organiser can update the ranking points by a special import file and then use the [Distribute Elite entries](#) function to select the best ranked for Elite and move those beyond the limit into an A or E2 class.

As a second option you can import the [IOF ranking CSV file](#) which is offered at the IOF web site. The imported rankings can be used for the start list presorting at WRE.



<b>File format</b>	Select XML or CSV.
<b>XML</b>	This import requires the IOF XML format, document type <i>RankList</i> . For more information on the <a href="#">IOF XML formats</a> , have a look at the IOF web site.
<b>IOF rankings (CSV)</b>	This import requires the IOF ranking file which is offered for download by the IOF.
<b>File name</b>	Select the import file here. See the <a href="#">File selector reference</a> for more details.

The identification of the competitors works differently for both imports.

**With XML**, the competitors have to be [identified by the database id](#), since it is expected that the ranking list had been exported from the same database on which the archive is based on. The ranking file includes both a ranking position and a ranking point value for every competitor.

**With CSV IOF rankings**, the competitors have to be [identified by the IOF Id](#). The IOF Ids have to be delivered with the entries and they may have been imported from an entry system or entered manually. To avoid errors with wrong IOF Ids, the name in the IOF file is checked against the name in the event data. This check accepts different spellings of Umlauts like ä, ö, ü, or á, è etc. These are mostly not correct in the IOF's CSV file. [Check out the import protocol and decide what to do!](#)

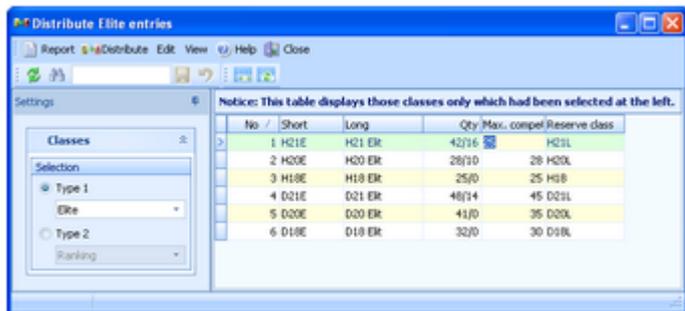
The ranking file includes both a ranking position and a ranking point value for every competitor.

## See also

[Distribute Elite entries](#)

## 5.4.12 Distribute Elite entries

In some countries the Elite classes are limited to a maximum number of competitors. Everyone who is qualified, can first enter for Elite. After the entries deadline, the organiser can update the ranking points by a [special import file](#) and then use this function to select the best ranked for Elite and move those beyond the limit into an A or E2 class.



For each class, you can define the [maximum number](#) of competitors and the [reserve class](#) where the remaining entries will be shifted to. The [quantity](#) column shows the current state of the class, how many are in the class and how many already had been shifted to the reserve class.

**Notice:** it does not matter from where the ranking points are coming. You can also enter them manually with the [entries](#).

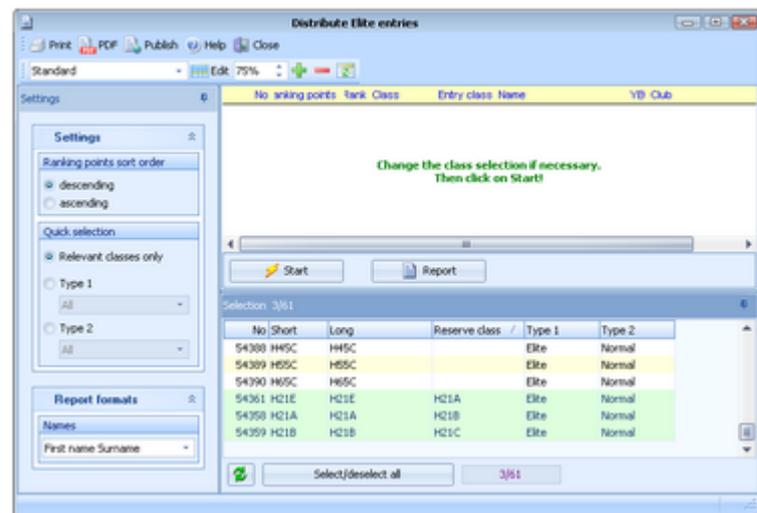
### – Customizing the settings

The [Settings](#) tab provides a preselection of the classes. Select the right [class type](#) to reduce the table to the relevant classes. In the sample, there is a class type 1 called Elite which selects the Elite classes only. For more information about class types see the [Classes reference](#).

However, it is no problem if you display all classes in the table and work on the relevant ones only.

### – Special functions

#### Distribute elite entries



By default, the [relevant classes](#) (those which have a reserve class assigned) are preselected. You may change this selection, f.ex. to distribute a single class only.

Click on the **Start** button to launch the task. The competitors will be displayed in the report together with their class.

Use the **Report** button to simply display the current status of the selected classes, without any changes of the class assignments.

In the report, the competitors of every class are sorted by the ranking points. Define if this should be [descending](#) or [ascending](#) (in some countries 0.00 is the best ranked). [Not matching competitors](#) (f.ex. those who should not be in the elite class) are marked by an asterisk \*.

You can repeat the distribution as often as you need to get the desired result. You can keep both the definition table and the distribution report open, modify a value in the table and repeat the distribution for this class.

#### Chained or hierarchical distribution

It may be necessary to [distribute entries among several classes](#). F.ex. the mens' entries should be sorted into H21E, H21A, H21B and H21C. There, the last H21E entries will be moved to H21A, which will move the worst H21A entries into H21B and so on. It may even be possible that a competitor with a very low ranking had entered for H21E but he

will fall down to H21C.

*This mode requires some special care.* You must make sure that the classes will be distributed in the right order. So try to find a suitable sort order which computes them in a row. Often the order by class numbers or by reserve classes provides the right sort order. If this is not possible, you will have to do the distribution for each class individually from top to down. Every single step will be added to the protocol, so it is wise to print it (on paper or PDF) for reference purposes.

## – Reports

The **Overview report** supplies a complete summary of the definitions.

For general information about reports, see the [reports reference](#).

### See also

[Import rankings](#)

## 5.5 Course setting

The **Courses** main menu topic offers you all course setting functions.



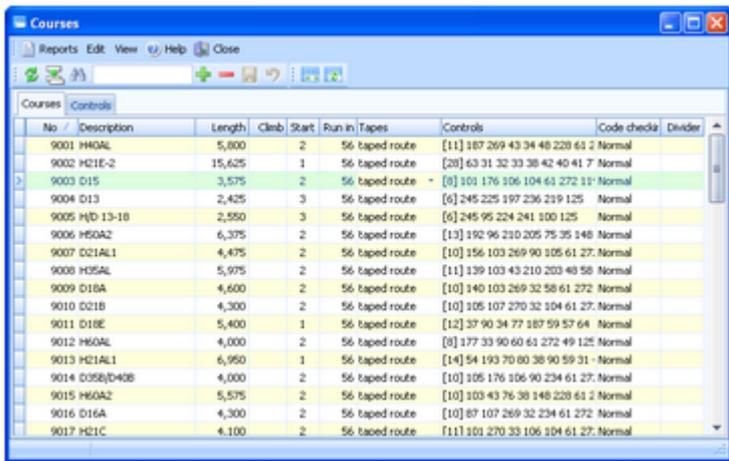
These are the [Courses form](#), [Import courses](#), [Assign Classes - Courses](#) and [Assign Competitors - Courses](#). With **Courses - Courses**, you open the courses form. It has two tables where you can edit the [Courses](#) and the [Controls](#).

### See also

[Course setting - Task based help](#)

#### 5.5.1 Courses

The Courses form has two grids where you can edit courses and controls. Look at the top of the data grid.

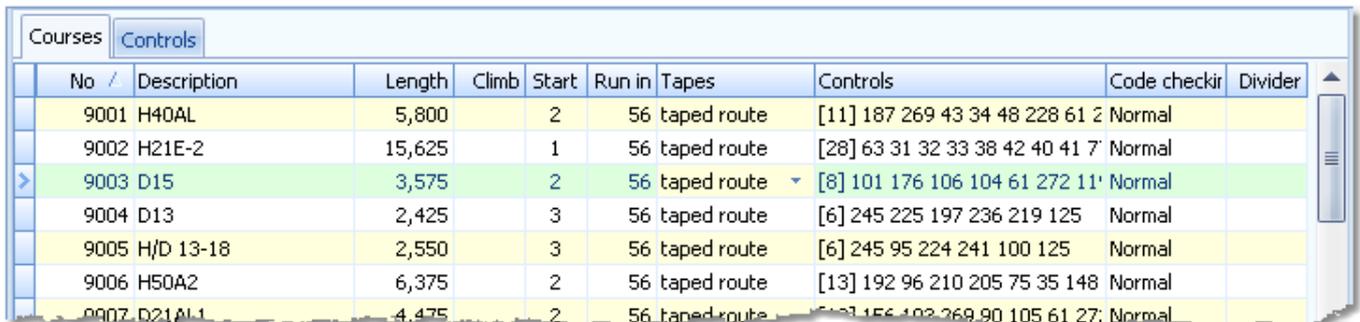


This topic deals with the [Courses grid](#) of the courses form only. For more information on controls see the [Controls reference](#).

If you need more details about editing in the data grid, have a look into the [data grid reference](#).

### – Editing courses

Be sure that you are displaying the courses grid Courses.



When working on the courses, please observe the following hints for the columns.

**No** The [course number](#) identifies the course uniquely. In insert mode, this input field will be

filled with the next available number as a default. However, to have more flexibility for later additions, you may prefer to enter course numbers in steps of 10. If you had imported the courses, then the course numbers had been determined by that function. See the [Import courses reference](#) for more details.

A course number must be unique. In addition to the course description, reports (e.g. start or result lists) can be sorted by this number. Thus you can define a course order of your choice by assigning suitable numbers.

Description

The [description](#) must be unique.

Length, Climb, Run in Start

Enter those values. Climb is optional since often this is not important.

Tapes

Enter a [start control code](#), if you want to print its description. OE2010 reserves codes 1 to 9 for at most 9 different start points.

Controls

Select the type of the finish run in from the listbox.

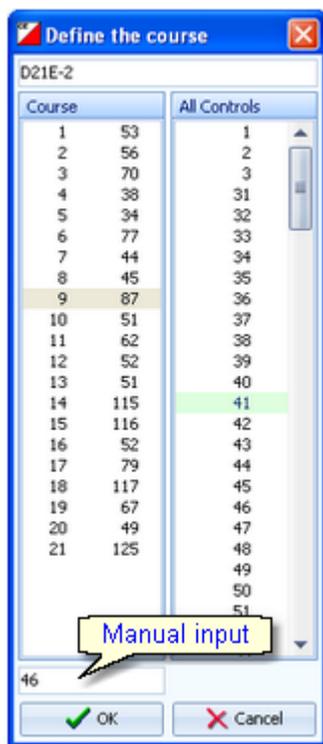
This column shows the current number of the course's controls together with a list of them. To edit the controls, click on the edit button . For more details, see the next paragraph.

Code checking, Divider

These columns define the [type of code checking](#) for this course. By default, a course has the *normal* code checking and the [divider](#) needs not to be entered. OE2010 does also support a *mixed code checking*. See the paragraph below for more details.

## Defining the controls

To edit the controls, click on the edit button  in the controls column. The course dialog will be displayed.



The course with its current controls is shown in the left listbox while all available controls are shown on the right. Be sure to have all controls defined in the [controls grid](#).

To [add a control](#) to the course, drag it from *All Controls* into the *course*. To [change a control's position](#), drag it there. To [remove a control](#) from the course, simply drag it back to *All controls*.

[Mandatory routes](#) are marked with <> and they can be inserted into the course like normal controls.

You may prefer to use the keyboard:

<a href="#">Tab and Shift-Tab</a>	Switch the list
<a href="#">Arrow keys</a>	Move in the list
<a href="#">Enter</a>	Insert control
<a href="#">Del</a>	Delete control

You can also [type](#) in the code numbers [manually](#) using the input field. Press [Enter](#) to insert the code number into the course.

## – Mixed code checking

OE2010 offers the feature to omit the check of the punch order for the whole or parts of a course. This is useful for some kinds of mass starts or Score events without point results.

Set the [code checking](#) type to [Mixed](#). Define a course which is composed of all controls where the order has to be checked. Add all controls at the end which can be punched in any order.

As the [divider](#), enter the code number of the [last control on the fixed course](#). Normally, this is the last control before the finish. The divider means that all controls after that one can be punched in a free order. The divider control can be used more than once within the fixed course. In this case, the last control with this code number will be taken.

### Example 1

1(51)-2(52)-3(53)- now 61,62,63 in free order, then - 4(54)-5(55)- 64,65,66 free - 6(56) - 7(99)

Define the course: 51,52,53,54,55,56,99,61,62,63,64,65,66. Enter 99 as the divider.

See the screenshot at the right.

OE2010 does only check whether the free controls had been punched at all. If you need to check f.ex. whether 61-63 had really been punched between 53 and 54, then you have to do this manually using the split time sheet.

Course	
1	51
2	52
3	53
4	54
5	55
6	56
7	99
	61
	62
	63
	64
	65
	66

### Example 2

All controls can be punched in any order.

Enter all controls in any order and leave the divider field empty. (But do not forget to set to Mixed code checking.)

## – Special functions

### Duplicate course

Use the Duplicate course  button to copy the current course into a new one and edit it afterwards. This function can also be found under the [Edit](#) menu item.

## – Reports

There are various reports available in the courses form. The titles should be self-explaining.

Note that the summary reports and also the report on Courses/classes per control will take the [Individual courses flag](#) into account.

There are two [special reports](#). You can print the [Control description sheet](#) of the selected courses or of all (or selected) controls. Select if you want to have plain [text](#) or [IOF symbols](#).

There are some [special options](#) in the reports which should be explained here.

**Layout: Include classes** This is available for the [Competitors per course](#) report. Classes will be included according to this setting.

**Print mode: Full pages** This is available for the [IOF control sheets](#) only. You can choose if you want to have a full page of each description or if you want to have them printed in a row.

For general information about reports, see the [reports reference](#).

## – Exports

### CSV export

The courses report can be exported to CSV format. The record structure is given in the header line within the output file (format header). This file has the same structure as the input file required by the [course import](#) (SportSoftware CSV format). Use this format if you want to export the courses, do some evaluations (maybe using Excel) and reimport them.

**Notice: The CSV file format has been changed from V.10.x to V.11.0!!**

For more details, see the [exports reference](#).

## – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

All editing applies to the current stage.

### See also

[Course setting - Task based help](#)

[Controls](#)

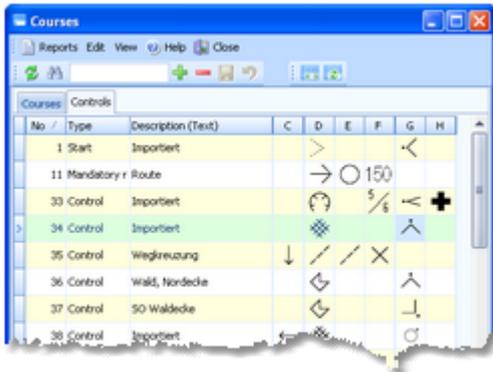
[Import courses](#)

[Assign Classes - Courses](#)

[Assign Competitors - Courses](#)

## 5.5.2 Controls

The Courses form has two grids where you can edit courses and controls. Look at the top of the data grid.

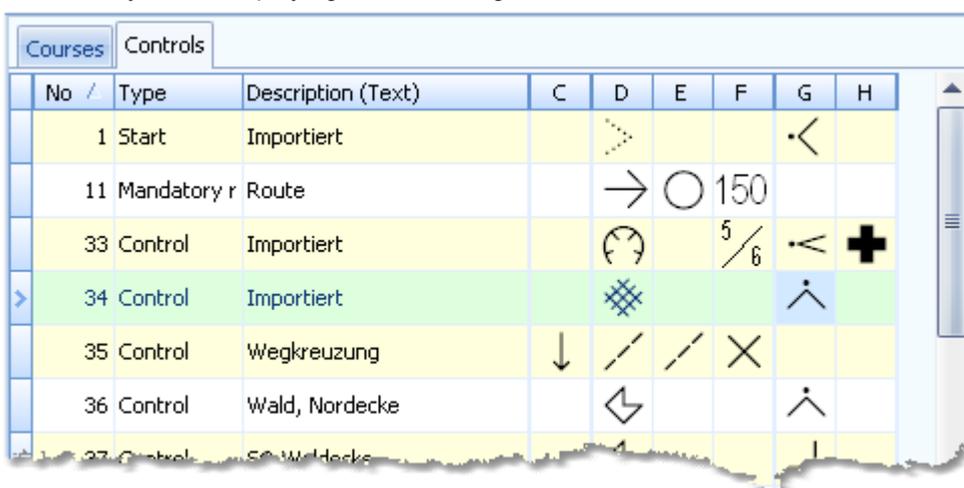


This topic deals with the [Controls grid](#) of the courses form only. For more information on courses see the [Courses reference](#).

If you need more details about editing in the data grid, have a look into the [data grid reference](#).

## – Editing controls

Be sure that you are displaying the controls grid [Controls](#).



When working on the controls, please observe the following hints for the columns.

**No** The [code number](#) must be unique. In insert mode, this input field will be filled with the next available

number as a default.

**Description** You can describe the control by text and by IOF symbols. If you do not use text descriptions, simply keep the default text.

**Type** The **control type** determines how the control will be used within a course.

**Control** The control code number can be **any number beginning with 31**. However, the SportIdent punching system supports code numbers up to 255 only. With Emit, you must not have 250 and 99 as control codes since they have a special meaning there.

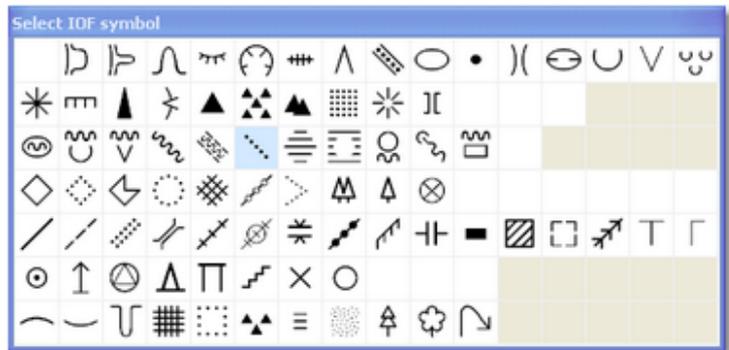
**Mandatory route** Clicking into any of the symbol columns will offer you the four types of mandatory routes for selection. See the next paragraph for more details. Mandatory routes can be **inserted into courses** like normal controls. Control codes **10 to 29** are reserved for mandatory routes.

**Start** The control description for the start can be entered like a simple control. For this purpose, control codes **1 to 9** are reserved. So you can define up to 9 different start points.

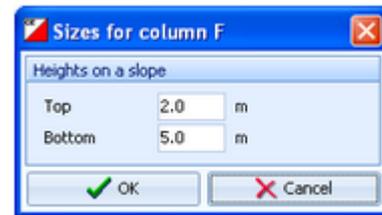
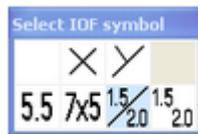
**C to H** These are the columns for the IOF symbols. See the next paragraph for more details.

### - Editing IOF symbols

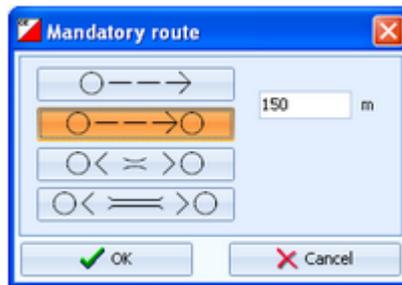
Click on the column you want to edit. Select the desired symbol from the table displayed. It will always contain the appropriate symbols for this column.



Besides the symbols for crossing and junction, column F normally contains the object's dimensions. Select the desired dimension type from the table. Enter the correct values in the dialog and click **OK**.



If the control is a **mandatory route**, then you can click into any of the IOF columns which will display the mandatory route dialog. This offers you the four types of mandatory routes for selection. Depending on the type, you will have to enter the length of the route.



### - Special hints for multadays

If you are working on a multiday event, then you will see the **stage selector**. See the **stage selector reference** for more information.

All editing applies to the current stage.

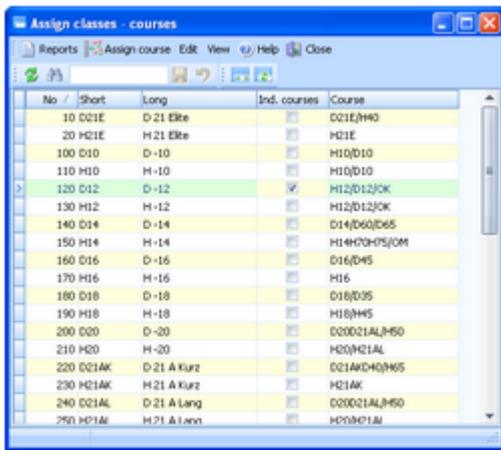
### See also

[Course setting - Task based help](#)

## [Courses](#)

### 5.5.3 Assign Classes - Courses

To enable the automatic code checking, the courses must be assigned to the classes.



If you need more details about editing in the data grid, have a look into the [data grid reference](#).

#### – Editing assignments

No / Short	Long	Ind. courses	Course
10 D21E	D 21 Elite	<input type="checkbox"/>	D21E/H40
20 H21E	H 21 Elite	<input type="checkbox"/>	H21E
100 D10	D -10	<input type="checkbox"/>	H10/D10
110 H10	H -10	<input type="checkbox"/>	H10/D10
120 D12	D -12	<input checked="" type="checkbox"/>	H12/D12/OK
130 H12	H -12	<input type="checkbox"/>	H12/D12/OK
140 D14	D -14	<input type="checkbox"/>	D14/D60/D65

Please observe the following hints.

#### Ind. courses

At a "normal" individual O event, each class has its course which has to be run by all competitors in this class. However, there are also other event types, where every competitor (or some classes) has his own individual course. Well known are loops (one man relay) and butterflies. You can define this for every class separately.

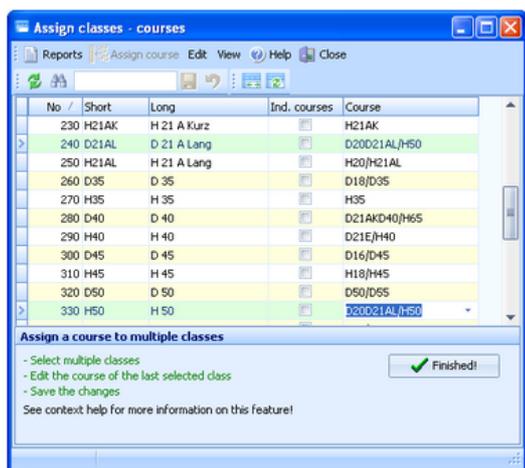
If you check this option, then don't assign a course here but assign the courses to the competitors individually. Only if you want to watch this class in the [speaker window](#), you should assign a course here. See the [Assign Competitors - Courses reference](#) and the [Handling individual courses reference](#) for more information.

#### Course

Just select the right course from the listbox. See also [List box selectors reference](#) for more details.

#### – Assigning a course to multiple classes

Often several classes run the same course. There is a special function to speed up such assignments. Click on the **Assign course** button . The form will change its appearance.



In this mode, you can select multiple classes. Unlike with the report selection, you have to **Ctrl-Click** to select the records.

For the last selected class, enter the right course and save it. This course will be assigned to the other selected classes as well. **Note** that you must edit the course of the class which you had **selected at last**. This is not necessarily the last one of all selected in the list. If you are finished with all those multiple assignments, then click the **Finished!** button to return to normal working mode.

## – Reports

Besides the normal report, you can print the [Control description sheet](#) of the selected classes. Select if you want to have plain [text](#) or [IOF symbols](#).

There is one [special option](#) for the IOF control description sheets.

**Print mode: Full pages**

You can choose if you want to have a full page of each description or if you want to have them printed in a row.

For general information about reports, see the [reports reference](#).

## – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

All editing applies to the current stage.

### See also

[Course setting - Task based help](#)

[Assign Competitors - Courses](#)

[Handling individual courses](#)

## 5.5.4 Assign Competitors - Courses

At a "normal" individual O event, each class has its course which has to be run by all competitors in this class. However, there are also other event types, where the competitors (or specific classes only) run their own individual courses.

Two types are well-known:

- [One man Relay](#) or [Loop orienteering](#). Those events mostly use mass start.
- Normal courses with [butterflies](#).

To enable the automatic code checking, the courses must be assigned to the competitors.

### Notice

To be able to assign courses to competitors individually, you must have set the [Individual courses flag](#) of the class.

If you want to watch such a class in the [speaker window](#), first read the [Handling individual courses reference](#) carefully.

Input	Start r /	Chipno	Surname	First name	Class	Club	Course
1569	1	93320	Mattila	Tuomas	H21E	Vehkalahden Veikot	H21E-1
1551	2	59396	Hämälistö	Sami	H21E	NOR-Halden Skiklubb	H21E-2
1536	3	123425	Fabritius	Mikael	H21E	OK Orient	H21E-1
1545	4	117676	Heikka	Janne	H21E	Delta	H21E-2
1597	5	102901	Väre	Teemu	H21E	Paimion Rasti	H21E-1
1584	6	100335	Reitti	Mikko	H21E	OK Orient	H21E-2
1546	7	408008	Heinonen	Mikko	H21E	MS Parma	H21E-1
1586	8	94406	Saarijärvi	Hannu	H21E	Tampereen Pyrintö	H21E-2
1579	9	76639	Nurmonen	Antti	H21E	Kalevan Rasti	H21E-1
1582	10	408189	Patana	Mikko	H21E	Lapuan Veikot	H21E-2
1539	11	125257	Fröberg	Robin	H21E	Fargas IF	H21E-1
1535	12	118099	Dahlen	Mats	H21E	Paimion Rasti	H21E-2
1581	13	408795	Panjanne	Antti	H21E	Lynx	H21E-1
1595	14	402140	Vähänen	Elmeri	H21E	Tampereen Pyrintö	H21E-2
1555	15	74574	Joensuu	Timo	H21E	Vaajakosken Terä	H21E-1
1550	16	110427	Huttunen	Esa	H21E	OK Orient	H21E-2
1561	17	408910	Lahtinen	Petteri	H21E	Kangasala SK	H21E-1
1590	18	408122	Sorvisto	Juha	H21E	Vaajakosken Terä	H21E-2
1557	19	402831	Kari	Tuomas	H21E	Angeliemmen Arkkurit	H21E-1
1573	20	59399	Mukka	Manu	H21E	Turun Metsäurheilijat	H21E-2
1567	21	408051	Lindeqvist	Markus	H21E	Paimion Rasti	H21E-1
1533	22	80449	Anttonen	Antti	H21E	Vaajakosken Terä	H21E-2
1583	23	49223	Pukema	Hannu-Pekka	H21E	Kalevan Rasti	H21E-1
1575	24	54059	Mylläinen	Jari	H21E	MS Parma	H21E-2

If you need more details about editing in the data grid, have a look into the [data grid reference](#).

## – Editing assignments

* Input	Start r /	Chipno	Surname	First name	Class	Club	Course
1569	1	93320	Mattila	Tuomas	H21E	Vehkalahden Veikot	H21E-1
1551	2	59396	Hämälistö	Sami	H21E	NOR-Halden Skiklubb	H21E-2
1536	3	123425	Fabritius	Mikael	H21E	OK Orient	H21E-1
1545	4	117676	Heikka	Janne	H21E	Delta	H21E-2
1597	5	102901	Väre	Teemu	H21E	Paimion Rasti	H21E-1
1584	6	100335	Reitti	Mikko	H21E	OK Orient	H21E-2
1546	7	408008	Heinonen	Mikko	H21E	MS Parma	H21E-1
1586	8	94406	Saarijärvi	Hannu	H21E	Tampereen Pyrintö	H21E-2
1579	9	76639	Nurmonen	Antti	H21E	Kalevan Rasti	H21E-1
1582	10	408189	Patana	Mikko	H21E	Lapuan Veikot	H21E-2

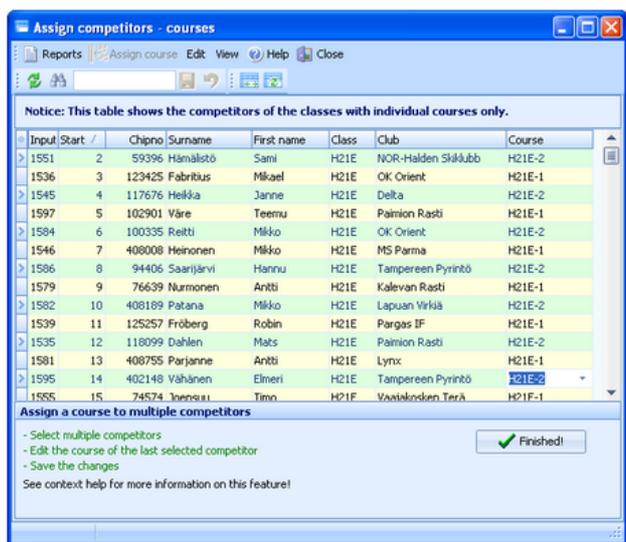
Please observe the following hints.

**Course** Just select the right course from the listbox. See also [List box selectors reference](#) for more details.

**Grid layout** You have the possibility to display and sort by additional columns like [Rank](#), [Ranking points](#) and others, if this would be helpful for the course distribution.

## – Assigning a course to multiple competitors

Of course there will be many competitors running the same course. There is a special function to speed up such assignments. Click on the **Assign course** button . The form will change its appearance.



In this mode, you can select multiple competitors. Unlike with the report selection, you have to *Ctrl-Click* to select the records.

For the last selected competitor, enter the right course and save it. This course will be assigned to the other selected competitors as well. **Note** that you must edit the course of the competitor which you had *selected at last*. This is not necessarily the last one of all selected in the list.

If you are finished with all those multiple assignments, then click the **Finished!** button to return to normal working mode.

## – Reports

Besides the normal report, you can print the [Control description sheet](#) of the selected competitors. Select if you want to have plain [text](#) or [IOF symbols](#).

For general information about reports, see the [reports reference](#).

## – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

All editing applies to the current stage. Only those competitors will be displayed who have set the [Entry/day flag](#).

## See also

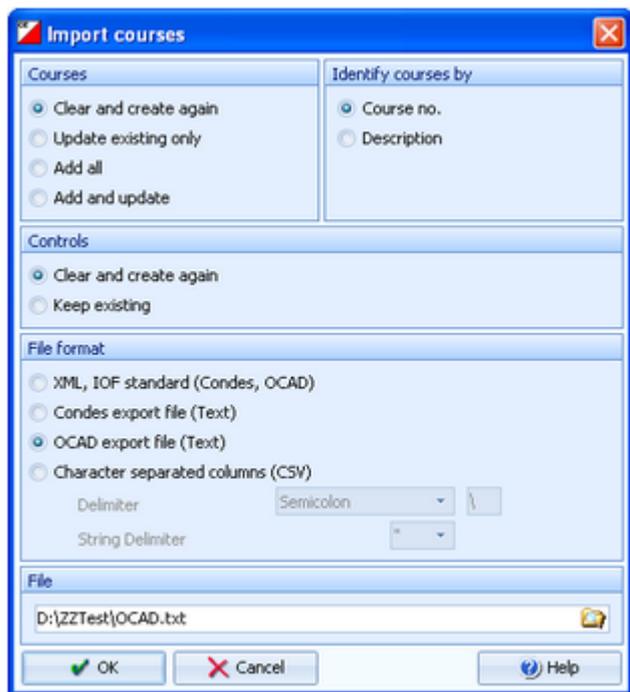
[Course setting - Task based help](#)

[Assign Classes - Courses](#)

[Handling individual courses](#)

## 5.5.5 Import courses

Use this function to import courses from **OCAD** (OCAD AG) or **Condes** (Finn Arildsen). Any other software may create a file either with the CSV export format of OE2010 or the **IOF standard XML format**.



### Courses

Select the right working mode of the import. *Clear and create again* is to be preferred as long as you don't have defined the course assignments. For more details on the latter task, see the [Assign Classes - Courses reference](#) or the [Assign Competitors - Courses reference](#).

After you had done the assignments, you may also need to import late modifications of the courses. Then the option *Update existing only* should be better. As a precondition, you should ensure that the course descriptions and class names used in **OCAD** or **Condes** are matching those which you have defined in OE2010. See the paragraph below for more details.

### Identify courses by

Define by which field existing courses should be identified. With imports from **Condes** or **OCAD**, it is recommended to choose the *Description* here. In all other cases, the *Course number* should be preferred.

### Controls

Define how the controls should be handled. With imports from **Condes** or **OCAD**, this setting does not matter so much since normally you will not define and print the IOF symbols in OE2010 but in Condes/OCAD. But should you prefer using the IOF symbols of OE2010, then always select *Keep existing* to preserve your control descriptions. In this mode, new controls will be added automatically.

### File format

XML, IOF standard  
(Condes, OCAD)

Select the right file format.

This import requires the IOF XML format, document type *CourseData*. This format can be exported by both **Condes** and **OCAD**. For normal class courses, you should prefer this format. For *one man relays*, use the OCAD text format.

**Condes** creates course numbers only temporarily for its export. Thus they may not match the definitions in OE2010. Please check this out carefully after an import from **Condes/OCAD** using the option *Update!* Alternatively, you can allow the courses to be identified by the descriptions. To avoid any problems with different course numbers, you have to *disable the course numbers when exporting* from **Condes** or **OCAD**.

If defined, the *assignments to classes* will be imported also. OE2010 must search for the classes by their *short names* (class numbers are not available in **Condes/OCAD**). So be sure that the class names match in both programs.

**To enable troubleshooting, be sure to print a courses report before and after each import!**

### Condes (Text)

This is the export from older Condes versions. Condes does not export course numbers.

---

OCAD (Text)	<p>Thus, with option <a href="#">Update</a> the courses must be <i>identified by the description</i>. Condes does not export <a href="#">run in lengths</a>. You have to enter them manually, if required.</p> <p>This is the export from older OCAD versions, also available as <a href="#">Courses version 8 (Text)</a> in OCAD versions 9 and later.</p> <p>OCAD does not export course numbers. Thus, with option <a href="#">Update</a> the courses must be <i>identified by the description</i>.</p> <p>Use this export format from OCAD if you are importing <a href="#">individual courses (one man relay)</a>. Thus you can import the assignments to the competitors by the start numbers.</p>
CSV	<p>This format is recommended for imports from other 3rd parties or if you want to export, do some external modifications and reimport the courses.</p> <p>The record structure is given in a special header line at the beginning of the file. The first column is always empty, headed by a unique identification of the export file. To get a sample of the right CSV file format, just export a <a href="#">courses</a> report. When editing this export file or creating a new one, be sure to preserve the first (empty) column which identifies this file as the right one for this import.</p>
Delimiter, String delimiter	<p>Normally you can leave the defaults <a href="#">Semicolon</a> and " here. If the application which created this import file used other delimiters, then set them accordingly.</p>
File name	<p>Select the import file here. See the <a href="#">File selector reference</a> for more details.</p>

The import will create a comprehensive report about itself which will help you to fix possible errors.

### Notice

**The CSV file format had been changed from V.10.x to V.11.0!!**

If your import file contains errors then this may damage your event data.

Except when using XML (see above), you have to [assign courses to classes](#) manually.

New courses with missing course numbers will get course numbers beginning with 9001.

If you are working on a [multiday event](#), then you will see the stage selector. See the [stage selector reference](#) for more information. All imports apply to the current stage.

### See also

[Export dialog](#)

## 5.6 Start list

The **Start list** main menu topic offers you all functions to create the start list and to display start list reports.



With the **Start list organisation**, you define the basic structure for the start list draw. According to how you want to draw, you have to define it either by [classes](#) or by [courses](#). If you are using time blocks, then you will have to define them for the [clubs](#).

The **start list draw** can then be done by [classes](#) or [courses](#), respectively.

With a multiday event, you will have the option to define the **chase start** by [classes](#) or by [courses](#).

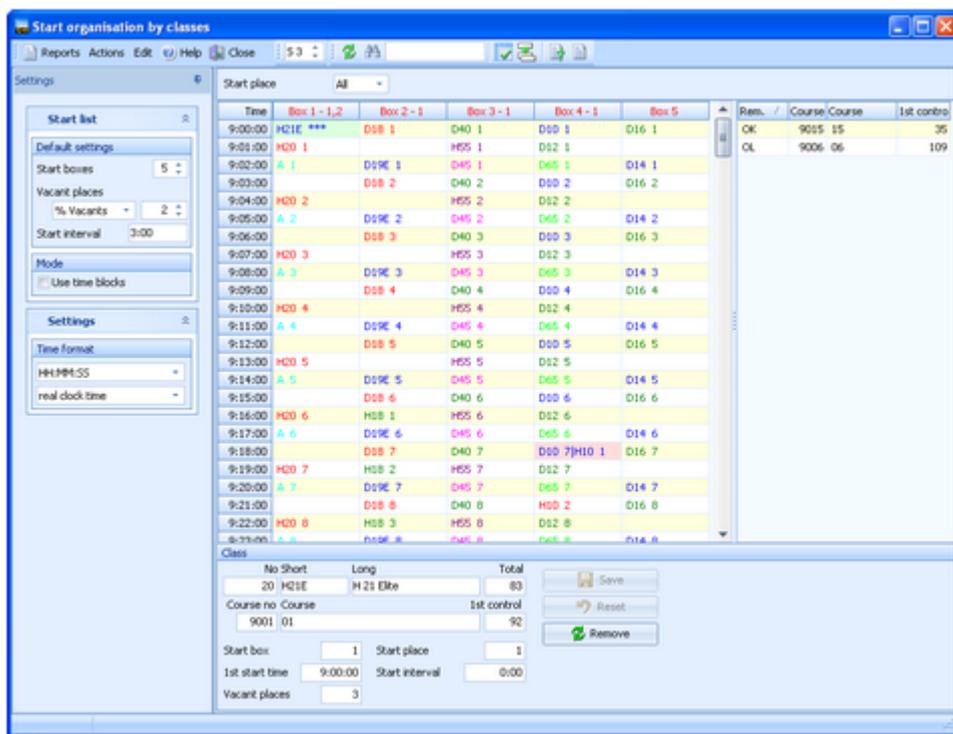
The [start list reports](#) can be displayed from this menu with a single mouse click.

### See also

[Creating start lists - Task based help](#)

## 5.6.1 Start organisation by classes

To be able to draw a start list according to basic competition rules, you have to define the start organisation.



A start list can only be drawn without errors if there is an error-free underlying organisation. For instance, you have to ensure distributing start numbers uniquely. Within a single start box, there must not be any start time with two runners starting. As a basic rule, equal start intervals should be maintained within each class. Building up the start organisation visually on screen, you can fulfil all these preconditions easily.

### – Customizing the settings

The **Settings** tab has two paragraphs.

#### Start list

These settings define the defaults for inserting classes into the start organisation.

##### Start boxes

Increase the number of start boxes to the number of how many competitors should start concurrently. Within a start box, only one competitor should start at the same time. Use this as an organisational tool, for example to ensure that no competitors with the same course start concurrently.

##### Vacant places

Each class will be provided as much vacant places as are given by this value. You can select if this should be calculated as a percentage of the competitors in the class, or if this should be a fixed number.

##### Start interval

The default start interval will be used when inserting a class into the table. Afterwards, you may require to change this to another value. In practice, it is always suitable to have a common start interval for all classes.

##### Use time blocks

At larger events, especially multi days, you may prefer to spread all classes over the whole start time range and distribute start times for each club or even for single competitors into predefined intervals. Further definitions for this kind of start list draw must be made in [startlist organisation by clubs](#).

In the table, a class will then occupy all matching start times within its start box. Only the first 120 min are shown here, since this is the same from 0.00 until the end.

#### Settings

##### Time format

The times will be displayed according to this setting.

## – Building up the start organisation

Basically, you should *display all start places* in the table. For more details on working with start places, see the paragraph below.

On the form you see two tables. The left one is the *start organisation table*. It will be blank initially. The right one is a list of all *remaining classes*. For each class you see the course and the first control. You can sort the list by those columns to get a better overview for dragging them to the right start box.

Drag a class from the right list into the table. Drop it on the desired first start time in the desired start box. The class will be inserted into the start list. In the class panel you will see the actual values for this class. Modify the given values if necessary (mostly the start interval or the number of vacants) and click on **Save**. Repeat with all classes.

Within the start organisation table, it is easy to move a class. Just drag any start time of this class to a new first start time and/or start box. If you want to drag a class into a new start box, then first create one by increasing the value in the settings panel.

You can also rearrange the start boxes by dragging them to the right position. F.ex. you can add an empty new start box at the right and then move it into the mid of the table if you need that. This will be of special help if you are using the start places.

If there are start time conflicts within a start box, the box column header will be shown in **red**. Scroll down until you see the conflicting start time which is **highlighted** in red colour. If you don't see all classes, then enlarge the box column.

Click on any class to display its settings in the **class panel**. You can modify any of the start organisation values. Click on the **Save** button to save the changes. The start organisation table will be updated. The class panel works also with the list of remaining classes. Instead of dragging into the table, you can also insert a class by just adding all required values.

One word to the **Start place**. This is an optional field and it can be used if you have several start points. The start place can be used to select the right classes for the start list reports. See the paragraph below and the [Start list reports reference](#).

If there is a conflict so that two or more classes will get the same start time within a box, then the green browse buttons will be shown. Switch to the desired class and do the necessary corrections.

Click on the **Remove** button to remove a class out of the start organisation back to the remaining classes list.

Classes with mass start (start interval 0) will be shown at their (only) start time and will be marked by three asterisks \*\*\*.

The Search field finds the first start time of the class in the start organisation table.

H20 \*\*\*

## – Working with multiple start places

If you have *multiple different start places*, you have to enter them into the right field. In addition to that, this scenario requires some extra care. F.ex. you have to make sure that every start box includes classes of the same start place only.

The header of each start box displays the start place(s) if there is one: . If you see more than one start place here, then you will have to fix this.

At large events with many start boxes, it will help you to *filter the start organisation table* by the start place. Use the list box at the top panel **Start place** for this purpose. **Notice:** If there are multiple start places in the same start box, then the filtered view will display only the classes of the selected start place! So fix this issue first...

If you drag a new class into the start organisation table, which is filtered by a start place, then this class will get this start place assigned automatically.

The check report includes two paragraphs indicating missing start places (only if you are using them at all...) and multiple start places in the same start box.

## – Special functions

### Adjust start times

You can repair conflicting start times automatically. This may be necessary if you had entered additional competitors after the start list definition.

## – Reports

The **Overview report** supplies a complete summary of the start organisation. Classes are sorted by startbox and 1st start time herein.

The **Check start list organisation report** shows possible errors in your start organisation. Decide on your own how to handle the errors.

For general information about reports, see the [reports reference](#).

## – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

You have to define the start organisation for each stage separately except the last one, if you will have a [chase start](#) there.



### Copy start organisation

You can copy the start organisation from another stage into the current one. Select the source stage in the dialog.

## See also

[Start list draw - Classes](#)

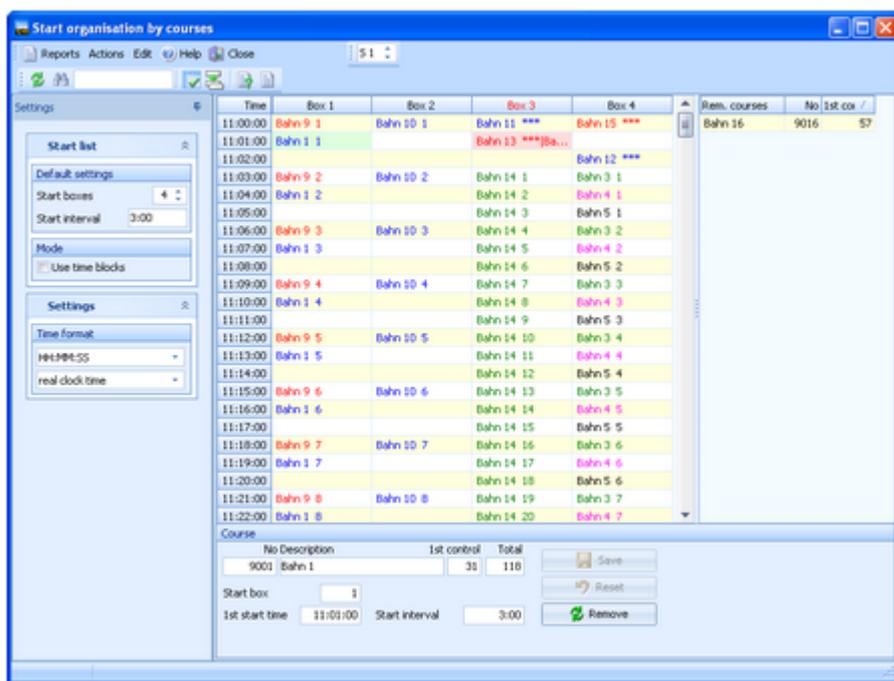
[Start list reports](#)

## 5.6.2 Start organisation by courses

Besides the more usual draw by classes, it is also possible to draw by courses. All competitors with the same course will be drawn in a row. This is often desired for small or low level events.

However, at championships it is mostly not allowed to mix runners of different classes with the same course! Please check the rules which are valid for your event!

The handling in this window is the same as with the [start organisation by classes](#). This function also supports the [individual courses](#).



A start list can only be drawn without errors if there is an error-free underlying organisation. For instance, you have to ensure distributing start numbers uniquely. Within a single start box, there must not be any start time with two runners starting. As a basic rule, equal start intervals should be maintained within each course. Building up the start organisation visually on screen, you can fulfil all these preconditions easily.

## – Customizing the settings

The [Settings](#) tab has two paragraphs.

### Start list

These settings define the defaults for inserting classes into the start organisation.

#### Start boxes

Increase the number of start boxes to the number of how many competitors should start concurrently. Within a start box, only one competitor should start at the same time. Use this as an organisational tool, for example to ensure that no competitors with similar courses start concurrently.

#### Start interval

The default start interval will be used when inserting a course into the table. Afterwards, you may require to change this to another value. In practice, it is always suitable to have a common start interval for all courses.

#### Use time blocks

At larger events, especially multi days, you may prefer to spread all courses over the whole start time range and distribute start times for each club or even for single competitors into predefined intervals. Further definitions for this kind of start list draw must be made in [startlist organisation by clubs](#). In the table, a course will then occupy all matching start times within its start box. Only the first 120 min are shown here, since this is the same from 0.00 until the end.

### Settings

#### Time format

The times will be displayed according to this setting.

## – Building up the start organisation

When opening the form or refreshing the table, you may get various warnings. Two warnings are quite important here: **Some competitors don't have courses assigned.** This means that you have individual courses for some classes and some competitors of those classes don't have courses assigned. For more information about assigning courses to competitors, see the [Assign Competitors - Courses reference](#). **Some classes don't have courses assigned.** This means that some classes are missing the course assignments.

For more information about assigning courses to classes, see the [Assign Classes - Courses reference](#).

Please make sure that every competitor has a course assigned by one of the two possibilities.

### Important! Creating the vacant places

The vacant places can't be created by the course definitions because normally several classes belong to a course. Thus, proceed as following:

First define a (dummy) start organisation by classes. For each class, there is only the number of vacant places important. You can use any start times (dummies!). See the [Start list draw - Classes reference](#) for more information.

When opening this form or at every refresh of the display, OE2010 will check if the actual number of vacants matches your definitions. If there is a difference then you will be asked to correct this and create the desired vacant places. Be careful here if you are viewing this table after the start list draw! Most likely then there will be vacant places already occupied by real competitors, so the check will always report differences.

On the form you see two tables. The left one is the [start organisation table](#). It will be blank initially. The right one is a list of all [remaining courses](#). For each course, the first control is displayed. You can sort the list like you need it to get a better overview for dragging them to the right start box.

Drag a course from the right list into the table. Drop it on the desired first start time in the desired start box. The course will be inserted into the start list. In the course panel you will see the actual values for this course. Modify the given values if necessary (mostly the start interval) and click on **Save**. Repeat with all courses.

Within the start organisation table, it is easy to move a course. Just drag any start time of this course to a new first start time and/or start box. If you want to drag a course into a new start box, then first create one by increasing the value in the settings panel.

You can also rearrange the start boxes by dragging them to the right position. F.ex. you can add an empty new start box at the right and then move it into the mid of the table if you need that.

If there are start time conflicts within a start box, the box column header will be shown in **red**. Scroll down until you see the conflicting start time which is **highlighted** in red colour. If you don't see all courses, then enlarge the box column.

Click on any course to display its settings in the **course panel**. You can modify any of the start organisation values. Click on the **Save** button to save the changes. The start organisation table will be updated. The course panel works also with the list of remaining courses. Instead of dragging into the table, you can also insert a course by just adding all required values.

If there is a conflict so that two or more courses will get the same start time within a box, then the green browse buttons   will be shown. Switch to the desired course and do the necessary corrections.

Click on the **Remove** button to remove a course out of the start organisation back to the remaining courses list.

Courses with mass start (start interval 0) will be shown at their (only) start time and will be marked by three asterisks \*\*\*.

The Search field finds the first start time of the course in the start organisation table.

H20 \*\*\*

 H20

## Special functions

### Adjust start times

You can repair conflicting start times automatically. This may be necessary if you had entered additional competitors after the start list definition.

## Reports

The **Overview report** supplies a complete summary of the start organisation. Courses are sorted by startbox and 1st start time herein.

The **Check start list organisation report** shows possible errors in your start organisation. Decide on your own how

to handle the errors.

For general information about reports, see the [reports reference](#).

## – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

You have to define the start organisation for each stage separately except the last one, if you will have a [chase start](#) there. There are no problems to draw some stages by classes and the other ones by courses.



### Copy start organisation

You can copy the start organisation from another stage into the current one. Select the source stage in the dialog. In difference to the classes, you can define different courses for each stage. Thus, you must take care of having identical course numbers in both stages if you want to copy the start organisation from another stage.

### Creating the vacant places

A specific handling may be required for multadays. If you want to draw another stage by classes, then first define the start organisation by classes for that stage and do the draw. This will create the desired vacant places.

## See also

[Start organisation by classes](#)

[Start list draw - Courses](#)

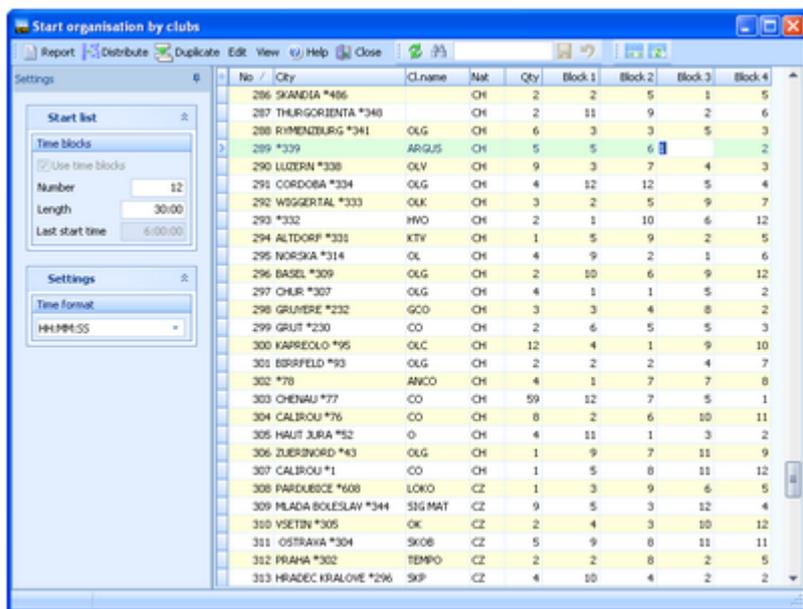
[Start list reports](#)

[Assign Classes - Courses](#)

[Assign Competitors - Courses](#)

## 5.6.3 Start organisation by clubs

If you are [using time blocks](#), you have to make basic definitions here.



You can enter time blocks for each club. You may do this manually or use the [automatic distribution](#) (see below).

## – Customizing the settings

The [Settings](#) tab has two paragraphs.

### Start list

These settings define the time blocks.

Number	Number of time blocks.
Length	Length of each time block.
Last start time	The last start time which is calculated by <i>Number*Length</i> . <b>Notice:</b> this read-only value is shown as relative start time to be stage-independent at multadays.

## Settings

Time format	The times will be displayed according to this setting. The times are shown in relative format.
-------------	--

## – Special functions

### Distribute time blocks

You can distribute the time blocks randomly. With a multiday event, you will be asked for the stage first.

## – Reports

The report supplies an overview of the block distribution.

For general information about reports, see the [reports reference](#).

## – Special hints for multadays

You can define the time blocks for all stages.

### Duplicate time blocks

If you want to have the same distribution at all stages, then you can copy the time blocks of the first stage into all other stages.

## See also

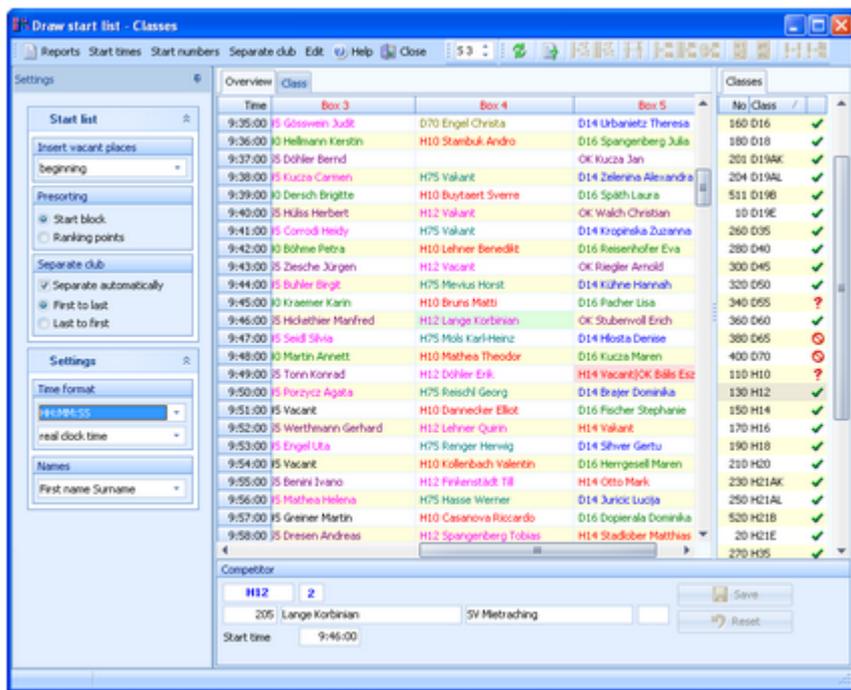
[Start organisation by classes](#)

[Start list draw - Classes](#)

[Start list reports](#)

## 5.6.4 Start list draw - Classes

If you had defined the start organisation by classes, then you can draw the start list now and modify the draw manually.



First, OE2010 checks the start organisation.

If you receive an error message from this check, you may notice some restrictions for working on the start list. For example, this may be the case if you already had occupied some vacant places. If necessary, correct the [start list organisation](#) first.

This form provides an [Overview](#) table which shows all competitors (similar to the [start organisation table](#)) and a [Class](#) table where you can work on each class separately. It is recommended to begin with the overview table. There you can draw the start times and distribute the start numbers for all classes. After that, you can switch to the class table and check out and perhaps modify the draw of each class individually.

See the following paragraphs for more details.

### – Customizing the settings

The [Settings](#) tab has two paragraphs.

#### Start list

##### Insert vacant places

Define where the vacant places should be inserted: at the [beginning](#) or at the [end](#) of the classes, or if they should be [drawn](#) like normal competitors. It is possible to draw all classes with a specific setting first and then redraw singular classes using a different setting.

##### Presorting

For the presorting within a class, you can either use the [start block](#) or the [ranking points](#).

It is possible to draw all classes using start blocks first and then redraw singular classes using the ranking points.

##### Time blocks

If you are [using time blocks](#), then this box is displayed instead of the above two. It just shows the current settings for the time blocks. For more information about time blocks, see the [Start organisation by clubs reference](#).

##### Separate club

[Separate club automatically](#) This option is activated by default. It means that the [Separate club algorithm](#) should be processed after a start list draw automatically. Of course, you still have the possibility to uncheck this option if you don't want to separate competitors of the same club.

Select [First to last](#) or [Last to first](#) to define the [direction](#) in which this algorithm

should work. [Most competition rules demand from the end to the beginning](#) (Last to first) because in this case those who will be inserted inbetween subsequent club starters will have no disadvantage from this action since they will be moved to a later start place.

If there had been unseparated pairs left, then try the opposite direction additionally or look for them in the [Validation report](#) and solve those cases manually.

## Settings

[Time format](#)

The times will be displayed according to this setting.

[Names](#)

The names will be displayed according to this setting.

## – Working in the Overview table

This table provides you an overview over the whole start list.

Time	Box 2	Box 3	Box 4	E
9:42:00	ann Friederike	D40 Böhme Petra	H10 Lehner Benedikt	D16 Reisenhc
9:43:00	er Fabio	H55 Ziesche Jürgen	H12 Vacant	OK Riegler
9:44:00	Lea	D45 Buhler Birgit	H75 Mevius Horst	D14 M...
9:45:00	Filoména	D40 Kraemer Karlin	H10 Bruns Matti	D16
9:46:00	i Nicola	H55 Hickethier Manfred	H12 Lange Korbinian	Of
9:47:00	Ursula	D45 Seidl Silvia	H75 Mols Karl-Heinz	D1
9:48:00	ska Marta	D40 Martin Annett	H10 Mathea Theodor	D1
9:49:00	nn Mateusz	H55 Tonn Konrad	H12 Döhler Erik	H14
9:50:00	Susan	D45 Porzycz Agata	H75 Reischl Georg	D14
9:51:00	dt Anna	H45 Vacant	H10 Dannecker Elliot	D16
9:52:00	Jakob	H55 Werthmann Gerhard	H12 Lehner Quirin	H14
9:53:00	Maika	D45 Engel Uta	H75 Renger Herwig	
9:54:00	etalia	H45 Vacant	H10 Kollenbach Valentin	
9:55:00	ann Christian	H55 Benini Ivano	H12 Finkenstädt Till	
9:56:00	r Mirjam	D45 Mathea Helena	H75 Hasse Werner	D1
9:57:00	r Szilvia	H45 Greiner Martin	H10 Casanova Riccardo	D16
9:58:00	Noel	H55 Dresen Andreas	H12 Spangerberg Tobias	H14 St
9:59:00	Éva	D45 Lösch Ute	H75 Fröhner Klaus	D14 Kle
10:00:00	n Lucija	H45 Rathmann Jens	H10 Silver Ragnar H21AK V...	D16 B
10:01:00	Martin	H55 Lenarduzzi Fulvio	H12 Leimbach Oliver	H14
10:02:00	Maria	D45 Schulze Andrea	D55 Vacant	D1
10:03:00	Mich	H45 Mieth M...	H21AK Vacant	B
10:04:00		H55 Trö...	H12 Zschäke	

As the first steps of the start list draw, you should



Draw the start times for all classes.



Distribute the start numbers for all classes.



Sometimes you may prefer to distribute the start numbers by clubs, especially at multiday events.



If rules demand that, you can separate the competitors of each club.

After each of these tasks, the [Validation report](#) will be displayed automatically.

If there are start time conflicts within a start box, the box column header will be shown in **red**. Scroll down until you see the conflicting start time which is **highlighted** in red colour. If you don't see all competitors of this time, then enlarge the box column.

To [modify a single competitor's start time](#), just drag him into the desired time.

**Notice:** You can drag a competitor within his start box only. Modifying a competitor's start time in this table does not affect any other start times.

Click on a competitor to display his details together with the class status in the [competitor panel](#).

You can edit his start time here which has the same effect like dragging him.

If there is a conflict so that two or more competitors have the same start time within a box, then the green browse buttons will be shown. Switch to the desired competitor if you want to change something here.

**H20 \*\*\***

Classes with mass start (start interval 0) will be shown at their (only) start time and will be marked by three asterisks \*\*\*. No individual competitors of this class will be shown and you can't modify the start time here. This has to be done in the [start organisation](#). To display the competitors and work on the start numbers, switch to the class table.

## – Working in the Class table

Here you can work on each class separately. Select the class from the class list at the right.

H21E	Stno	XStno	Name	Club
9:27:00	139	HE 10	Müller Philipp	Post SV Dresden
9:30:00	80	HE 11	Sárecz Lajos	Team Zala
9:33:00	70	HE 12	Doetsch Franz	OLV Steinberg
9:36:00	124	HE 13	Perkovic Eduard	OK Bjelovar
9:39:00	99	HE 14	Kerschbaumer Gernot	HSV Pinkafeld
9:42:00	157	HE 15	Voigt Jan	TV 1898 Alsbach
9:45:00	144	HE 16	Leibiger Jens	Post SV Dresden
9:48:00	82	HE 17	Aigner Simon	SV Mietraching
9:51:00	125	HE 18	Bijelic Vedran	OK Bjelovar
9:54:00	60	HE 19	Finkenstädt Michael	OLV Uslar
9:57:00	156	HE 20	Berger Ananda	Gundelfinger TS
10:00:00	105	HE 21	Fujak Vladimir	Kysucke Nove Mesto
10:03:00	113	HE 22	Cionoiu Sebastian	TV 1894 Coburg-Neuses
10:06:00	83	HE 23	Tenani Alessio	Team Veneto
10:09:00	104	HE 24	Wenslaw Mateusz	Polish Junior Team
10:12:00				
10:12:30	120	HE 25	Yashchenko Sergey	Omega Moskau
10:15:00	64	HE 26	Riechers Sören	Bielefelder TG
10:18:00	79	HE 27	Zschäckel Raik	SV IHW Alex Berlin
10:21:00	88	HE 28	De Ferrari Rudi	Team Trentino
10:24:00	121	HE 29	Galla Marek	HKS Azymut Mochy
10:27:00	98	HE 30	Krüger Robert	SSV Planeta Radebeul

You can

Draw the start times for this class.

Shift the start times of this class. It may become necessary to change the first start time and/or the start interval after the draw, while the drawn start order should be kept.

First, change the corresponding values in the [start list organisation](#). Then display the class in the class table and shift it.

Distribute the start numbers for this class.

If rules demand that, you can separate the competitors of each club. If there will be unseparated pairs left, check out the [Validation report](#).

Assign X (Xtra) start numbers to this class. See the paragraph about special functions for more details.

Start times which do not match the start organisation will be shown in red. The competitors will be highlighted in red colour, also those without any start time.

To *modify the start order manually*, just drag the competitors like you wish. All other competitors will be adjusted accordingly.

**Notice:** If at least one competitor of the class has a finish time, then no changes are possible to this class anymore, except editing singular start times.

If you are *using time blocks*, then a competitor's start block will be marked with red colour if he could not be set into the desired time block.

Click on a competitor to display his details together with the class status in the *competitor panel*.

You can edit his start time here. In this table, this is not the same like dragging him since the other competitors will not be adjusted.

## – Using the Class selection list

No	Class	Status
260	D35	✓
280	D40	✓
300	D45	✓
320	D50	✓
340	D55	?
360	D60	✓
380	D65	⊘
400	D70	✓
110	H10	?
130	H12	✓
150	H14	✓
170	H16	✓

Use the class selection list at the right to select a class. If you are working in the overview table, this will jump to the first competitor of this class. If you are working in the class table, this will display this class there.

There is a **status indicator** which tells you something about the **draw status** of the class:

✓ **OK** The class is drawn according to the definition and you are able to modify the start order or redraw it.

? **Errors** The class is not drawn yet or some competitors do not have start times according to the start organisation. Display the class to check out what is the matter and correct this if necessary.

⊘ **Locked** No start time draw allowed anymore for this class because one or more competitors do already have finish times.

**Notice:** Nevertheless, you have the possibility to modify start times of competitors without a finish time of this class, but only in the overview table since this does not affect any other competitors. If you want to modify start times of finishers, then you must do this in the Chip evaluation. See the [Evaluate chips reference](#) for more details.

## – Teams

First read the task based description of [Handling teams](#).

Basically *a team will be handled like an individual competitor here*. The team is displayed with all members as the "name". All team members will get their team's start time. Since the start number must be unique, only the team leader will be assigned to the team's start number and the other team members will stay with no start number.

**Notice:** it is very important that all team members had been entered before the start list draw! If you add members of a team after the draw, then you will have to enter the right start time manually.

## – Special functions

### Distribute start numbers

After the start list draw, you can distribute start numbers to the competitors in various ways. This is an optional task which won't be absolutely necessary for small and training events. However, for large or ranking events, it is recommended to distribute the start numbers even if you don't offer start no. bibs to the competitors. This gives you an additional sort order which may be useful sometimes.

**For all classes** This is available in the overview table. You will be prompted for the first start no and whether you want to have the start numbers in ascending or descending order according to the start times.

**For a single class** This is available in the class table. You will be prompted for the first start no

and whether you want to have the start numbers in ascending or descending order according to the start times. It is possible first to distribute start numbers for all classes and afterwards change this for selected classes. F.ex. you may wish to have special start numbers for the Elite classes or have the opposite order there.

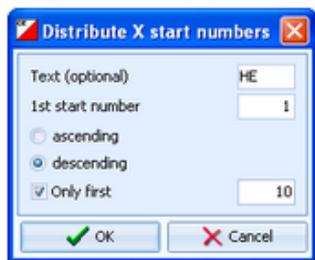


**For all clubs** This is available in the overview table. You will be prompted for the first start no. only. Use this method at multiday events or at small events where it is not necessary to have start numbers according to the start order.

### Distribute Xtra start numbers

Xtra start numbers are a special feature which had been used first at the chase start of multadays. There, it is often wished to have extra start numbers by which the spectators and the speaker can recognize the leading competitors and in which class they are running. Mostly this is used for the Elite classes only.

Xtra start numbers must be distributed for each class separately and you can have different Xtra bibs for all stages at a multiday event. Click on the Distribute button .



This is a sample how the x start numbers may be distributed for the leading 10 Elite runners in a chase start. All of them will show their place and class on the bib.

To clear erroneous Xtra start numbers, use the Clear button .

## – Reports

The **Validate start list draw report** shows possible errors in your start list. Decide on your own how to handle the errors. This report pops up automatically after every task of the overview table which performs on all classes.

For general information about reports, see the [reports reference](#).

## – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

You have to perform the start list draw for each stage separately except the last one, if you will have a [chase start](#) there. If you have a [mixed scenario with a chase start for a part of the classes](#) and the others not, then only draw the start list for the latter here. It is wise to enter at least a dummy chase start information for the chasing classes beforehand. This will exclude those classes from this draw automatically.

Start number distribution by clubs is recommended because each competitor will keep the same number on all stages. If distributing by classes, the start numbers will match the start order of the current stage.

**Notice:** Start numbers will be distributed to all competitors. Some competitors may be missing in the display for the current stage because they have got the [No entry flag](#) for this stage and thus can't be drawn for that day. For more information about this flag, see the [Entries reference](#).

### See also

[Start organisation by classes](#)

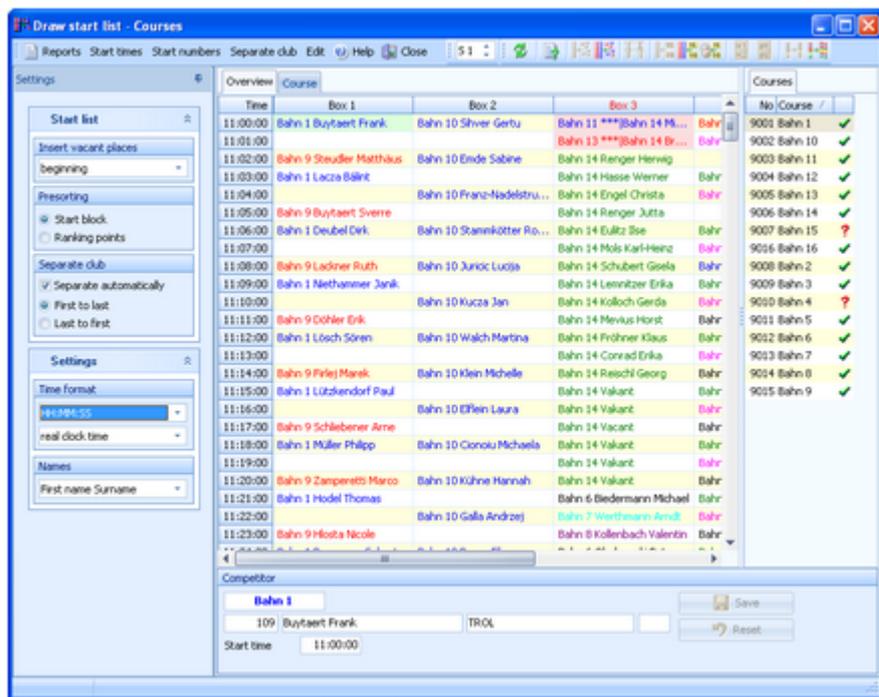
[Start list reports](#)

### 5.6.5 Start list draw - Courses

Besides the more usual draw by classes, it is also possible to draw by courses. All competitors with the same course will be drawn in a row. This is often desired for small or low level events.

However, at championships it is mostly not allowed to mix runners of different classes with the same course! Please check the rules which are valid for your event!

The handling in this window is the same as with the [start list draw by classes](#). This function also supports the [individual courses](#).



First, OE2010 checks the start organisation.

If you receive an error message from this check, you may notice some restrictions for working on the start list. If necessary, correct the [start list organisation](#) first.

When opening the form or refreshing the table, you may get various warnings. Two warnings are quite important here: **Some competitors don't have courses assigned.** This means that you have individual courses for some classes and some competitors of those classes don't have courses assigned. For more information about assigning courses to competitors, see the [Assign Competitors - Courses reference](#).

**Some classes don't have courses assigned.** This means that some classes are missing the course assignments. For more information about assigning courses to classes, see the [Assign Classes - Courses reference](#).

Please make sure that every competitor has a course assigned by one of the two possibilities.

### Important! Handling the vacant places

The vacant places can't be created by the course definitions because normally several classes belong to a course. For more details on how to define the vacant places when drawing the start list by courses, see the [Start organisation by courses reference](#).

When opening this form or at every refresh of the display, OE2010 will check if the actual number of vacants matches your definitions. If there is a difference then you will be asked to correct this and create the desired vacant places. Be careful here if you are working in this form after the start list draw! Most likely then there will be vacant places already occupied by real competitors, so the check will always report differences.

This form provides an [Overview](#) table which shows all competitors (similar to the [start organisation table](#)) and a [Courses](#) table where you can work on each course separately. It is recommended to begin with the overview table. There you can draw the start times and distribute the start numbers for all courses. After that, you can switch to the course table and check out and perhaps modify the draw of each course individually.

See the following paragraphs for more details.

## = Customizing the settings

The [Settings](#) tab has two paragraphs.

### Start list

#### Insert vacant places

Define where the vacant places should be inserted: at the *beginning* or at the *end* of the courses, or if they should be *drawn* like normal competitors.

It is possible to draw all courses with a specific setting first and then redraw singular courses using a different setting.

### Presorting

For the presorting within a course, you can either use the *start block* or the *ranking points*.

It is possible to draw all courses using start blocks first and then redraw singular courses using the ranking points.

### Separate club

*Separate club automatically* This option is activated by default. It means that the *Separate club algorithm* should be processed after a start list draw automatically. Of course, you still have the possibility to uncheck this option if you don't want to separate competitors of the same club.

Select *First to last* or *Last to first* to define the *direction* in which this algorithm should work. *Most competition rules demand from the end to the beginning* (Last to first) because in this case those who will be inserted inbetween subsequent club starters will have no disadvantage from this action since they will be moved to a later start place.

If there had been unseparated pairs left, then try the opposite direction additionally or look for them in the *Validation report* and solve those cases manually.

## Settings

### Time format

The times will be displayed according to this setting.

### Names

The names will be displayed according to this setting.

## – Working in the Overview table

This table provides you an overview over the whole start list.

Time	Box 2	Box 3	Box 4	Box 5
11:00:00	Silver Gertu	Bahn 11 *** Bahn 14 Mi...	Bahn 15 ***	Bahn 16 Lösch Susen
11:01:00		Bahn 13 *** Bahn 14 Br...	Bahn 4 Kucza Berthold	
11:02:00	Emde Sabine	Bahn 14 Renger Herwig		
11:03:00		Bahn 14 Hasse Werner	Bahn 3 Ambrus Sándor	Bahn 16 Dopierak
11:04:00	Franz-Nadelstru...	Bahn 14 Engel Christa	Bahn 4 Laske Dietmar	
11:05:00		Bahn 14 Renger Jutta		
11:06:00	Stammkötter Ro...	Bahn 14 Eulitz Ilse	Bahn 3 Varga József	Bahn 16 Graw An
11:07:00		Bahn 14 Mols Karl-Heinz	Bahn 4 Poltéra Gla	
11:08:00	Juricic Lucija	Bahn 14 Schubert Gisela	Bahn 12 ***	
11:09:00		Bahn 14 Lemnitzer Erika	Bahn 3 Rybakov Andrey	Bahn 16 Böhme Pes
11:10:00	Kucza Jan	Bahn 14 Kolloch Gerda	Bahn 4 Leibiger Jens	
11:11:00		Bahn 14 Mevius Horst	Bahn 5 Kaczmarek Szymon	
11:12:00	Walch Martina	Bahn 14 Fröhner Klaus	Bahn 3 Móro Tibor	Bahn 16 Thal
11:13:00		Bahn 14 Conrad Erika	Bahn 4 Friessnig Joachim	
11:14:00	Klein Michelle	Bahn 14 Reischl Georg	Bahn 5 Knebel Frank	
11:15:00		Bahn 14 Vakant	Bahn 3 Chiocca Davide	Bahn 16 Penzkofes
11:16:00	Elfein Laura	Bahn 14 Vakant	Bahn 4 Blumenstein Helmut	
11:17:00		Bahn 14 Vakant	Bahn 5 Ulver Jörg	
11:18:00	Gionoiu Michaela	Bahn 14 Vakant	Bahn 3 Schwind Klaus	Bahn 16 Arhar Eva
11:19:00		Bahn 14 Vakant	Bahn 4 Pacher Hannes	
11:20:00	Kühne Hannah	Bahn 14 Vakant	Bahn 5 Conrad Helmut	
11:21:00		Bahn 6 Biedermann Michael	Bahn 3 Schwarz Martin	Bahn 16 Rathn
11:22:00	Gräla	Bahn 7 West*	Bahn 4 Corradi Paul	

As the first steps of the start list draw, you should



Draw the start times for all courses.



Distribute the start numbers for all courses.



Sometimes you may prefer to distribute the start numbers by clubs, especially at multiday events.



If rules demand that, you can separate the competitors of each club.

After each of these tasks, the *Validation report* will be displayed automatically.

If there are start time conflicts within a start box, the box column header will be shown in red. Scroll down until you see the conflicting start time which is highlighted in red colour. If you don't see all competitors of this time, then enlarge the box column.

To *modify a single competitor's start time*, just drag him into the desired time.

**Notice:** You can drag a competitor within his start box only. Modifying a competitor's start time in this table does not affect any other start times.

Click on a competitor to display his details together with the course status in the *competitor panel*.

You can edit his start time here which has the same effect like dragging him.

If there is a conflict so that two or more competitors have the same start time within a box, then the green browse buttons will be shown. Switch to the desired competitor if you want to change something here.

H20 \*\*\*

Courses with mass start (start interval 0) will be shown at their (only) start time and will be marked by three asterisks \*\*\*. No individual competitors of this course will be shown and you can't modify the start time here. This has to be done in the [start organisation](#).

To display the competitors and work on the start numbers, switch to the course table.

## Working in the Course table

Here you can work on each course separately. Select the course from the course list at the right.

Bahn 1	Stno	XStno	Name	Club	Class	Block
11:48:00	110	H 17	Gottardi Stefano	Team Lombardia	H21E	
11:51:00	51	H 18	Zschäckel Raik	SV JHW Alex Berlin	H21E	
11:54:00	85	H 19	Kovács Robert	Team Baranya-Pécs 2011	H21E	
11:57:00	101	H 20	Galla Franciszek	HKS Azymut Mochy	H20	
12:00:00	62	H 21	Thierolf Michael	TV 1898 Alsbach	H21E	
12:03:00	9	H 22	Schaguler Klaus	Team Steiermark	H21E	
12:06:00	35	H 23	Kunzendorf Andreas	Gundelfinger TS	H21E	
12:09:00	64	H 24	Bijelic Vedran	OK Bjelovar	H21E	
12:12:00	92	H 25	Egger Jürgen	Team Steiermark	H21E	
12:15:00	18	H 26	Berger Immanuel	Gundelfinger TS	H20	
12:18:00						
12:19:00	55	H 27	Franssen Winston	TROL	H21E	
12:21:00	48	H 28	Rivetta Andrea	FISO F.V.G.	H21E	
12:24:00	8	H 29	Harms Christian	DJK Adler Bottrop	H21E	
12:27:00	1	H 30	Fujak Vladimir	Kysucke Nove Mesto	H21E	
12:30:00	86	H 31	Franssen Desmond	TROL	H21E	
12:33:00	37	H 32	Cruse Franz	SV Robotron Dresden	H20	
12:36:00	19	H 33	Kundisch Wieland	USV TU Dresden	H21E	

You can



Draw the start times for this course.



Shift the start times of this course. It may become necessary to change the first start time and/or the start interval after the draw, while the drawn start order should be kept.

First, change the corresponding values in the [start list organisation](#). Then display the course in the class table and shift it.



Distribute the start numbers for this course.



If rules demand that, you can separate the competitors of each club. If there will be unseparated pairs left, check out the [Validation report](#).



Assign X (Xtra) start numbers to this course. See the paragraph about special functions for more details.

Start times which do not match the start organisation will be shown in **red**. The competitors will be **highlighted** in red colour, also those without any start time.

To *modify the start order manually*, just drag the competitors like you wish. All other competitors will be adjusted accordingly.

**Notice:** If at least one competitor of the course has a finish time, then no changes are possible to this course anymore, except editing singular start times.

If you are *using time blocks*, then a competitor's start block will be marked with red colour if he could not be set into the desired time block.

Click on a competitor to display his details together with the course status in the *competitor panel*.

You can edit his start time here. In this table, this is not the same like dragging him since the other competitors will not be adjusted.

## – Using the Course selection list

No	Course /	
9003	Bahn 11	✓
9004	Bahn 12	✓
9005	Bahn 13	✓
9006	Bahn 14	✓
9007	Bahn 15	?
9016	Bahn 16	⊘
9008	Bahn 2	✓
9009	Bahn 3	✓
9010	Bahn 4	?
9011	Bahn 5	?
9012	Bahn 6	✓
9013	Bahn 7	✓
9014	Bahn 8	✓

Use the course selection list at the right to select a course. If you are working in the overview table, this will jump to the first competitor of this course. If you are working in the course table, this will display this course there.

There is a **status indicator** which tells you something about the **draw status** of the course:

✓ **OK** The course is drawn according to the definition and you are able to modify the start order or redraw it.

? **Errors** The course is not drawn yet or some competitors do not have start times according to the start organisation. Display the course to check out what is the matter and correct this if necessary.

⊘ **Locked** No start time draw allowed anymore for this course because one or more competitors do already have finish times.

**Notice:** Nevertheless, you have the possibility to modify start times of competitors without a finish time of this course, but only in the overview table since this does not affect any other competitors. If you want to modify start times of finishers, then you must do this in the Chip evaluation. See the [Evaluate chips reference](#) for more details.

## – Teams

First read the task based description of [Handling teams](#).

Basically *a team will be handled like an individual competitor here*. The team is displayed with all members as the "name". All team members will get their team's start time. Since the start number must be unique, only the team leader will be assigned to the team's start number and the other team members will stay with no start number.

**Notice:** it is very important that all team members had been entered before the start list draw! If you add members of a team after the draw, then you will have to enter the right start time manually.

## – Special functions

### Distribute start numbers

After the start list draw, you can distribute start numbers to the competitors in various ways. This is an optional task which won't be absolutely necessary for small and training events. However, for large or ranking events, it is recommended to distribute the start numbers even if you don't offer start no. bibs to the competitors. This gives you an additional sort order which may be useful sometimes.

 **For all courses** This is available in the overview table. You will be prompted for the first start no and whether you want to have the start numbers in ascending or descending order according to the start times.

 **For a single course** This is available in the course table. You will be prompted for the first start no and whether you want to have the start numbers in ascending or descending order according to the start times. It is possible first to distribute start numbers for all courses and afterwards change this for selected courses. F.ex. you may wish to have special start numbers for the Elite courses or have the opposite order there.

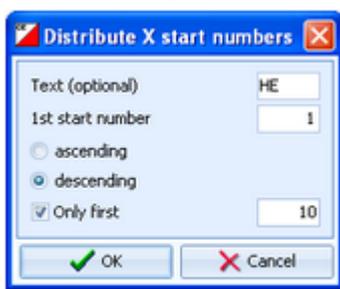
 **For all clubs** This is available in the overview table. You will be prompted for the first start no. only. Use this method at multiday events or at small events where it is not necessary to have start numbers according to the start order.

### Distribute Xtra start numbers

Xtra start numbers are a special feature which had been used first at the chase start of multadays. There, it is often wished to have extra start numbers by which the spectators and the speaker can recognize the leading competitors and in which class they are running. Mostly this is used for the Elite classes only.

Xtra start numbers must be distributed for each course separately and you can have different Xtra

bibs for all stages at a multiday event. Click on the Distribute button .



This is a sample how the x start numbers may be distributed for the runners in a chase start. All of them will show their place and course

To clear erroneous Xtra start numbers, use the Clear button .

## – Reports

The **Validate start list draw report** shows possible errors in your start list. Decide on your own how to handle the errors. This report pops up automatically after every task of the overview table which performs on all courses.

For general information about reports, see the [reports reference](#).

## – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

You have to perform the start list draw for each stage separately except the last one, if you will have a [chase start](#) there. If you have a [mixed scenario with a chase start for a part of the courses](#) and the others not, then only draw the start list for the latter here. It is wise to enter at least a dummy chase start information for the chasing courses beforehand. This will exclude those courses from this draw automatically.

Start number distribution by clubs is recommended because each competitor will keep the same number on all stages. If distributing by courses, the start numbers will match the start order of the current stage.

**Notice:** Start numbers will be distributed to all competitors. Some competitors may be missing in the display for the current stage because they have got the [No entry flag](#) for this stage and thus can't be drawn for that day. For more information about this flag, see the [Entries reference](#).

### See also

[Start organisation by courses](#)

[Start organisation by classes](#)

[Start list reports](#)

## 5.6.6 Start list reports

There are various start list reports. You find them in the main menu under *Start list*



or with the [start list toolbar button](#) . The titles should be self-explaining.

There are some [special options](#) in the reports which should be explained here.

### Time format

The times in the report will be displayed according to this setting.

### Names

The names in the report will be displayed according to this setting.

### Competitors sorted by

This is available for club and class reports. Within a class/club the competitors will be sorted by the selected field.

### Quick selection: type 1, type 2 or start place

This is available for class reports. You can use this to select all classes with the desired class types or start places by checking them. For more information about class types see the [Classes reference](#). For more information about start places see the [Start organisation by classes reference](#).

### Selecting start times in the start list by start times

**Negative start times:** If you have start times before the zero time, select them in this way. First *set the time format to relative to zero time*. Then enter a negative time into the *from field* (-...). Then set the time format *back to absolute time*. Entering the time in absolute time does not work because then this time will be assumed to be after the zero time.

For general information about reports, see the [reports reference](#).

## Teams

There is only a single line for each team. This is also the case in CSV export files!

For more details, see the [Handling teams - Task based help](#) and the [Entries reference](#).

## Label layouts

All reports are using the same pool of label layouts. That means f.ex., if you modify a layout in the classes report, this will also be used in all other start list reports.

## CSV export

All reports can be exported to CSV format. The record structure is given in the header line within the output file (format header). This file has the same structure as the input file required by the [event import](#). Thus it is possible to export and re-import the event as often as it is required. Note that there are different formats for exporting single day reports (also from multiday events) and multiday reports with all stages.

**Notice: The CSV file format has been changed from V.10.x to V.11.0!!**

## XML export

You can export the start list report into the [IOF standard, document type StartList](#). You can select between XML V2 and V3. If possible, then the newer format is to be preferred. This export is possible with the report sorted [by classes](#) only, because this IOF document type requires that sort order. However, OE2010 also allows the reports [by courses](#) to be exported into that format. The courses will appear as "classes" in that XML document. Note that there is the

same format for both multadays and single days.

For more details, see the [exports reference](#).

## Sending emails

Display a start list report by clubs. In the report's menu, you will then find the **Send EMail** button . Click on it to send each club its own start list. This requires an email address to be entered with the club address. For more details, see the [Send EMails reference](#).

## Notice

If you are working on a **multiday event**, you will see the option  All stages  This stage only on top of the report menu items. **All stages** shows the reports including relevant columns for all stages (f.ex. start times), while **This stage only** will show the same report for this stage like for a normal single day event.

## See also

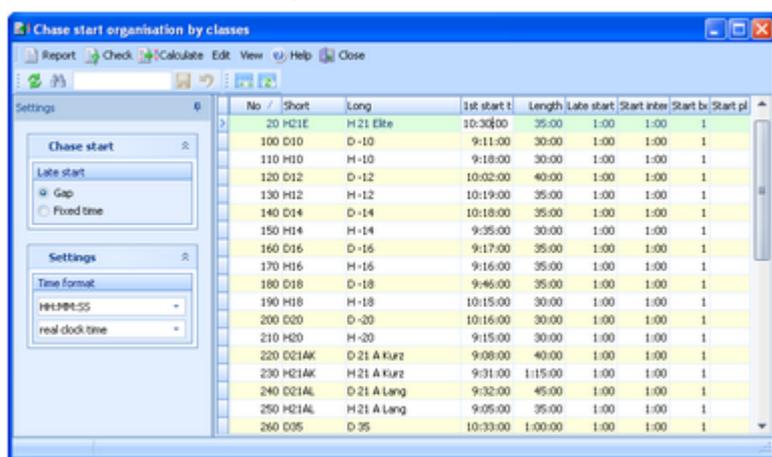
[Reports](#)

### 5.6.7 Chase start by classes

This function is available for **multadays only**.

If you want to carry out a chase start at the last stage, you have to define some additional parameters. At the latest, do this after closing the last but one stage. In most cases you will plan this before the race. But it is wise to adjust the parameters according to the actual standings, especially the chase start length of each class.

If you have a **mixed scenario with a chase start for a part of the classes** and the others not, then it is wise to enter at least a dummy chase start information for the chasing classes here. This will exclude those classes from the [normal start list draw](#) automatically.



No.	Short	Long	1st start t.	Length	Late start	Start interval	Start by	Start pl.
20	H21E	H 21 Elite	10:30:00	35:00	1:00	1:00	1	
100	D10	D -10	9:11:00	30:00	1:00	1:00	1	
110	H10	H -10	9:18:00	30:00	1:00	1:00	1	
120	D12	D -12	10:02:00	40:00	1:00	1:00	1	
130	H12	H -12	10:19:00	35:00	1:00	1:00	1	
140	D14	D -14	10:18:00	35:00	1:00	1:00	1	
150	H14	H -14	9:35:00	30:00	1:00	1:00	1	
160	D16	D -16	9:17:00	35:00	1:00	1:00	1	
170	H16	H -16	9:16:00	35:00	1:00	1:00	1	
180	D18	D -18	9:46:00	35:00	1:00	1:00	1	
190	H18	H -18	10:15:00	30:00	1:00	1:00	1	
200	D20	D -20	10:16:00	30:00	1:00	1:00	1	
210	H20	H -20	9:15:00	30:00	1:00	1:00	1	
220	D21AK	D 21 A Kurz	9:08:00	40:00	1:00	1:00	1	
230	H21AK	H 21 A Kurz	9:31:00	1:15:00	1:00	1:00	1	
240	D21AL	D 21 A Lang	9:32:00	45:00	1:00	1:00	1	
250	H21AL	H 21 A Lang	9:05:00	35:00	1:00	1:00	1	
260	D35	D 35	10:33:00	1:00:00	1:00	1:00	1	

It is not necessary to have chase start definitions for all classes. Think about direct classes f.ex.

## — Customizing the settings

The **Settings** tab has two paragraphs.

### Chase start

#### Late start

Competitors outside the chase start will be started using the defined interval, beginning with the **Late start time**. The option **Late start** defines how the late start time should be computed.

**Gap** The first non-chasing competitor will start immediately after the last chase starter at the next full minute, plus the gap. (Default)

**Fixed time** The non-chasing competitors begin exactly with the given time. This option gives you the opportunity to start the late starters of all classes at the same time. It is even possible to start the late starters before the normal

chase start, or to have a mass start (start interval 0) for them.

## Settings

### Time format

The times will be displayed according to this setting.

### – Editing the chase start parameters

No /	Short	Long	1st start t	Length	Late start	Start inter	Start bc	Start pl
> 20	H21E	H 21 Elite	10:30:00	35:00	1:00	1:00	1	
100	D10	D -10	9:11:00	30:00	1:00	1:00	1	
110	H10	H -10	9:18:00	30:00	1:00	1:00	1	
120	D12	D -12	10:02:00	40:00	1:00	1:00	1	
130	H12	H -12	10:19:00	35:00	1:00	1:00	1	
140	D14	D -14	10:18:00	35:00	1:00	1:00	1	
150	H14	H -14	9:35:00	30:00	1:00	1:00	1	
160	D16	D -16	9:17:00	35:00	1:00	1:00	1	
170	H16	H -16	9:16:00	35:00	1:00	1:00	1	
180	D18	D -18	9:46:00	35:00	1:00	1:00	1	
190	H18	H -18	10:15:00	30:00	1:00	1:00	1	
200	D20	D -20	10:16:00	30:00	1:00	1:00	1	
210	H20	H -20	9:15:00	30:00	1:00	1:00	1	
220	D21AK	D 21 A Kurz	9:08:00	40:00	1:00	1:00	1	
230	H21AK	H 21 A Kurz	9:31:00	1:15:00	1:00	1:00	1	
240	D21AL	D 21 A Lang	9:32:00	45:00	1:00	1:00	1	

Please observe the following hints for the columns.

#### 1st start time

This is the start time of the leader.

#### Length

This is the maximum time difference which is allowed to be in the chase start. All others (also vacants and those who are not classified due to mp etc.) will be started using the defined interval, beginning with the Late start time.

#### Late start

This is the start time of the first competitor outside the chase start. For more information, see the description of the option [Gap/Fixed time](#) in the paragraph above.

#### Start interval

This is the start interval for the non-chasing competitors.

#### Start box

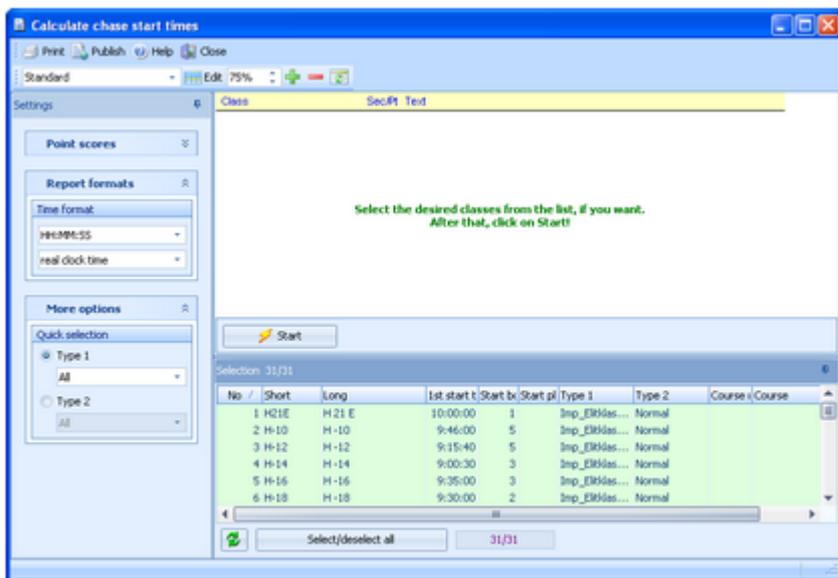
Use the start box to define the [start channel](#). At large events you may have several channels which can be processed by different persons. Together with the start place, you can use it to print specific start lists.

#### Start place

This is an optional field and it can be used if you have several start points. The start place can be used to select the right classes for the start list reports. See also the [Start list reports reference](#).

## Special functions

### Calculate chase start times



Select the classes for which you want to calculate the start times. Click on the **Start** button to launch the task.

If you are using [point scores](#) for calculating the chase start, then expand the option panel

**Point scores** ▾

**Point scores** ▲

Compute point scores

Scoring method

Per cent ▾

4 of 5

Maximum points (Per cent, Danish) 100

Precision

2 Decimal places

Rounded

Truncated

Best time

Fixed 50:00

Calculated (mean)

To calculate the points instead of times and use them as the basis for calculating the chase start times, check the option [Compute point scores](#) and define the right settings.

Select the [scoring method](#) how to calculate each competitor's points. For more details about the scoring methods see the [Result Reports reference](#). Define [how many results](#) until the last but one stage should be taken to calculate the overall point score. Usually, it is allowed to eliminate one result, e.g. take the 4 best out of 5 results. Define the [Precision](#) by the number of [Decimal places](#) and how they should be calculated ([Rounded](#) or [Truncated](#)).

Decide whether the [Best time](#) should be [Calculated by the mean \(average\)](#) of the previous winning times or it should be a [fixed value](#). Note that the latter will be the same for all classes which you have selected for this step. This option is available for all scoring methods except Standard.

If you have few but not all classes with a chase start, then select only those few for calculating the chase start. It is even possible to have some classes calculated by points and others by times. Just check/uncheck the option [Compute point scores](#) and perform the chase start calculation for the respective classes only.

To calculate the start times, it is necessary to [convert the points back to times](#). This depends on the scoring method. The report about this action shows the value of a point in seconds for each class.

### Standard

The time behind the leader in seconds is given by

$$(\text{Leader's points} - \text{competitor's points}) * (\text{average standard deviation})/200.$$

The average standard deviation is calculated from the standard deviations of all previous stages.

### 1000 points

The time behind the leader in seconds is given by

$$\text{Winning time} * (\text{leader's points} - \text{competitor's points})/1000.$$

Define if the winning time should be the average of the previous winning times or a fixed value. Note that the latter will be the same for all classes which you will select here.

## Per cent and Danish

The time behind the leader in seconds is given by

$$\text{Winning time} * (\text{leader's points} - \text{competitor's points}) / \text{Maximum points}.$$

Define if the winning time should be the average of the previous winning times or a fixed value. Note that the latter will be the same for all classes which you will select here. The maximum points is the value which you had chosen for the points calculation.

### Notice:

With a normal chase start by time differences, the overall result accords to the finishing order. This is normally **not the case with point scores!** You must take **only the finishing order** of the chase start as the final result. There is a special kind of result report available for this case, see the [Result Reports reference](#).

## Reports

The **Overview report** supplies a complete summary of the chase start organisation.

The **Check chase start organisation report** shows the missing classes. Have in mind that there can be classes without chase start.

For general information about reports, see the [reports reference](#).

### See also

[Special multiday tasks - Task based help](#)

[Chase start by courses](#)

[Result Reports](#)

[Event settings](#)

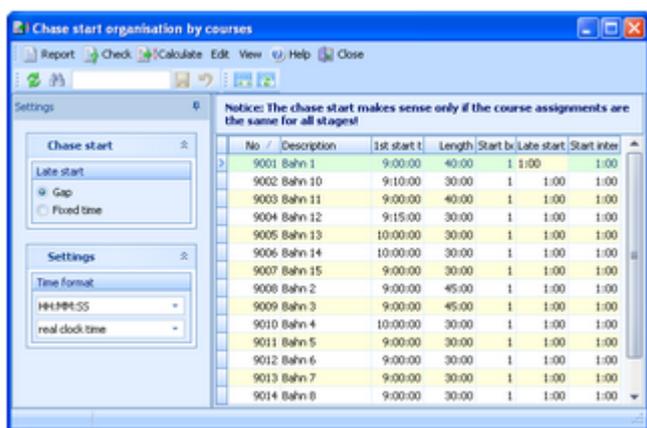
## 5.6.8 Chase start by courses

This function is available for **multidays only**.

Besides the more usual chase start by classes, it is also possible to perform it by courses. All competitors with the same course will be computed together, using the course definitions of the last stage. Of course, you must ensure that the results in those classes can be compared to each other, which means that they **must have had the same courses also in the preceding stages**.

You have to define some additional parameters. At the latest, do this after closing the last but one stage. In most cases you will plan this before the race. But it is wise to adjust the parameters according to the actual standings, especially the chase start length of each course.

If you have a *mixed scenario with a chase start for a part of the courses* and the others not, then it is wise to enter at least a dummy chase start information for the chasing courses here. This will exclude those courses from the [normal start list draw](#) automatically.



It is not necessary to have chase start definitions for all courses. It is no problem to mix both chase starts by classes and by courses. The only thing which you must observe is to enter the necessary definitions in the right places and to select the right classes or courses when calculating the chase start times.

## – Customizing the settings

The [Settings tab](#) has two paragraphs.

### Chase start

#### Late start

Competitors outside the chase start will be started using the defined interval, beginning with the [Late start time](#). The option [Late start](#) defines how the late start time should be computed.

**Gap** The first non-chasing competitor will start immediately after the last chase starter at the next full minute, plus the gap. (Default)

**Fixed time** The non-chasing competitors begin exactly with the given time. This option gives you the opportunity to start the late starters of all courses at the same time. It is even possible to start the late starters before the normal chase start, or to have a mass start (start interval 0) for them.

### Settings

#### Time format

The times will be displayed according to this setting.

## – Editing the chase start parameters

No /	Description	1st start t	Length	Start box	Late start	Start inter
9001	Bahn 1	9:00:00	40:00	1	1:00	1:00
9002	Bahn 10	9:10:00	30:00	1	1:00	1:00
9003	Bahn 11	9:00:00	40:00	1	1:00	1:00
9004	Bahn 12	9:15:00	30:00	1	1:00	1:00
9005	Bahn 13	10:00:00	30:00	1	1:00	1:00
9006	Bahn 14	10:00:00	30:00	1	1:00	1:00
9007	Bahn 15	9:00:00	30:00	1	1:00	1:00
9008	Bahn 2	9:00:00	45:00	1	1:00	1:00
9009	Bahn 3	9:00:00	45:00	1	1:00	1:00
9010	Bahn 4	10:00:00	30:00	1	1:00	1:00
9011	Bahn 5	9:00:00	30:00	1	1:00	1:00
9012	Bahn 6	9:00:00	30:00	1	1:00	1:00
9013	Bahn 7	9:00:00	30:00	1	1:00	1:00

Please observe the following hints for the columns.

#### 1st start time

This is the start time of the leader.

#### Length

This is the maximum time difference which is allowed to be in the chase start. All others (also vacants and those who are not classified due to mp etc.) will be started using the defined interval, beginning with the Late start time.

#### Late start

This is the start time of the first competitor outside the chase start. For more information, see the description of the option [Gap/Fixed time](#) in the paragraph above.

#### Start interval

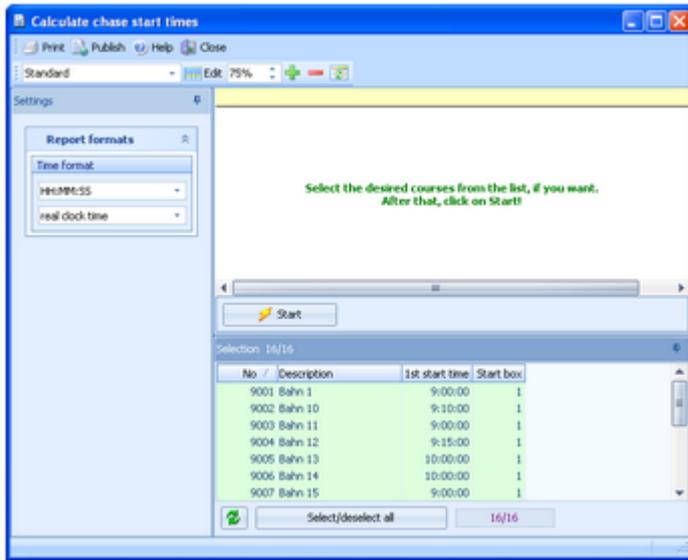
This is the start interval for the non-chasing competitors.

#### Start box

Use the start box to define the [start channel](#). At large events you may have several channels which can be processed by different persons. You can use it to print specific start lists.

## Special functions

### Calculate chase start times



Select the courses for which you want to calculate the start times. Click on the **Start** button to launch the task.

## Reports

The **Overview report** supplies a complete summary of the chase start organisation.

The **Check chase start organisation report** shows the missing courses. Have in mind that there can be courses without chase start.

For general information about reports, see the [reports reference](#).

### See also

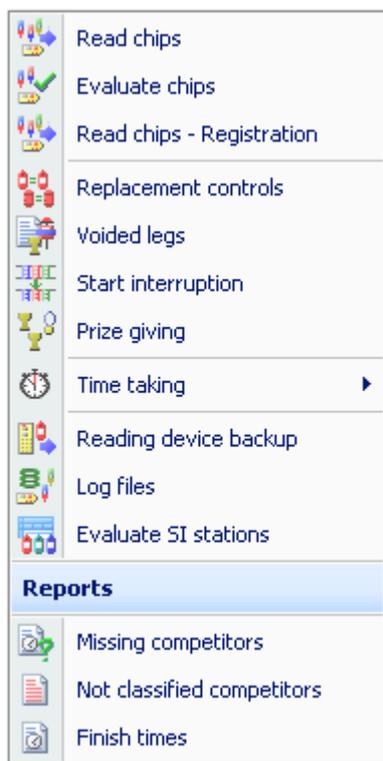
[Special multiday tasks - Task based help](#)

[Chase start by classes](#)

[Event settings](#)

## 5.7 Competition day

The **Competition day** main menu topic offers you all functions which you need to operate during the competition.



The two most important functions during a competition are [Read chips](#) and [Evaluate chips](#). At small events without pre-entries, the [Read chips - Registration](#) function is more suitable than its normal version.

Towards the end of the competition, several [reports](#) become important. As usual, they can be displayed from this menu with a single mouse click. Also, you can check out which classes are ready for the [prize giving](#) ceremony.

If you don't use the finish punch, then you will need the special [time taking](#) functions. It depends on your license whether you can use all functions here.

There are some special functions for handling unexpected situations during the event:

- [Replacement controls](#)
- [Voided legs](#)
- [Start interruption](#)
- [Reading device backup](#)
- [Log files](#)
- [Evaluate SI stations](#)

### See also

[Running the competition - Task based help](#)

[Advanced competition day tasks - Task based help](#)

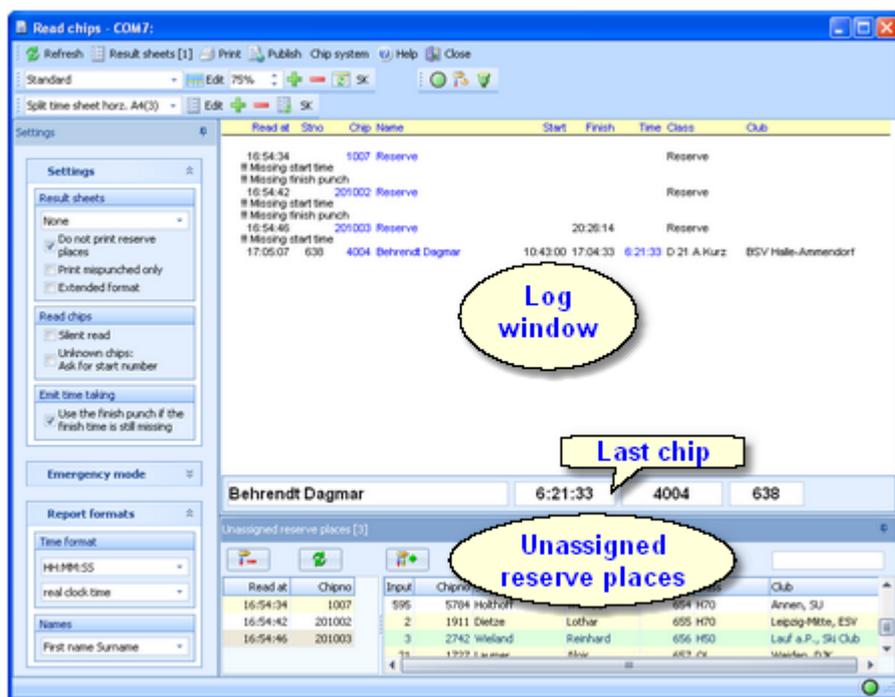
[Special multiday tasks - Task based help](#)

[Time taking - Task based help](#)

### 5.7.1 Read chips

The Read chips form is one of the most important functions during the running competition.

**Notice:** depending on the load in the finish chute, you may need to provide several download PCs in the network running the Read chips form. However, with the modern USB read devices both from Emit and SportIdent it is also possible to run [two or more Read forms](#) with one device connected to each [on the same PC](#).



This function expects that the entries are pre-registered. Although you are able to read all unknown chips into reserve places here, OE2010 provides a much better Read chips function if you don't have pre-registered entries. See the [Read chips - Registration reference](#) for more information.

In the normal case, reading the chips will run smoothly and they will be reported in the log window including all details. Errors detected by the automatic code checking will also be shown. Rented chips will be notified. The last chip will be displayed a bit larger in the bottom panel.

However, there will happen two sorts of situations where the operator of this function must interfere: **unknown chips** and **network failures**. See the paragraphs below.

The functions for the [handling of the chip reading device](#) are provided by the menu item **Chip system** and the **Chip system toolbar**. See the [Handling the chip system devices reference](#) for more details.

## – Customizing the settings

The **Settings** tab has three paragraphs.

### Settings

These settings define the behaviour of this function.

#### Result sheets

OE2010 creates a result sheet for each chip including all punch and split times. Select the desired print mode here.

##### Automatic

Result sheets will be printed automatically. The number of sheets per page accords to the selected label layout. Only full pages will be printed automatically. To avoid delays, you may wish to print incomplete pages by button **Result sheets**.

##### Spoiled

Result sheets will be queued and be printed by pressing the **Result sheets** button. The current number of queued sheets is shown on the button.

##### None

No sheets will be printed.

#### Do not print reserve places

Normally, result sheets for reserve places are nonsense, unless you are intentionally using reserve places only because there are no pre-entries.

#### Print mispunched only

If you don't want to provide result sheets in the finish, you may need those of the mispunched for handling them.

#### Extended format

You can print the sheets in normal format or in **Extended format**. When switching this option, a different pool of label layouts will be loaded. In addition to the normal sheets, the extended format sheets show the current places on

all split times, the current leaders on each split/int. time as well as the current result standings of the competitor's class.

So you can hand out complete intermediate results to every competitor after he had downloaded his chip in the finish. Since this is quite a heavy function especially for large events, please perform thorough performance tests before your race and before you promise that to the competitors.

#### Silent read

Normally, OE2010 will prompt you if you are going to read a chip for the same competitor a second time. In silent mode, such a chip will be saved to a reserve place automatically.

#### Unknown chips:

#### Ask for start number

If checked, then you will be asked for the start number of an unknown chip. If you cancel the prompt, then the chip will be saved to Reserve as usual.

Checking this option may be reasonable if the competitors are wearing start no. bibs.

## Report formats

#### Time format

The times will be displayed according to this setting.

#### Names

The names will be displayed according to this setting.

## Emergency Mode

See the paragraph below for more information.

## Emit time taking

This paragraph will only be shown if you are using the [Emit](#) chip system and additionally you are [taking the finish times from the online punch](#). Then you see the option [Use the finish punch if the finish time is still missing](#). If there was no online finish punch so far for some reason, the finish time will be taken from the finish punch on the chip. You can prohibit this action by unchecking the option.

## – Reserve places - handling unknown chips

Unknown chips will be saved to [reserve places](#) automatically. In this case the operator will be notified by a beep and the Reserve places panel will pop up if not yet visible. In [silent mode](#), a chip will also be put into a reserve place when it had been read the second time. If necessary, you can enlarge the panel by dragging the upper edge.

Read at	Chipno	Input	Chipno	Surname	First name	Startnr / Class	Club
16:54:34	1007	595	5784	Holthoff	Wilfried	654 H70	Annen, SU
16:54:42	201002	2	1911	Dietze	Lothar	655 H70	Leipzig-Mitte, ESV
16:54:46	201003	3	2742	Wieland	Reinhard	656 H50	Lauf a.P., Ski Club
		21	1727	Launer	Abic	657 Cl	Weiden, DTK

Select the reserve chip from the left panel and the right destination competitor on the right. [Assign the chip](#) using the

button . To find the competitor quickly, use an appropriate sort order and the quick search field at the top right. The assigned chip will be reported in the log window and it will be queued for the result sheets.

If you know that the reserve chip is obsolete, f.ex. because it had been downloaded twice, then [delete](#) it using the

button .

The reserve places may also be handled by another person in [Evaluate chips](#). In this case, use the [Refresh](#) button

 to update the reserve list from time to time. This does also refresh the competitors table. Perhaps you may need the refreshing for the latter purpose only if you have many direct entries during the race.

**Notice:** You can check the option [Unknown chips: Ask for start number](#). Sometimes you may prefer this method. For more details see the Settings paragraph above.

## – Network break - Emergency mode

The [Emergency mode](#) helps you to overcome network breaks. The basic idea is that during a network break the clients which do the Chip downloading can switch to local mode and just continue reading chips locally. Later those

chips can easily be [read from the log file](#) into the main event, after the network is up again.

Since the emergency mode is a task which makes sense in local mode only, it is not available when working on a remote event in the network.

## Preparations

On every download client PC, prepare a local event to which you can switch back for local operation. It makes sense if this is a local copy of the original event.

## What to do during a network break

- If the network is down, you will be notified by somebody of your staff or OE2010 will notify you by the [network lost dialog](#).
- Close OE2010 and restart it. Now it will switch back to local mode and select your prepared local event if you had it open as the last local event.
- Open the Read chips form.
- Pop down the [Emergency mode](#) tab in [Settings](#) and click on the **Start** button.
- The window will indicate that now you are working in emergency mode:



Emergency mode active		d:\entw2008\oleinzel\Logs\ChipLog1_EM.DAT		3		
Read at	Stno	Chip Name	Start	Finish	Time Class	Club
16:54:34		1007 Reserve				Reserve

The top panel also shows the name of the extra log file of emergency mode and the number of chips saved there.

- Just continue downloading the chips. They will be saved into the local event. [If this is a local copy of the main event, then known chips will be handled like in the original event](#) with code checking and you can print the split time sheets. Unknown chips will be saved to reserve places. **Notice: Do not assign those reserve places to real competitors in emergency mode!** You must handle them after uploading the emergency log file into the main event. That's why the reserve table is not available here.

## What to do after the network is up again

- Close the Read chips window.
- Switch back to the main event from the network.
- In this event, reopen the Read chips form and continue downloading as usual.
- Additionally, open the [Log files](#) function.
- Open the emergency log file by the respective button and upload all chips which had been saved during the emergency mode. For more information see the [Log files reference](#).

## More details about the emergency log files

The emergency log files will be saved into the [Logs](#) subfolder of your Application settings folder. For more details look at the [Application folders reference](#). They consist of two files which are named like [ChipLog1\\_EM.dat](#) and [ChipLog1\\_EM.idx](#) where 1-6 is the number of the stage (1 for single day events). If you like to upload them at a central place (maybe directly on the server), then collect them from the download PCs and copy them into a central place. You can then load the right chips into the main event using the [Log files](#) function.

For every event the same emergency log file will be used. If OE2010 finds chips from previous dates in the emergency log file, you will be asked to remove them when switching to emergency mode.

## However!

If you are running a smaller event using 2 or 3 PCs in the network and a single download PC only, then the recommended way of doing is to **use the server itself for downloading**. Thus network breaks won't matter and you can continue anyway. No emergency mode needed.

## — Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

## See also

[Running the competition - Task based help](#)

[Read chips - Registration](#)

[Evaluate chips](#)

[Log files](#)

[Device backup memory](#)

## 5.7.2 Evaluate chips

The Evaluate chips form is one of the most important working areas during the running competition. Here you can handle all issues with chip assignments, check mispunches, modify chip contents, and more.

Input	Startnr	Chipno	Surname	First name	Class	Club	Start /	Finish	Class	Course
222	882	52171	Sikora	Miroslav	H60	Ostrava, Bank	21:57:30	22:28:05	OK	Bahn 10
304	601	403786	Fernandez Balsells	Joan	H21AL	C.E.Farra-O	21:57:30	22:24:32	OK	Bahn 6
391	271	236880	Juric	Lucija	D14	Merz, OK	21:57:30	22:26:28	OK	Bahn 3
454	111	505299	Kelemen	Bernadett	D19E	Baranya-Pécs 2011, Team	21:57:30	22:18:39	OK	Bahn 7
605	451	6319	Harter	Camill	H18	Ortenau, OLG	21:57:30	22:17:22	OK	Bahn 4
688	399	253543	Dörig	Franziska	D18	MWK.NOS + Friends	21:57:30	22:14:52	OK	Bahn 5
109	269	553467	Karolczak	Agata	D14	Leszno, UKO	21:58:30	22:25:17	OK	Bahn 3
115	414	430397	Mala	Patrycja	D18	Leszno, UKO	21:58:30		dns	Bahn 5
140	589	2000171	Olaniczek	Andrej	H21AL	Dresden, USV TU	21:58:30	22:27:05	OK	Bahn 6
467	777	770361	Fuchs	Josef	HMS	Pinskafeld, HSV	21:58:30	22:20:48	OK	Bahn 8
480	127	2016	Kraemer	Stefan	D19E	Dresden, Post SV	21:58:30	22:19:14	OK	Bahn 7
724	884	410410	Gohde	Günter	H60	Hannover, Turn-Klubb	21:58:30	22:28:46	np	Bahn 10

The data grid is just a readonly selection grid. The contents of the competitor's chip are displayed in the bottom panel. You can sort the grid like you want and search for a competitor quickly using the search field. For example, if you want to check out the mispunched competitors, it is a good idea to sort them by the Classification column, so will have all mispunched in a row.

If you need more details about browsing in and customizing the data grid, have a look into the [data grid reference](#).

### Customizing the settings

Use the [Chip system settings](#) button/menu item  to modify those settings. If there is a change which is relevant for calculating the (punch) times, they will be recalculated and the form's display will be updated.

The [Settings](#) tab shows the standard paragraph for [Competitor settings](#).

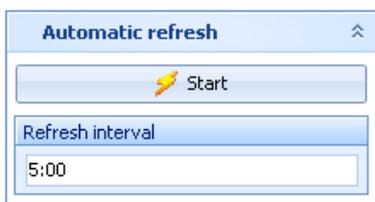
#### Sort mode

You can define the sort mode for classes and clubs. They can be sorted by their Id numbers (class number or club number) or alphabetically. The latter may be too slow sometimes for large events. Choosing the Id no. order will optimize the load time of this form.

#### Time format

The times in this form will be displayed according to this setting.

If you prefer that, then you can activate the [Automatic refresh](#) function. This will especially help at large events, where you have operators at the crying wall, who are working with this window continuously.



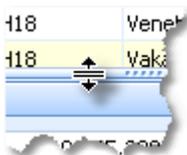
Set the right [Refresh interval](#). An interval of some minutes is sufficient.

Click on the [Start](#) button to start the automatic refreshing.

**Notice:** If you are editing a chip, then the automatic refresh will be suspended. After saving the chip, the automatic refresh will be restarted automatically.

## Editing the chip contents

The bottom panel consists of three sections for times and classification, the chip contents and the course.



Drag the splitter bar to resize the bottom panel, so that you will see more punches in the chip panel.

[Start, Finish \(Times\)](#)  
[Start, Finish \(Chip\)](#)

The start and finish fields in the Chip panel mean the start and finish punches saved on the chip. The corresponding fields in the Times panel mean the actual start/finish times which are saved for the competitor. They may have been calculated or editable according to the [SportIdent](#) or [Emit settings](#). F.ex., only one of the finish fields will be enabled depending on whether you are using the finish punch for time taking.

**Negative times:** You can enter [times before the zero time](#). To do so, first [set the time format to relative to zero time](#). Then enter a negative time (-...). Then set the time format [back to absolute time](#). Entering the time in absolute time does not work because then this time will be assumed to be after the zero time. **Use this possibility only in the extraordinary case if there is really a competitor who had started before the zero time!**

[Time](#)  
[Class., Comment](#)

The (running) time is always calculated based on the other input fields.

You can change the classification if necessary. If you like, you can add a comment in the respective field.

[Credit, Penalty](#)

You can enter a manual time credit and/or penalty which will be computed when calculating the time.

[Check, Clear](#)  
[Read](#)

Read-only fields, [SportIdent only](#).

This is a read-only punch field for [Emit only](#). Normally this is the "250-punch", which means the punch time of the 250 reader. Since there may have been several reads done with the same chip, all those 250 punches are displayed in the punch list. The one which is considered to be the reference punch for the time calculation is displayed in [green colour](#). This punch is also shown in the Read field. If you think the wrong 250 punch had been used, then you can switch to the previous/next one using the [Switch button](#) .

**Background:** Since the Emit ecard does not carry a clock time, the correct punch time calculations depend on the reading PC's clock time (shown in the [Last read](#) field) and the zero time. The referenced 250-punch will be set equal to the chip read time and all other punch times will be calculated accordingly. There may be problems if a chip had been downloaded several times because inbetween the ecard's clock had been stopped. If necessary for extraordinary cases, you have the possibility to insert an appropriate 250-punch manually and assign it as the reference.

[Voided legs, Last read,](#)  
[Last edited, chip status](#)

Read-only fields

1	66	21:51:58
2	60	21:53:42
3	71	21:55:31
4	35	21:57:25
	46	22:01:13
5	64	
6	65	
7	56	22:05:35
8	36	22:06:42
9	57	22:09:34
10	99	22:10:26

In the [punch list](#), missing punches are marked with red colour, wrong (additional) punches are shown in purple colour and valid punches are shown in black. To modify a punch, [rightclick](#) it to display the context menu. You can change the code number and the punch time, insert/add a new punch or delete the current one. You can use the shortcuts [Ins](#) or [Del](#) or [doubleclick](#) a punch to perform the default action. After editing punches, the classification will be set to [mp/OK](#) automatically if necessary. Any obviously manually edited classification like [dns](#) or [dnf](#) will never be changed automatically.

**Inserting a missing punch:** To insert a missing punch (f.ex. if the control had been defective or stolen), just [dblclick](#) it and press [OK](#) in the Insert punch dialog. The punch will be inserted using a [special dummy punch time](#) which is displayed as [0.00](#). If you don't like this, feel free to change this to a reasonable punch time.

With defective or stolen controls, there are usually many competitors affected. Use the function [Insert missing control](#) instead. For more information, see the next paragraph.

**Hide code checking** This function is available in the context menu.

If you have the [same control multiple times](#) in the course, and (only) the first of them is missing, then the [numbering of the correct punches gets somewhat puzzled](#) since OE2010 takes the next (existing) punch of this control as the correct one. There are also other situations where the wrong and correct punches can't be displayed in the right way. [Hide code checking](#) removes the numberings, so that you have all punches just in order and you can compare more easily to the correct course displayed at the right.

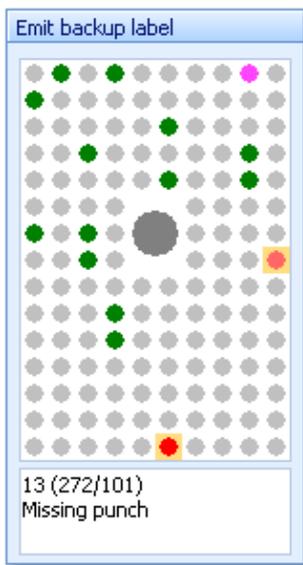
**Notice:** If you are using Replacement controls, they will be displayed in brackets (...) in the course panel. For more details see the [Replacement controls reference](#)

1	192 (105)
2	96
3	210 (87)
4	205 (108)
5	75
6	35

## - Emit backup label

This feature is available for the [Emit punching system only](#).

Right of the course panel, the panel of the [Emit backup label](#) is displayed.



The pins are displayed how they they should look like on the competitor's backup label, based on what is saved from the chip. There are different colours used.

- Green [Correct punches](#) according to the course.
- Red [Missing punches](#). If you click on a missing punch, then also the possible alternatives are displayed in a lighter red colour ■ if there are reserve controls defined.
- Purple [Additional punches](#) of the competitor which are not on the course. Mostly these may be wrong punches.

If you click on a pin, then this pin is highlighted in [orange colour](#) and there is a comment in the bottom text field. If there are possibly more than one punches represented by the same pin, then this is shown in the text.

You can also highlight a pin by clicking on the punch in the punch list.

The normal task will be to investigate the red pins (which are missing on the chip data), and look for them on the original paper backup label of the competitor.

### Notice

The Emit backup label can also be [printed on the split time sheets](#). When editing a split time sheet layout, you have an additional button available to insert the Emit backup label. The pins are given in black and white:

- Black [Correct punches](#) according to the course.
- Ring [Missing punches](#)
- Gray [Additional punches](#) of the competitor which are not on the course. Mostly these may be wrong

punches.

## – Teams

First read the task based description of [Handling teams](#).

**Display** the column **Teams**. Move it near the **surname/first name** columns to give you a better overview. If a competitor is assigned to a team, then the name of his team leader is given in this column, like in the [entries](#) function. When displaying the chip contents, the hint **Team** will be given in the information text field left of the punch list.

Normally a team should carry a single chip which must be assigned to the team leader. For the result, **only the chip of the team leader counts**. This means the code checking, the start punch and the finish punch. Other team members may carry their own chips and punch with them but they will not be computed for the team's result. Thus you can ignore any mispunches which had been found on those chips. If you had assigned the master chip to the wrong competitor, then you can easily correct that by switching the chips, see below.

In the **chip reports**, the whole team is displayed for the team leader's chip and the name as usual for the chips of all other team members.

## – Special functions



### Assign current chip to another competitor

Assigns the current chip (read for the wrong competitor) to another competitor. It is also possible to **exchange** both chips. Follow the given instructions.



### Delete current chip

Deletes the current chip. You can decide whether the chip number should be kept or not.



### Validate code checking

Performs the code checking for all competitors. This may help you, if you encountered errors in your [course definitions](#) during the event. Fix the course definition and run this function. All competitors whose results had been changed will be reported.

You can keep this report window open and repeat this action when you need it. The new content will be added at the end of the report. Thus you can collect this all in a single report and print it at the end or save it in any publishing format.



### Insert missing control for all competitors

Inserts a defective or stolen control for all competitors concerned.

You can keep this report window open and repeat this action or insert additional controls when you need it. The new content will be added at the end of the report. Thus you can collect this all in a single report and print it at the end or save it in any publishing format.



### Print result sheet

Prints the result sheet of the current competitor. The label print dialog will appear automatically. If you want to select another label layout, then Cancel this dialog, select the layout, set the option **Extended format** in the right way and print the label from the report menu.



### Print multiple result sheets

Behaves like a report. You can select multiple competitors and then print their result sheets.

**Notice:** this is not the same as printing sheets from the Chips report! In the latter, the punch times are shown as clock times while on the "normal" result sheet they are shown as split times of the competitor.

## – Reports

The **Chips report** supplies a list of all chips. Select **Edited chips only** to report only them.

The **Wrong punches report** gives a list of all chips with wrong punches.

The **Check check punches report** checks if all competitors had taken their check punch within the predetermined time. This may help you to detect irregular start times. Enter the right time margins in the settings panel. This report

is available with **SportIdent only**.

**Notice:** If you had [read the backup memory of check stations](#), then the punch times from those stations will be displayed and marked by #. This is a workaround to compensate a SportIdent design fault. If your finish stations were working in extended mode, then the **finish punch had damaged the check punch time** on the SICard5. To get the right results in this report, you must download the backup memory of all check stations. If you are sure that your finish stations worked in non-extended mode, then no download is necessary.

The **Emit code 99 report** shows a summary and a list of all punches which had generated a code 99 punch. This punch is issued by a control when its battery is running down. This report is available with **Emit only**.

For general information about reports, see the [reports reference](#).

## – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

### See also

[Read chips](#)

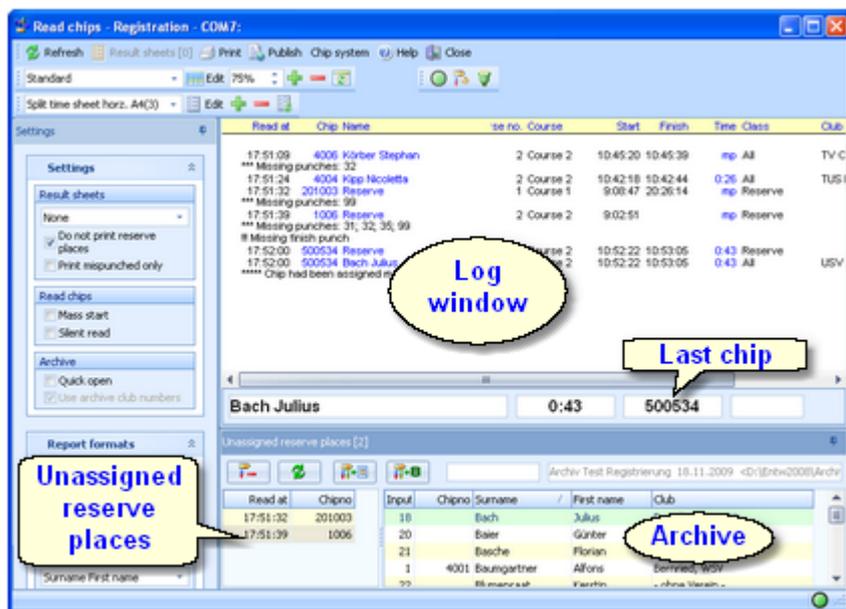
[Voided legs](#)

[Replacement controls](#)

[Manual input \(f.ex. not started\)](#)

### 5.7.3 Read chips - Registration

For small events (well, there is no limit actually) without pre-entries, the Read chips with registration in the finish form is one of the most important functions during the running competition.



This function saves the chips for non existing competitors only. The only exception is if the chip is already in the event, then it will ask you to overwrite it. If you have [pre-entries](#), then you must use the [\(normal\) Read chips](#) function. See also the [Read chips reference](#).

The most comfortable feature of this function is that the [course will be determined automatically](#). However, this requires some [preconditions](#):

- This form will [use the first class](#) which is defined and assign all competitors to this class. So you must have defined a single class.
- The first class must have the [individual courses flag](#) set.
- [All courses must be predefined](#) but need not be assigned to any class.
- You must [use both start and finish punch](#) in this event.

You will be notified if one of these preconditions is not fulfilled. OE2010 will calculate the course, assign the competitor to the first class and assign the course to the competitor individually. Consequently, you will have to report the [results by courses](#) only.

You have the best benefit of this function if you have an [archive](#) where almost all possible competitors are included with the right chip numbers. When downloading a chip, OE2010 will look for the chip number in the archive. If the chip can be found and the competitor is not yet registered in the event, then OE2010 copies the archive data of this competitor into a new entry and assigns the chip details. Then OE2010 calculates the course and assigns it to the competitor. If no course matched, then it is obviously a mispunch. OE2010 will then try to find the course with the most matching controls. If this is wrong, then you can change this assignment using [Assign Competitors - Courses](#). If you are not using the archive, then all chips will first be saved to reserve places and then you will have to enter the competitors manually. The same happens if the chip is not found in the archive.

In the normal case, reading the chips will run smoothly and they will be reported in the log window including all details. Errors detected by the automatic code checking will also be shown. Rented chips will be notified. The last chip will be displayed a bit larger in the bottom panel.

However, you will have to do something if the chip is not known in the archive or if the chip comes the second time. See the paragraphs below.

The functions for the [handling of the chip reading device](#) are provided by the menu item **Chip system** and the [Chip system toolbar](#). See the [Handling the chip system devices reference](#) for more details.

## – Customizing the settings

The [Settings tab](#) has two paragraphs.

### Settings

These settings define the behaviour of this function.

<a href="#">Result sheets</a>	OE2010 creates a result sheet for each chip including all punch and split times. Select the desired print mode here.
<a href="#">Automatic</a>	Result sheets will be printed automatically. The number of sheets per page accords to the selected label layout. Only full pages will be printed automatically. To avoid delays, you may wish to print incomplete pages by button <a href="#">Result sheets</a> .
<a href="#">Spooled</a>	Result sheets will be queued and be printed by pressing the <a href="#">Result sheets button</a> . The current number of queued sheets is shown on the button.
<a href="#">None</a>	No sheets will be printed.
<a href="#">Do not print reserve places</a>	Normally, result sheets for reserve places are nonsense, since you will assign them to real persons here.
<a href="#">Print mispunched only</a>	If you don't want to provide result sheets in the finish, you may need those of the mispunched for handling them.
<a href="#">Mass start</a>	One precondition that you are able to use this function is that you are using start and finish punches. However, training events can also have a mass start and then you don't have any start punches. In this case, check this option. Then all competitors without a start punch will get the zero time as their start time. So it would be possible to have a mass start AND punched start at the same time.
<a href="#">Silent read</a>	Normally, OE2010 will prompt you if you are going to read a chip for the same competitor a second time. In silent mode, such a chip will be saved to a reserve place automatically.
<a href="#">Archive: Quick open</a>	For large archives like the Swedish and Finnish ones, opening it takes too long since the whole database must be read into memory. The Quick open mode is the same quick way of computing like in previous versions of the SportSoftware. However, there are some restrictions with sorting and searching capabilities. OE2010 will remind you to set this if the archive has more than 20000 competitors. Also, the opposite will be reminded: if you have an archive smaller than 20000, you should unselect the Quick open mode. Of course, if your

machine is fast enough, you can always use the normal mode.

**Archive: Use archive club numbers** This option is disabled here. You should not change it. It can only be changed when working on the [entries](#).

New clubs will be created in the event automatically if necessary. This setting determines how the club numbers should be handled. Checked means that the clubs will keep the club number from the archive. Unchecked means that each new club will get the next available club number in the event. New clubs which were not in the archive, will get club numbers beginning with 90000.

## Report formats

**Time format**

The times will be displayed according to this setting.

**Names**

The names will be displayed according to this setting.

## – Reserve places - handling unknown chips

Unknown chips will be saved to [reserve places](#) automatically. In this case the operator will be notified by a beep and the Reserve places panel will pop up if not yet visible. In [silent mode](#), a chip will also be put into a reserve place when it had been read the second time. If necessary, you can enlarge the panel by dragging the upper edge.



Select the reserve chip from the left panel and the right destination competitor from the archive on the right. [Assign the chip](#) using the button . To find the competitor quickly, use an appropriate sort order and the quick search field at the top. If the competitor can't be found in the archive, then you can open the input panel using the button .

Please enter the competitor here!

Surname: Krämer

First name: Stephan

Club: Coburg-Neuses, TV 1894

Buttons: Save, Cancel

Just enter the name and the club and save the competitor. The assigned chip will be reported in the log window and it will be queued for the result sheets.

If you know that the reserve chip is obsolete, f.ex. because it had been downloaded twice, then [delete](#) it using the button .

The reserve places may also be handled by another person in [Evaluate chips](#). In this case, use the [Refresh](#) button

 to update the reserve list from time to time.

## – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

## See also

[Running the competition - Task based help](#)

[Read chips](#)

[Evaluate chips](#)

[Classes](#)

[Assign Classes - Courses](#)

[Courses](#)

[Log files](#)

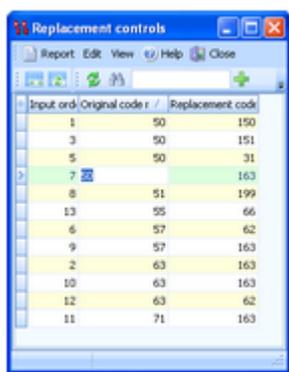
[Device backup memory](#)

## 5.7.4 Replacement controls

It may happen that controls get lost or stop working during the event.

With **Sportident**, you have the possibility to prepare some reserve stations in advance and use them to replace the faulty stations quickly. These stations should carry code numbers which are not defined in the [controls](#) table.

With **Emit**, you may simply have reserve controls with other code numbers only.



Input ord.	Original code	Replacement code
1	50	150
3	50	151
5	50	31
7	51	163
8	51	199
13	55	66
6	57	62
9	57	163
2	63	163
10	63	163
12	63	62
11	71	163

After replacing a control, you have to enter this as quickly as possible into this table. Enter the [original code number](#) (as it is defined in the courses) and the [replacing](#) one. The code checking will now accept punches from both controls for the original code number.

If you need more details about editing in the data grid, have a look into the [data grid reference](#).

### Notice:

Normally a replacement should follow **two basic rules**: the [replacement code number should not be defined as an ordinary control](#) and there should be a [unique replacement code](#) for the original code number.

However, there are many possible reasons why this can't be fulfilled. So OE2010 allows any violation of these rules.

The best known reason is that **Emit controls** are carrying fixed code numbers, so you have to use what you have available. You can have normal code numbers as replacement codes, multiple replacements for the same original code, and the opposite which is assigning the same replacement code to multiple original codes. The report will display such violations. For more details, see the paragraph below. Of course, you as the organiser are responsible to ensure that this will still allow a correct code checking!

There is one special indication where you could use a normal code number as a replacement. If you had exchanged two controls by mistake when putting them out, then just define each of both as the replacement of the other one. (Have in mind that this is surely a violation of competition rules...)

## – Reports

The report lists all replacement definitions together with a comment. This shows whether there are violations to the basic rules (see above). So don't forget to view the report after every change!

Possible comments are

- The replacement code number is a normal control.
- The replacement code number is assigned to multiple controls.
- The control is assigned to multiple replacement code numbers.

Please check out whether you can avoid such cases.

For general information about reports, see the [reports reference](#).

## – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

All editing applies to the current stage.

## See also

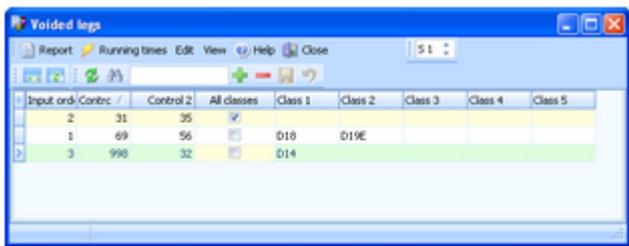
[Running the competition - Task based help](#)

[Advanced competition day tasks - Task based help](#)

[Evaluate chips](#)

## 5.7.5 Voided legs

Sometimes you may wish to exclude a part of the course (one or more legs) from calculating the running time. For example, if the competitors have to cross a busy main road on their course, then the time required for the crossing should not be included. Now you can place one control on either side of the road and exclude the time of this "leg". It is even possible to define any control of the course as the finish, means counting the time until this control only. For this, you just have to void all subsequent legs.



Define the **two controls (code numbers)** of this leg. Note that the **direction** is important: only those courses will be computed where this leg is done from the first towards the second control. If the same leg has to be voided in the reverse direction also, then define another leg by swapping the code numbers.

There are **special code numbers** available: code number **998 means the start** and code number **999 means the finish**.

If this leg must be voided for **all classes**, then **check** this column. In this case, any input into the class columns will be ignored. To void a leg **for special classes only**, then **uncheck** the column **All classes** and enter up to 5 classes into the appropriate columns. If you have more than 5 classes where this applies, then define the same leg as often as you need to enter all those classes.

Having defined voided legs here does not mean that the results will be adjusted automatically. Use the button **Recalculate running times** to do this. This recalculation is done automatically when you are closing the window.

### Notice:

After editing the voided legs, all clients (especially those where chips are downloaded) have to close and reopen their open windows or to refresh them.

## – Reports

The report supplies an overview of the voided legs.

For general information about reports, see the [reports reference](#).

## – Special hints for multiday

If you are working on a multiday event, then you will see the **stage selector**. See the [stage selector reference](#) for more information.

All editing applies to the current stage.

## See also

[Running the competition - Task based help](#)

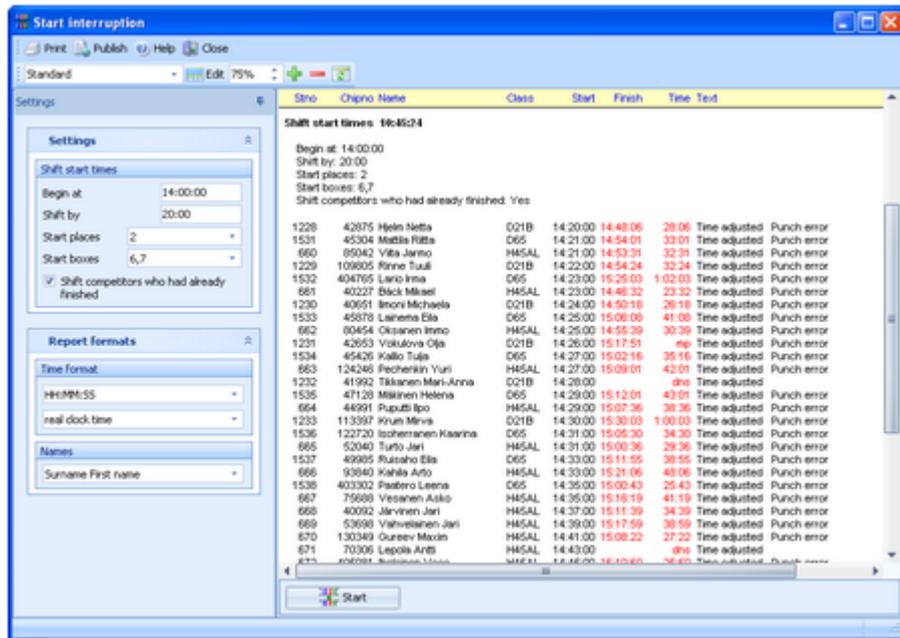
[Advanced competition day tasks - Task based help](#)

[Evaluate chips](#)

## 5.7.6 Start interruption

Sometimes it may be necessary to have a start interruption. This may happen at large multadays where you have a compulsory public transport to the start and the finish area which may have arrived too late.

With this function you can shift all start times beginning at a specified one by a specified time interval.



You get a protocol of this action. Every competitor will be commented whether there were errors when shifting the start time. This may happen if some had started at their original time and some not or if you made a mistake.

Examine the messages and try to solve the issues in [Evaluate chips](#). In case of a mistake, it should be possible to undo this by just changing the **Shift by** value to its negative equivalent.

The following messages may be displayed.

### Time adjusted

You had checked the option **Shift competitors who had already finished** and the competitor had already finished. This means his running time had been recalculated. The new time will be displayed together with the finish time in red colour (using the standard layout).

### Time error

This is a finisher and his finish time is before the new start time. Most likely you did a mistake by shifting the wrong start times.

### Punch error

This is a finisher and his first punch is before the new start time. Most likely you did a mistake by shifting the wrong start times.

## – Customizing the settings

The **Settings** tab has two paragraphs.

### Settings - Shift start times

#### Begin at

Enter the first start time when the start interruption began. Be sure to use the right time format here, especially relative or real clock time! It is recommended to use clock times only here.

#### Shift by

Enter the length of the interruption, which is the interval how much the start times must be shifted. Negative intervals are also possible to allow fixing a previous error.

#### Selection: start places and/or start boxes

If you have several start places, the start interruption may happen to one of them only. You can restrict this action to the selected start places and/or start boxes.

For more information about start places and start boxes see the [Start organisation by classes reference](#).

#### Shift competitors who had already

You must decide on your own, depending on the time when you are doing this

finished

action. If you do this immediately after the first shifted competitors had actually started, then it is wise to uncheck this option. If you do it some time after the actual restart time, then some of the competitors concerned may already have finished and got a wrong time since this was still based on the original (unshifted) start time. If you check this option, then the times will be adjusted. See also the explanations given above.

## Report formats

Time format

The times will be displayed according to this setting.

Names

The names will be displayed according to this setting.

## – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

In this form, the stage selector is deactivated just for display purposes. The form will always use the stage only by which it had been invoked from the main menu.

## See also

[Running the competition - Task based help](#)

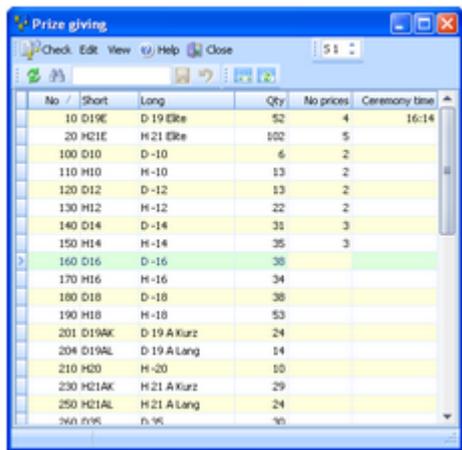
[Advanced competition day tasks - Task based help](#)

[Start list draw - Classes](#)

[Start list draw - Courses](#)

## 5.7.7 Prize giving

This function helps you to prepare the prize giving ceremonies during the event. At many events, the start list is scheduled in that way so that during the competition some classes will be complete while others are still running. It is often wished to have several (short) prize giving ceremonies during the race. A class is ready for the prize giving if no missing competitor can beat the first n places anymore, for which prizes will be offered.



No.	Short	Long	Qty	No prizes	Ceremony time
10	D19E	D-19 ERe	52	4	16:14
20	H21E	H-21 ERe	102	5	
100	D10	D-10	6	2	
110	H10	H-10	13	2	
120	D12	D-12	13	2	
130	H12	H-12	22	2	
140	D14	D-14	31	3	
150	H14	H-14	35	3	
160	D16	D-16	38		
170	H16	H-16	34		
180	D18	D-18	38		
190	H18	H-18	53		
201	D19AK	D-19 A Kurz	24		
204	D19AL	D-19 A Lang	14		
210	H20	H-20	10		
230	H21AK	H-21 A Kurz	29		
250	H21AL	H-21 A Lang	24		
260	H26	H-26	35		

Enter the [Number of prizes](#) and optionally the [Ceremony time](#). However, preplanning the latter is not necessary. See below.

While entering the numbers here is a quite simple task, the main work has to be done using the [Check report](#). Click on the [Check](#) button to display it:

Class	Prize giving	Competitors	Time
D 19 Elite (52-52)	Ready	4	16:14
1 138 Kirchlechner Christine			37:14
2 161 Müller Lea			37:53
3 139 Meister Sabrina			37:55
4 130 Ellner Anna			38:19
H 21 Elite (100-102)	Not ready	5	
1 4 Schgagüler Klaus			34:19
2 2 Schneider David			34:50
3 3 Hirschböcker Gerrit			35:02
4 1 Müller Matthias			35:32
5 33 Kundlich Wieland			36:04
+ 90 Schulte-Zurhausen Roman			33:56
*** 104 De Ferrari Rudi			3:51:56
D -10 (5-6)	Ready	2	
204 Lexen Laura			Not done
205 Lehner Mari			Not done
202 Aderjan Luca Elster			Not done
201 Meister Joelle			Not done
H -10 (11-13)	Not ready	2	

In the selection panel only those classes will be available for which you had *entered a number of prizes*. For the selected classes, a *result* is displayed including the *top n places* (which you need for the ceremony). Below that, there are those competitors reported who *can still beat the top n places*. They are marked by a *+* sign in the place column. There will be a *tolerance of 5 minutes* more than the time to beat, to include those who are still waiting in the finish for the download. There are also competitors reported who apparently had *forgot to download their chip*. They are marked by asterisks *\*\*\**. OE2010 will report those competitors here who don't have a finish time and currently have more than an estimated maximum time. This is calculated by the winning time + 1 hour, if the winning time is below 1 hour, and 2 x winning time otherwise.

With the class name at the top you see the *number of competitors finished* vs. the total number and the status *Ready* or *Not ready*. A class is considered as not ready, if there are additional competitors reported as described above. For *not to be classified classes*, all finishers will be displayed (no matter which number of prizes) and all missing ones.

Read more in the paragraphs below on how to operate this report by setting the right options. By default, the report will always preselect the nextcoming ceremonies.

## Notice

It is most important that the **PC clock is exactly synchronized to the official event time!** The displayed times of the missing competitors are calculated using the PC clock.

If you are *viewing an older event* just for test purposes, you may see the missing competitors without times. That's because for calculating the time of missing competitors, OE2010 must use the event date. To see the right times, you will have to adjust the event date to the current day and maybe set the PC clock to appropriate times to simulate specific situations during the event.

## Customizing the settings

The **Settings** tab has two paragraphs.

### Settings

**Quick selection: Nextcoming ceremonies**

This is the default. All classes will be selected whose scheduled ceremony time is in the future or which don't have one entered. Normally you can leave this setting and then refine the selection manually or together with the option **Ready classes only**.

**Quick selection: type 1 or type 2**

As for all class reports, you can use this to select all classes with the desired class types by checking them. For more information about class types see the **Classes reference**.

**Display: ready classes only**

If you think that the not ready classes are correct, then you can restrict the report to the ready classes only. Check the option and refresh the report.

## Report formats

Time format	The times will be displayed according to this setting.
Names	The names will be displayed according to this setting.

### – How to use this function

As a precondition, you must have defined the numbers of prizes for all relevant classes. Even if you have a rough time schedule of when specific classes should be processed, *don't enter those times here*.

If you think now is the time for the first ceremony, invoke the check report. For the first time, all classes should be selected and every class should be classified by ready or not. *Examine the not readies*. If you think this is OK, then you can restrict the report to the *Ready classes only*. Check this option and refresh the report. If you don't want to process all of them now, then just *unselect the respective classes* in the selection table and refresh the report. If you have the right classes in the report, then *assign* them the (actual) *ceremony time*. Enter the time into the time field below the report and press the *Prize giving* button. The report will be refreshed automatically, showing the time together with the class header now. Print this report and use it for the ceremony.

Invoke the report again when it is time for the next ceremony. By default, the *previously processed classes will not be included in the report*, since they have a ceremony time which is in the past. Work on the report as given above.

Repeat this step as often as you need.

**Notice:** To put the additional competitors out of the list (*to get the class ready*), you have to assign them a finish time or status like dns and then refresh the report. You may even ignore the class status if you know about the unsolved competitors and include the class in the next ceremony.

### – Special hints for multadays

If you are working on a multiday event, then you will see the *stage selector*. See the [stage selector reference](#) for more information.

All editing applies to the current stage. The check report always belongs to the stage from which it had been invoked from the input form. In the report, check *Overall time* if you want to have the prize giving according to the overall result after this stage.

## See also

[Running the competition - Task based help](#)

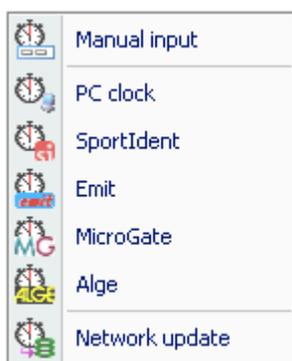
[Advanced competition day tasks - Task based help](#)

[Result Reports](#)

## 5.7.8 Time taking

Besides the most common time taking method using the finish punch, you may have the need to enter finish times manually or use an external time taking system or the PC clock for time taking.

You find these functions under *Competition day - Time taking*. **It depends on your license whether you can use all functions here.**



You can [enter the times manually](#). This function can also be used for entering not started competitors quickly.

You can take the times by the [PC clock](#) or another external time taking system. So far the SportSoftware supports [SportIdent](#), [Emit](#), [MicroGate](#) and [Alge](#). All of them can be used together with any of the two chip systems for identification. Before beginning with an external time taking system, be sure to understand the [basic principles of time taking](#) with the SportSoftware.

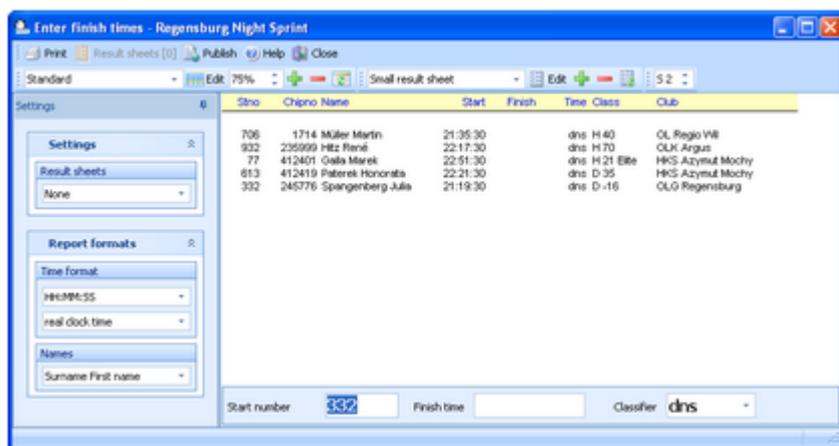
During a [network break](#), you will have to record the times locally in [emergency mode](#). After restoring network operation, you can upload those times to the server using the [Network update](#) function

## See also

[Time taking - Task based help](#)

### 5.7.8.1 Manual input

For some reasons, it may be necessary to enter finish times manually, f.ex. if you are using an external time taking system which had a failure for some time. However, the best known purpose of this form is that you can *enter not started competitors very quickly* here.



Enter the [start number](#), the [finish time](#) and the [classifier](#). To *enter not started* (or maybe disqualified...) competitors, just set the classifier to the right value, leave the finish time blank and enter the start numbers.

For a quick input, switch the numerical keypad to "numerical" and use those keys. Instead of the colon (:), you may also use the dot or the comma on the num key pad. In this form, the **Enter key** is available for fast switching from one input field to the next.

The competitors will be listed above together with their finish and running times. If the competitor already had received a finish time, you will hear a warn beep and the previous finish time will be reported. Thus previous errors in entering start numbers will be noticed. At any time, you can correct a wrong finish time by entering the (correct) time again.

## – Customizing the settings

The [Settings tab](#) has two paragraphs.

### Settings

#### Result sheets

OE2010 creates a result sheet for each competitor including his time. Select the desired print mode here.

- Automatic** Result sheets will be printed automatically. The number of sheets per page accords to the selected label layout. Only full pages will be printed automatically. To avoid delays, you may wish to print incomplete pages by button [Result sheets](#).
- Spooled** Result sheets will be queued and be printed by pressing the [Result sheets button](#). The current number of queued sheets is shown on the button.
- None** No sheets will be printed.

## Report formats

**Time format**

The times will be displayed according to this setting.

**Names**

The names will be displayed according to this setting.

### – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

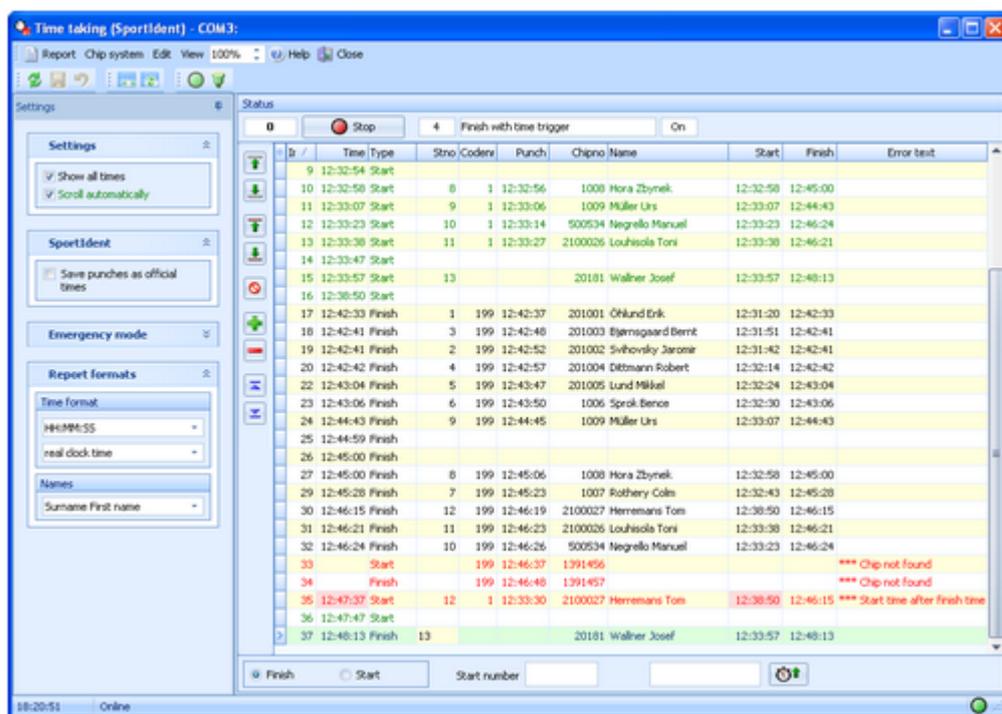
## See also

[Time taking - Task based help](#)

[Evaluate chips](#)

### 5.7.8.2 Time taking - Basic principles

The various time taking functions are working all in the same way. So the general working of the time taking will be described in this topic. As a sample, see the screenshot of the time taking using SportIdent below.



Basically it is possible to use each of the two punching systems **Emit** and **SportIdent** together with any of the supported time taking systems: the [PC clock](#), [SportIdent](#), [Emit](#), [MicroGate](#), and [Alge](#). For the special features of each time taking system look into its specific help topic. Depending on the combination chip system - time taking system, mostly two devices have to be connected to the window, one of the chip system which delivers the identification punches and one of the time taking system which delivers the times.

The form has a variable layout depending on the chip system, mainly because with SportIdent you can identify the station and display its characteristics on the form.

See also [Time taking - Task based help](#) for a more task oriented description.

## Notice

The time taking functions will only work reasonably **if the competitors are wearing start number bibs**.

### – Customizing the settings

The [Settings](#) tab has four paragraphs.

## Settings

These settings define the behaviour of this function.

### Show all times

By default, only the times of the selected type (finish/start) will be displayed. However, sometimes it may be wished to display all times.

### Scroll automatically

By default, this option is selected. This means that always the last received time or punch will be focused and displayed. If you had selected the sort order by input order or by time, then it will be displayed at the bottom or top after an automatic scroll.

**Notice:** You can select ascending or descending sort order. This way you can specify how you prefer to have the display: the last time at the top or at the bottom. If you had selected another sorting, f.ex. by start numbers, then the last received time/punch will be moved into view also but it will be not necessarily at the top or bottom.

## SportIdent, Emit, MicroGate, or ALGE

This will display special options which belong to the time taking system. See the special topics for more details.

## Emergency Mode

See the paragraph below for more information.

## Report formats

### Time format

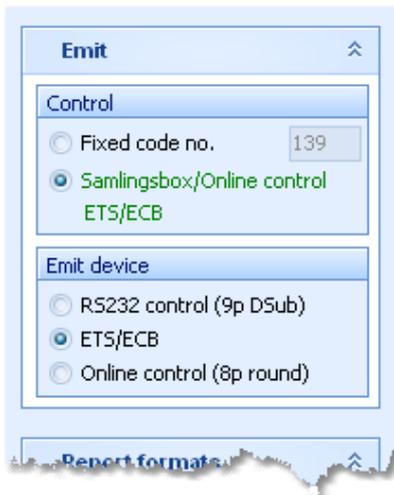
The times will be displayed according to this setting.

### Names

The names will be displayed according to this setting.

## Emit (options for the chip system)

This paragraph will only be shown if you are using the [Emit](#) chip system. The options specify the type of the online control which is used for identification.



### Option Control

You can define the [fixed code number](#) for the connected control. If you are using the [Samlingsbox](#), the [Online control](#) or the EmiTag devices [ETS/ECB](#), then the code numbers will be included in the protocol. Thus you should select the second option. This allows to have different controls connected to the same Samlingsbox, or to send different online controls through the same Emit radio transmitter.

### Option Emit device

Emit offers three alternatives, the normal [RS232 control](#) with its 9-pin DSub connector, the EmiTag devices [ETS/ECB](#) and the special [Online control](#) which you can recognize by its 8-pin round connector.

**Notice:** From [RS232](#) and [Online controls](#), the punch time is [calculated from the PC clock](#). **Please take care of having set the PC clock correctly!** [ETS/ECB](#) deliver their [own device times](#).

The code number is of minor importance since the incoming punches will be inserted as start or finish identification punches according to the selection at the bottom panel.

## – Before you begin

There are some preconditions which must be checked out before beginning with the time taking.

- **Check the Chip system settings**

The options [Use start station](#) and/or [Use finish station](#) must not be checked. Those options mean that the start and/or the finish time will be read from the according punch which is saved on the chip. Exactly that is what you do not want to have here! Instead, you want to take the times by an external time taking system. Those times shall not be overwritten by downloading the chip data in the finish. For more information about those settings, see the [SportIdent settings](#) and the [Emit settings](#) references.

- **Set the right time format**

Only the time format by tenths or hundreds will record the times with that accuracy. All other time formats will imply recording the times by seconds. This is independent of the time format which the time taking system is sending. However, current IOF rules are telling that any other resolution than seconds *"has no meaning for orienteering"*.

- In some cases, it is necessary that the **PC clock is synchronized to the event time**. See the specific topics for each time taking system for more information.
- For both devices, **set the serial port** in the right way! For more details, see the [Serial port settings reference](#).

## – Working in the time taking window

Incoming times and identification punches will be recorded and displayed continuously.

If you have enough time, then you can **enter the start number** of the incoming (or starting) competitor (next time) in advance. Normally this is not possible all the time and the times will be saved "standalone" for now. You can then add the start numbers later directly in the grid. Save a record using the **Save button** or the **Enter** key.

**Notice:** a start number sent by the time taking system has a higher priority than a manually entered one!

In the table you see the **competitor** and the time flag (**Start/Finish**). Errors will be coloured and be documented by an **error text**.

On the right side, you can compare the current official start and finish time of the competitor. If there is a difference to the time sent by the time taking system (left), then this will be **highlighted in red colour**. A possible reason may be that a single competitor had got several times assigned. In this case, only the latest assignment is valid and the others are highlighted as errors. Delete those faulty assignments. Normally those times will belong to other competitors.

At the left button bar, you find some **special functions** to handle errors.



### Assign competitor to previous time

The competitor will be moved one time up and be assigned to that time. Only unassigned times with the right flag will be computed.



### Assign competitor to next time

The competitor will be moved one time down and be assigned to that time. Only unassigned times with the right flag will be computed.



### Swap time with previous competitor

The competitor will be moved one time up and be assigned to that time. If this time had already been assigned to another competitor, then the times will be swapped.



### Swap time with next competitor

The competitor will be moved one time down and be assigned to that time. If this time had already been assigned to another competitor, then the times will be swapped.



### Clear assignment of competitor to this time

The time will be kept in the table but cleared for that competitor. If this was a faulty assignment (light red) then this has no effect on the competitor's official time.



### Duplicate time

Duplicates the highlighted time.



### Remove time

The time will be removed from the table. This is only possible if it is not assigned to a competitor.



### Jump to the first record



### Jump to the last record

You can also **insert times manually**. To do this, enter the missing time into the **Manual input field** at the bottom right and save it by clicking the button  or pressing the **Enter** key. As an option, you can enter the right **start number** into the start number field.

**Notice:** If you had entered times manually then the input order may no longer correspond to the order by times.

## Interrupt automatic receiving

If necessary, you can interrupt the automatic receiving using the **Stop button**. All subsequent times and punches will be queued. Click on the **Start button** to restart the automatic receiving.

Normally, you should not need to use this feature. If you have a high frequency of incoming times, then receive the punches and times in one window. Open another window in [offline mode](#) (which shows the same data) and handle all errors there.

### Notice

When opening the form or refreshing the table, all recorded finish and start times will be displayed. During operation, [only those times will be added which had been received by the window](#). This is designed to get a better overview when recording from multiple devices in multiple windows.

### – Which times will be recorded (start and/or finish)?

At the left bottom, you can select if you are recording [start](#) or [finish](#) times.

With [SportIdent](#), this setting may be fixed depending on the station type if OE2010 had detected a punching or time taking station with the task start or finish. If there had been another station task recognized (you can use ordinary control stations also for identification) or no station could be identified (f.ex. stations which are connected via radio multiplexer), the setting can be switched manually. All incoming punches will be saved according the setting Start/Finish.

With [Emit](#) or the [PC clock](#) the setting must always be defined manually, except you are using a SI start or finish station for identification.

From [MicroGate](#) or [ALGE](#), the flag start or finish is transferred by the time taking system. Thus it is independent of the setting in the window.

Theoretically, it is possible to record all times in a single window. However, it is recommended to have at least one window each for start and finish. You should do that with several clients in a network. You can also open several time taking windows at the same PC simultaneously. With an external time taking system, you can connect the right devices to each window and watch the automatic processing.

Use the option [Show all times](#) to show all times, not only those which are recorded.

### – How the identification works

At the [finish](#), first the time taking system sends the accurate time from the [finish light bar](#) (or the PC clock). After that, the competitor punches at the SportIdent station or the Emit control. Using the chip number, the first unassigned time will be assigned to this competitor.

At the [start](#), you have the [reverse proceeding](#). The identification punch will be done first and afterwards the start time (which had been sent by the time taking system) will be assigned to the first punch without an official time.

In both cases, the search algorithm begins with the last previously assigned time.

If you had entered a [start number](#) for [quick assignment](#), then this has priority. The punch will be added to the already assigned time. So it would even be possible to work without any identification punch.

Some time taking systems are supporting this preassignment by themselves. A preassignment done by the time taking system overwrites any input in OE2010.

### – Network break - Emergency mode

The [Emergency mode](#) helps you to overcome network breaks. The basic idea is that during a network break the clients which collect the times and punches can switch to local mode and just continue working locally. Later those times can easily be [uploaded into the main event](#), after the network is up again.

Since the emergency mode is a task which makes sense in local mode only, it is not available when working on a remote event in the network.

### Preparations

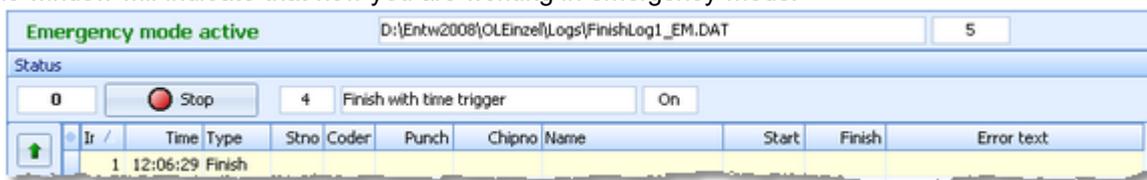
On every time taking client PC, prepare a local event to which you can switch back for local operation. It makes sense if this is a local copy of the original event.

### What to do during a network break

- If the network is down, you will be notified by somebody of your staff or OE2010 will notify you by the [network lost dialog](#).
- Close OE2010 and restart it. Now it will switch back to local mode and select your prepared local event if you

had it open as the last local event.

- Open the right time taking form.
- Pop down the [Emergency mode](#) tab in [Settings](#) and click on the **Start** button.
- The window will indicate that now you are working in emergency mode:



The top panel also shows the name of the extra log file of emergency mode and the number of times saved there.

- Just continue recording the punches and times. They will be saved into the local event. [If this is a local copy of the main event, then known chips or start numbers will be handled like in the original event](#) and the times will be assigned automatically.

### What to do after the network is up again

- Close the time taking window.
- Switch back to the main event from the network.
- In this event, reopen the right time taking form and continue recording as usual.
- Additionally, open the [Time taking - Network update](#) function.
- Upload all times which had been saved during the emergency mode. For more information see the [Network update reference](#).

### More details about the emergency log files

The emergency log files will be saved into the [Logs](#) subfolder of your Application settings folder. For more details look at the [Application folders reference](#). They consist of two files which are named like [FinishLog1\\_EM.dat](#) and [FinishLog1\\_EM.idx](#) where 1-6 is the number of the stage (1 for single day events). If you like to upload them at a central place (maybe directly on the server), then collect them from the time taking PCs and copy them into a central place. You can then load the right times into the main event using the [Network update](#) function.

For every event the same emergency log file will be used. If OE2010 finds times from previous dates in the emergency log file, you will be asked to remove them when switching to emergency mode.

## – Reports

The report shows all times and to whom they had been assigned, together with a self-explaining comment if necessary.

For general information about reports, see the [reports reference](#).

## – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

In this form, the stage selector is deactivated just for display purposes. The form will always use the stage only by which it had been invoked from the main menu.

### See also

- [Time taking - Task based help](#)
- [Time taking - Network update](#)
- [Time taking - PC clock](#)
- [Time taking - SportIdent](#)
- [Time taking - Emit](#)
- [Time taking - MicroGate](#)
- [Time taking - Alge](#)

[Results](#)

[SportIdent settings](#)

[Emit settings](#)

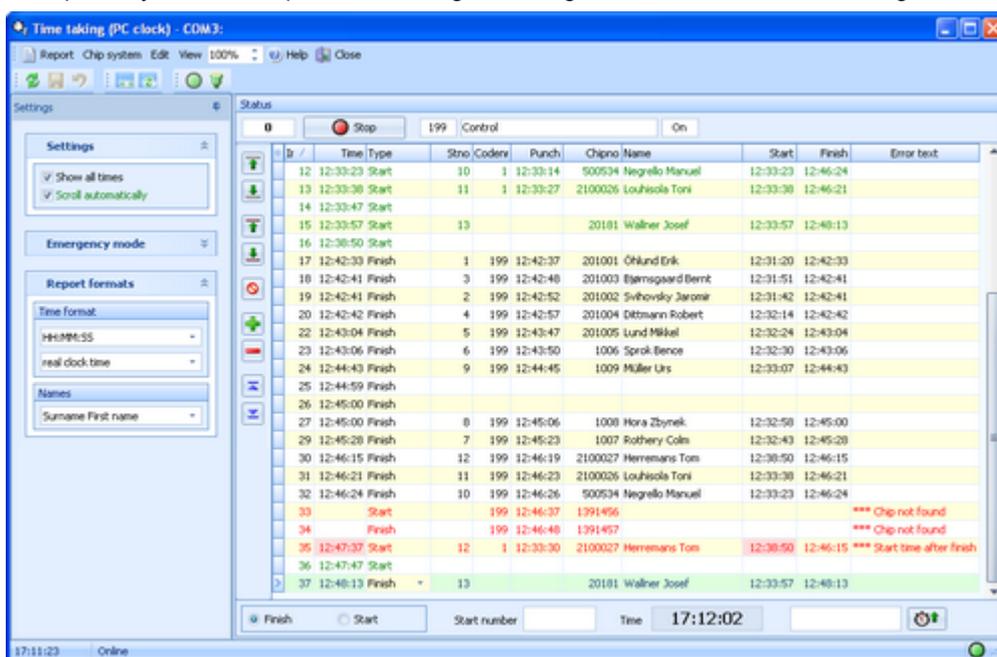
[Serial port settings](#)

### 5.7.8.3 Time taking - PC clock

You can use the **PC clock** together with any of the two punching systems **Emit** and **SportIdent** for the identification punch.

The various time taking functions are working all in the same way. The general working of the time taking is described in the [Time taking - Basic principles reference](#). Be sure to read this first if you are not yet familiar with time taking in OE2010.

This topic only adds the specific handlings of using the PC clock for time taking.



ID	Time	Type	Strno/Codernr	Punch	Chipno	Name	Start	Finish	Error text
12	12:33:23	Start	10	1	12:33:14	500534 Negrello Manuel	12:33:23	12:46:24	
13	12:33:38	Start	11	1	12:33:27	2100026 Louhisoja Toni	12:33:38	12:46:21	
14	12:33:47	Start							
15	12:33:57	Start	13			20181 Walker Josef	12:33:57	12:48:13	
16	12:38:50	Start							
17	12:42:33	Finish	1	199	12:42:37	201001 Öhlund Erik	12:31:20	12:42:33	
18	12:42:41	Finish	3	199	12:42:48	201003 Bjærsgaard Bernd	12:31:51	12:42:41	
19	12:42:41	Finish	2	199	12:42:52	201002 Svihovský Jaromír	12:31:42	12:42:41	
20	12:42:42	Finish	4	199	12:42:57	201004 Ditzmann Robert	12:32:14	12:42:42	
22	12:43:04	Finish	5	199	12:43:47	201005 Lund Mikkel	12:32:24	12:43:04	
23	12:43:06	Finish	6	199	12:43:50	1006 Sprok Benoc	12:32:30	12:43:06	
24	12:44:43	Finish	9	199	12:44:45	1009 Müller Urs	12:33:07	12:44:43	
25	12:44:59	Finish							
26	12:45:00	Finish							
27	12:45:00	Finish	8	199	12:45:06	1008 Hora Zbyněk	12:32:58	12:45:00	
29	12:45:28	Finish	7	199	12:45:23	1007 Rothery Colin	12:32:43	12:45:28	
30	12:46:15	Finish	12	199	12:46:19	2100027 Herremans Tom	12:38:50	12:46:15	
31	12:46:21	Finish	11	199	12:46:23	2100026 Louhisoja Toni	12:33:38	12:46:21	
32	12:46:24	Finish	10	199	12:46:26	500534 Negrello Manuel	12:33:23	12:46:24	
33	Start			199	12:46:37	1391456			*** Chip not found
34	Finish			199	12:46:48	1391457			*** Chip not found
35	12:47:37	Start	12	1	12:33:30	2100027 Herremans Tom	12:38:50	12:46:15	*** Start time after finish
36	12:47:47	Start							
37	12:48:13	Finish	13			20181 Walker Josef	12:33:57	12:48:13	

The times are calculated from the PC clock. **Please take care of having set the PC clock correctly!**

The **time** field shows the running PC clock time. Pressing the **space bar** saves the current time in the table.

Because the start/finish flag has to be set manually here, it is absolutely necessary to have two different windows running for start and finish.

#### See also

[Time taking - Task based help](#)

[Time taking - Network update](#)

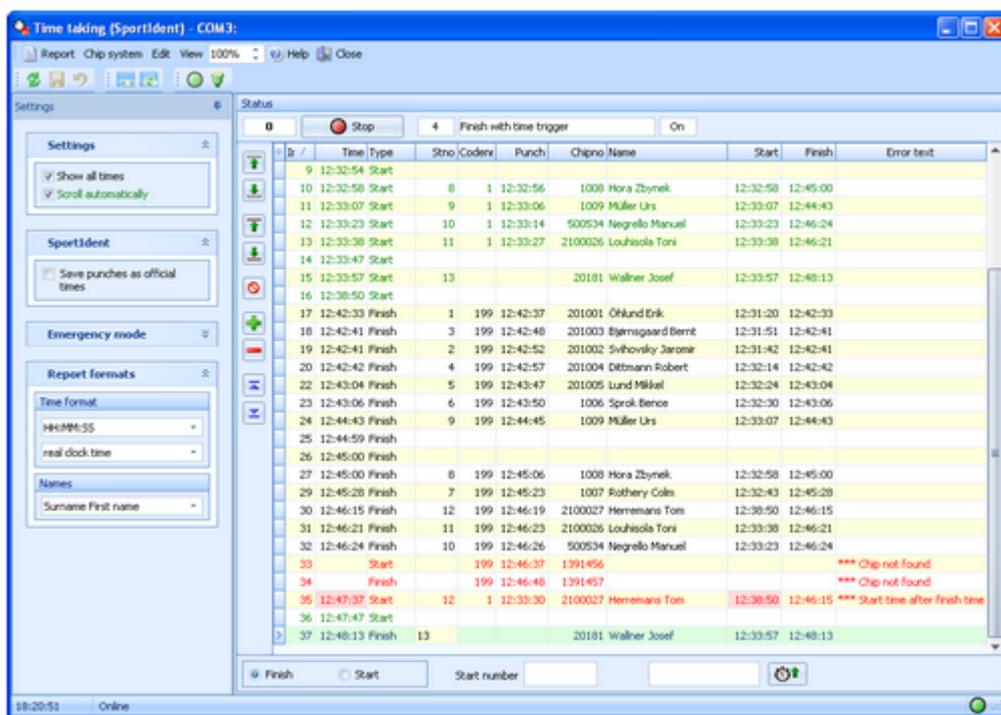
[Serial port settings](#)

### 5.7.8.4 Time taking - SportIdent

You can use the **SportIdent sprinter station** or even the punch of an **ordinary station** for time taking.

The various time taking functions are working all in the same way. The general working of the time taking is described in the [Time taking - Basic principles reference](#). Be sure to read this first if you are not yet familiar with time taking in OE2010.

This topic only adds the specific handlings of the time taking using SportIdent.



This function is designed for the [SportIdent sprinter stations](#) in the special [start or finish mode with time trigger](#). Those stations send both the times from the light bar and the identification punches.

By the option [Save punches as official times](#), you can use any [ordinary SI station](#) (start, finish or control) for time taking.

If OE2010 had detected a station with the task start or finish, then the start/finish flag will be fixed to that type. With normal control stations or if no station could be identified (f.ex. stations which are connected via radio multiplexer), the setting must be defined manually. All incoming punches/times will be saved according the setting Start/Finish.

Because only start **or** finish times can be recorded from the same device, it is absolutely necessary to have two different windows running for start and finish.

## – Customizing the settings

For a description of the basic options, see the [Time taking - Basic principles reference](#).

There is a special paragraph with [SportIdent options](#).

[Save punches as official times](#)      Check this option if you are using [normal stations](#) for time taking.

### See also

[Time taking - Task based help](#)

[Time taking - Network update](#)

[SportIdent settings](#)

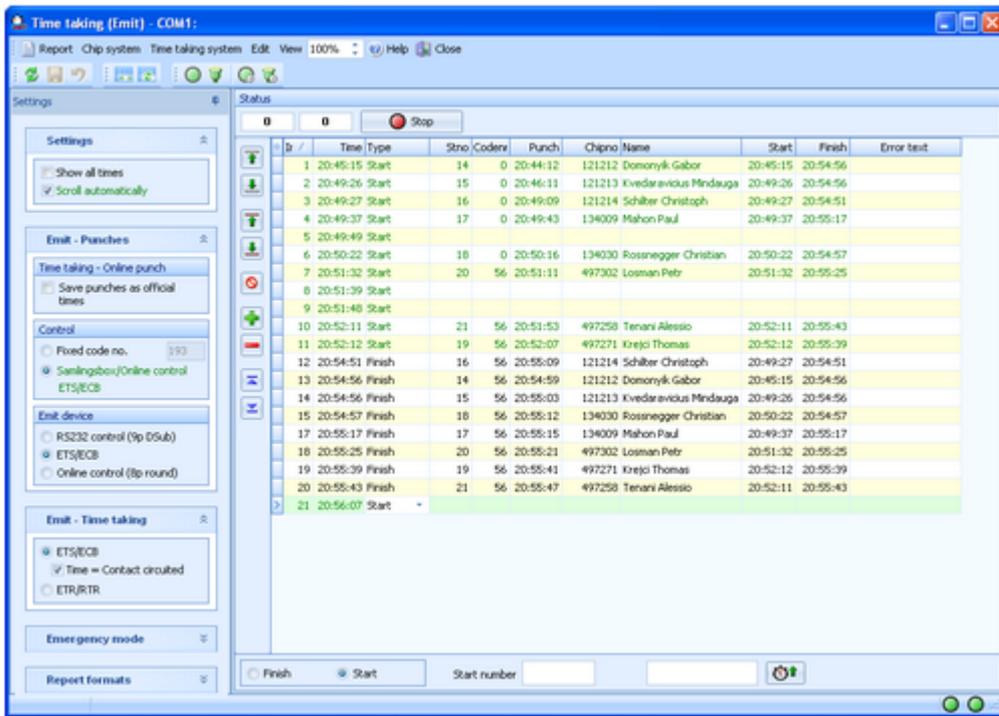
[Serial port settings](#)

### 5.7.8.5 Time taking - Emit

You can use the [Emit ETR/RTR](#) time taking device together with any of the two punching systems [Emit](#) and [SportIdent](#) for the identification punch. If you are using [EmiTag](#), then you must use the [ETS/ECB](#) devices.

The various time taking functions are working all in the same way. The general working of the time taking is described in the [Time taking - Basic principles reference](#). Be sure to read this first if you are not yet familiar with time taking in OE2010.

This topic only adds the specific handlings of the Emit time taking devices.



Set the right time type at the left bottom. The times will be recorded by the ETR/RTR or ETS/ECB and they will be identified by the punches from the control.

By the option *Save punches as official times*, you can use any ordinary Emit control for time taking. Use this option if you have set the Emit option *Time taking - Online punch*. This is also the right setting if you are using *ETS/ECB and a loop* which records the EmiTags. See the [Emit settings reference](#) for more details.

### Notice:

It is also possible to collect the online finish punches via the Speaker functions. For more details see the [Online monitor for intermediate times \(Client\)](#) and [Online monitor for intermediate times \(Server\)](#) references. However, it is recommended to use this time taking function for that purpose since here you have more possibilities to interfere manually and you don't need to care about Winsock ports etc.

## – Customizing the settings

For a description of the basic options, see the [Time taking - Basic principles reference](#).

There are two special paragraphs with **Emit options**.

**Save punches as official times** Check this option if you are using the online punch from the normal finish control for time taking.

**ETS/ECB or ETR/RTR** Select the right time taking device.

**Time = Contact circuited** This is a special option for using the ETS/ECB with a light bar or a manual time trigger. These devices do always issue two times: one when the contact is broken and one when it is closed (circuited). According to Emit, their order is different with different trigger devices. *But for the time taking, always the first time must be used.* With a trigger button, you can check this out easily. Press the button, keep it pressed for a while and finally release it. If you got the time when pressing the button, then the setting is correct. If you got the time when releasing the button, then you have to change the setting. A similar procedure can be done with a light bar.

The remaining Emit settings apply to Emit as the chip system and they are described in the [Time taking - Basic principles reference](#).

## – How to set up the ETR/RTR to work together with OE2010

Select program 10 for time taking and record the times. For more information, read the Emit handbook.

Set the time taking port to 1200bps, 8 data bits, no parity, 1 stop bit. **Note:** this is different to using the ETR for downloading chips!

## – How to set up the ETS/ECB to work together with OE2010

Connect the device to an USB port and set the respective virtual COM port to 115200bps, 8 data bits, no parity, 1 stop bit.

Set up the device and the loops/time triggers like you need them. For more information, read the Emit handbook.

### See also

[Time taking - Task based help](#)

[Time taking - Network update](#)

[Emit settings](#)

[Online monitor for intermediate times \(Client\)](#)

[Online monitor for intermediate times \(Server\)](#)

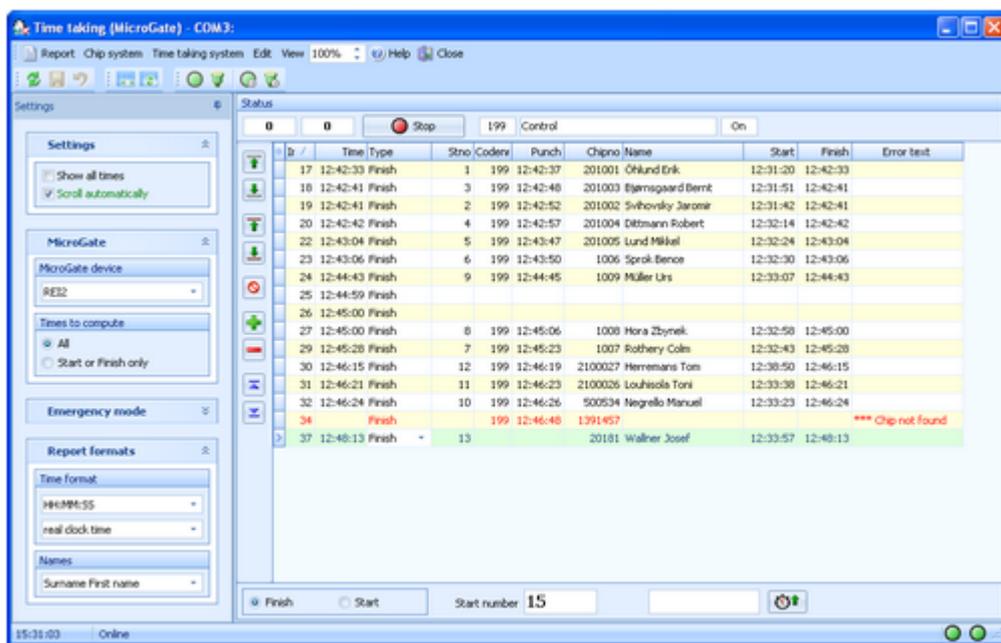
[Serial port settings](#)

### 5.7.8.6 Time taking - MicroGate

You can use a time taking device from **MicroGate** together with any of the two punching systems **Emit** and **SportIdent** for the identification punch.

The various time taking functions are working all in the same way. The general working of the time taking is described in the [Time taking - Basic principles reference](#). Be sure to read this first if you are not yet familiar with time taking in OE2010.

This topic only adds the specific handlings of the MicroGate time taking system.



Select your **MicroGate** device from the listbox.

**MicroGate-REI2** and **MicroGate-RaceTimer2** support the real start times which are sent via the start line. All other channels will be considered as times from the finish. Thus the **time type** will be defined by the **MicroGate** device and it is independent of the start/finish setting.

You can assign the times to start numbers with REI2/RaceTimer2 and afterwards transfer them to OE2010.

## – Customizing the settings

For a description of the basic options, see the [Time taking - Basic principles reference](#).

There is a special paragraph with **MicroGate options**.

### MicroGate device Times to compute

Select the right device, *REI2* or *RaceTimer2*.

The MicroGate devices have two serial lines which you can connect to different PCs or at least different time taking windows at the same PC. This is designed to allow to compute start and finish times at two different locations. However, the MicroGate device does not separate start and finish times for each line but it sends all times on both lines.

Set this option to *All*, if you want to compute all times in this window. Set it to *Start or Finish only*, if you only want to compute start or finish times in this window. Select the right type from the bottom left box.

## – How to set up the MicroGate devices to work together with OE2010

### REI2

Use the *PC-Online* application.

In the *software configuration*, set *Time to enter* to 0 seconds.

In the *REI2 configuration*, set the right *serial port* (computer A or B) to 38400bps, Online=Yes, Offline=Yes, Tick=Off. In this form, set the time taking port to 38400bps, 8 data bits, no parity, 1 stop bit.

### RaceTimer2

Use the *PC-Online* application.

In this form, set the time taking port to 2400bps, 8 data bits, no parity, 1 stop bit.

### See also

[Time taking - Task based help](#)

[Time taking - Network update](#)

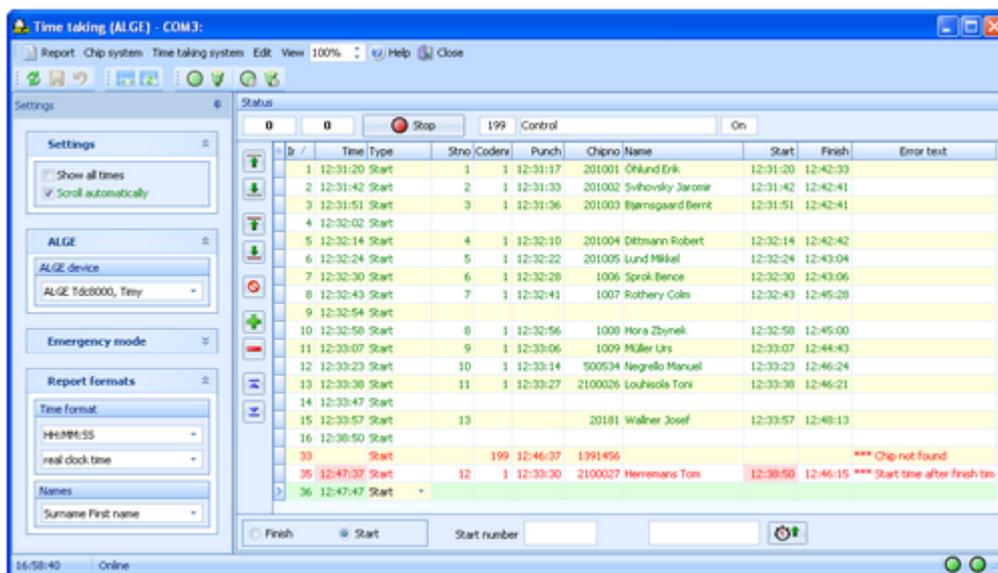
[Serial port settings](#)

### 5.7.8.7 Time taking - Alge

You can use a time taking device from *ALGE* together with any of the two punching systems *Emit* and *SportIdent* for the identification punch.

The various time taking functions are working all in the same way. The general working of the time taking is described in the [Time taking - Basic principles reference](#). Be sure to read this first if you are not yet familiar with time taking in OE2010.

This topic only adds the specific handlings of the ALGE time taking system.



Select your *ALGE* device from the listbox.

Except *ALGE S3*, all types support the real start times which are sent via the start channel. All other channels will be considered as times from the finish. Thus the *time type* will be defined by the *ALGE* device and it is independent of

the start/finish setting.

With [TDC8000](#) and newer, and [Timy](#), you can [assign the times to start numbers](#) and afterwards transfer them to OE2010.

## – Customizing the settings

For a description of the basic options, see the [Time taking - Basic principles reference](#).

There is a special paragraph with **ALGE options**.

[ALGE device](#)

Select the right device, [ALGE TdC800](#), [Timy](#), [ALGE S3](#), or [ALGE S4](#).

## – How to set up the ALGE devices to work together with OE2010

### ALGE TdC8000 and compatibles, Timy

Use the [Split application](#) (not with Timy).

You can set the speed to 2400, 4800, 9600, 19200 bps. The device setting must match the according time taking setting in this form. Additionally 8 data bits, no parity, 1 stop bit must be set.

### ALGE S3

Set the serial port to 2400bps, 7 data bits, no parity, 2 stop bits.

### ALGE S4

Set the serial port to 2400bps, 8 data bits, no parity, 1 stop bit

## See also

[Time taking - Task based help](#)

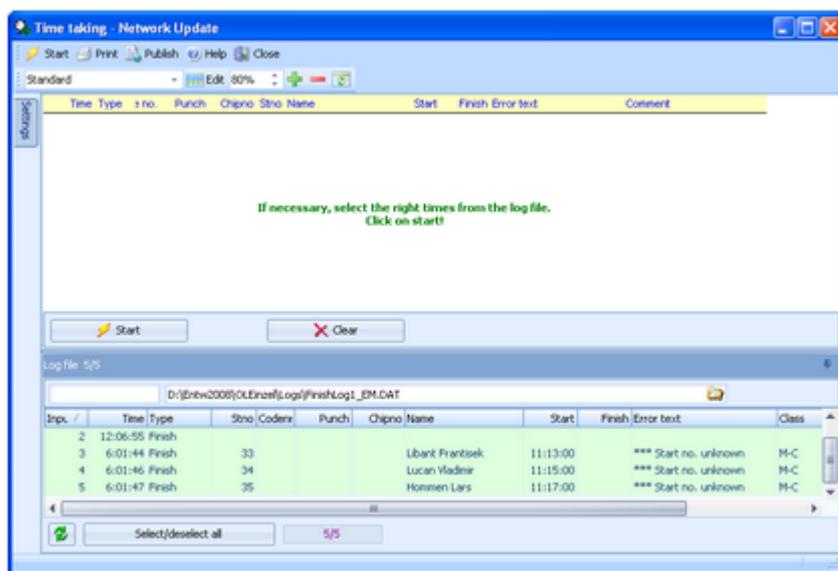
[Time taking - Network update](#)

[Serial port settings](#)

## 5.7.8.8 Time taking - Network update

In [Emergency mode](#), the times will be saved into a local log file. If you need more information about the emergency mode, see the [Time taking - Basic principles reference](#).

The form opens the emergency log file of this PC automatically.



When the network is up again after a break, you can quickly upload all times to the main event which had been saved locally only in emergency mode. The local emergency log file should contain those times only which had been recorded during the network break. Just click on **Start** to insert them into the event.

In extraordinary cases, you may have to select singular times or a range, f.ex. if there were several breaks during the competition. Use a suitable sort order and select the right times.

With button **Clear** you can clear the log file.

Since the form loads the local emergency log file automatically, it is recommended to process this log file at each client locally. One more reason to do so is that the operator on this PC has the best knowledge to decide in case of uncertainties. However, you may prefer to collect the log files and process them from a central place. The finish emergency log files are saved into the **Logs** subfolder of your Application settings folder. For more details look at the [Application folders reference](#). They consist of two files which are named like *FinishLog1\_EM.dat* and *FinishLog1\_EM.idx* where 1-6 is the number of the stage (1 for single day events).

## – Customizing the settings

The **Settings** tab has a format paragraph.

### Report formats

Time format

The times will be displayed according to this setting.

Names

The names will be displayed according to this setting.

## – Special hints for multadays

If you are working on a multiday event, then you will see the **stage selector**. See the [stage selector reference](#) for more information.

In this form, the stage selector is deactivated just for display purposes. The form will always use the stage only by which it had been invoked from the main menu.

### See also

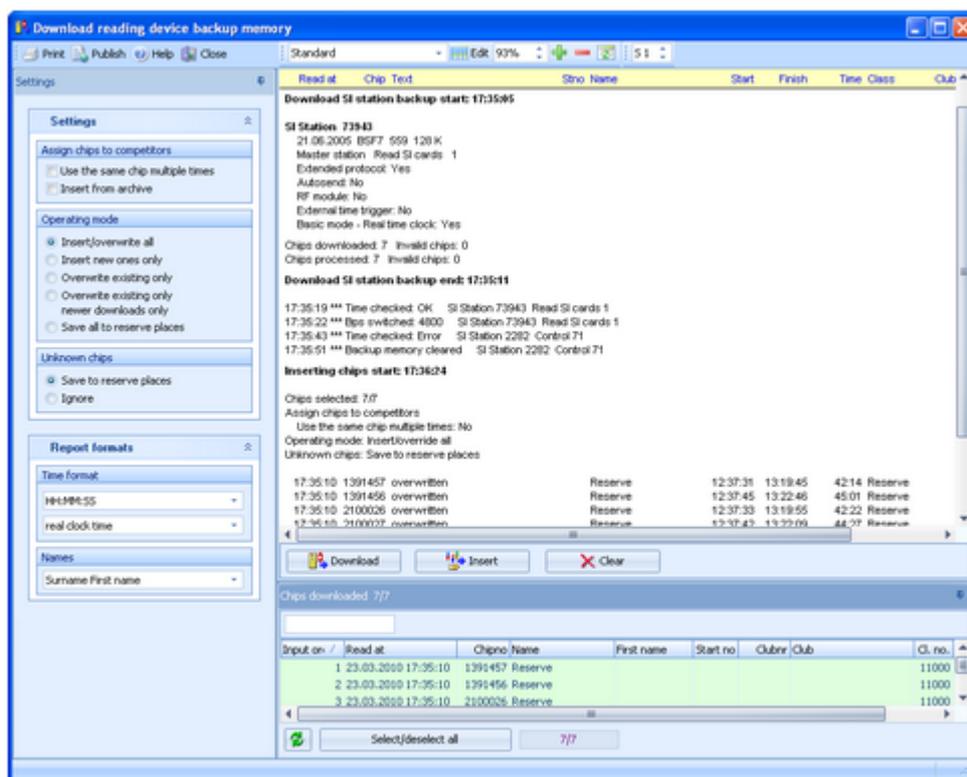
[Time taking - Task based help](#)

[Time taking - Basic principles](#)

## 5.7.9 Reading device backup

You can download the backup memory of a SportIdent or Emit reading device and insert the chips into the event. This function is often used if you had downloaded the chips into a standalone reading device, f.ex. the SportIdent printer set, and afterwards you want to load them into OE2010 to be able to publish the results.

The working mode of this form is similar to the [Log files](#) function, with the main difference that you get the chips from the device memory instead of the log file.



Click on **Download**. This will open either the [Download SI station backup](#), the [Download Emit MTR backup](#), or the [Download Emit ECU/MTR5 backup](#) dialog, depending on the chip system which you are using. This dialog will stay on top of this form. You can work with the devices (maybe download several devices). Every action will be protocolled in the log window. All chips downloaded will be collected in the list at the bottom. If necessary, you can close the device dialog and reopen it later with a click on the **Download** button. Besides their main purpose (downloading), the device dialogs offer some additional maintenance functions. Before continuing reading in this topic, it is recommended to look at the [Download SI station backup reference](#), the [Download Emit MTR backup reference](#) or the [Download Emit ECU/MTR5 backup reference](#) for more details.

You can select the desired competitors or chips from the list of chips downloaded at the bottom.. Use a suitable **sort order** and the **quick search field** at the top left of the selection table. Click on **Insert** and watch the log report window. **Notice:** the sort order of the selection table will be changed automatically to input order. This is necessary to handle multiple assignments of the same chip in the right order. Well, if you had downloaded from several devices, then you are responsible yourself what happens with multiple chips.

With button **Clear** you can clear the list of chips downloaded.

## – Customizing the settings

The **Settings** tab has two paragraphs.

### Settings

These settings define how the chips should be computed when uploading them into the event.

**Assign chips to competitors**  **Use the same chip multiple times**

A chip from the backup will be saved to a reserve place, if it had been already saved for a competitor but appears multiple times in the backup. Work on them in [Evaluate chips](#).

If unchecked, the same chip will be overwritten.

**Insert from archive**

If the chip is new for the event, then it will be looked up in the archive. If the chip had been found there, this competitor will be inserted into the event from the archive.

**Notice: This assignment works in the same way as in [Read chips - Registration](#).** The same preconditions (start punch, individual courses) are required, and OE2010 will calculate the best matching course automatically. For more details see the [Read chips - Registration reference](#).

Operating mode	This defines how the chips will be saved.	
	<a href="#">Insert/overwrite all</a>	Existing chips will be overwritten and new ones be inserted.
	<a href="#">Insert new ones only</a>	Only new ones will be inserted, existing ones won't be touched.
	<a href="#">Overwrite existing only</a>	Only existing chips will be overwritten, new ones will be ignored.
	<a href="#">Overwrite existing only, newer downloads only</a>	Existing chips will be overwritten with the same chip only if this has a later reading time.
	<a href="#">Save all to reserve places</a>	All chips will be saved to reserve places.
Unknown chips	<a href="#">Save to reserve places</a>	Unknown chips will be saved to reserve places.
	<a href="#">Ignore</a>	Unknown chips will be ignored.

## Report formats

<a href="#">Time format</a>	The times will be displayed according to this setting.
<a href="#">Names</a>	The names will be displayed according to this setting.

### – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

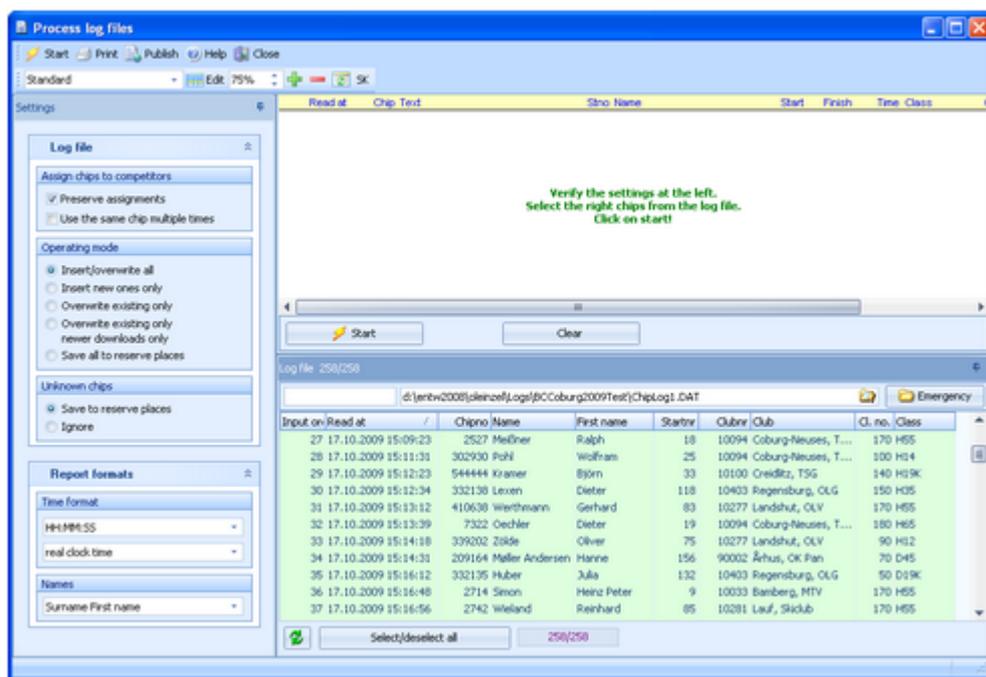
## See also

- [Running the competition - Task based help](#)
- [Advanced competition day tasks - Task based help](#)
- [Evaluate chips](#)
- [Read chips](#)
- [Read chips - Registration](#)
- [Log files](#)
- [Download SI station backup](#)
- [Download Emit MTR backup](#)
- [Download Emit ECU/MTR5 backup](#)

### 5.7.10 Log files

For backup reasons, all downloaded chips will be saved in a local log file. This is useful for restoring after a crash or network problems. In the most cases, you may look for a single chip which may have become lost in [Chip evaluation](#) by removing it accidentally. The working mode of this form is similar to the [Reading device backup](#) function, with the difference that you get the chips from the log file instead of the device memory.

The Process log files form opens the local log file of the current event automatically.



You can select the desired competitors from the log file. Use a suitable [sort order](#) and the [quick search field](#) at the top left of the selection table. Click on **Start** and watch the log report window. **Notice:** the sort order of the selection table will be changed automatically to input order. This is necessary to handle multiple assignments of the same chip in the same way as it had been done when reading the chip.

By default, the current active log file is displayed. You can also [select another log file](#) and load its chips into the event. You may collect the log files from all clients in a network, which you want to process from a central place. The files are saved into the [Logs](#) subfolder of your Application settings folder. For more details look at the [Application folders reference](#). In the [Logs](#) folder, you will find subfolders which have the same names as the event data folders. For remote events on the server, the local folder name is the event folder name plus [\\_R](#) (for remote). Inside every [Logs<Event folder>](#), you find the log files of that event. They consist of two files which are named like [ChipLog1.dat](#) and [ChipLog1.idx](#) where 1-6 is the number of the stage (1 for single day events).

With button **Clear** you can clear the log file.

A special case is processing the [emergency log file](#). See below for more details.

## – Customizing the settings

The [Settings](#) tab has two paragraphs.

### Log file

These settings define how the chips should be computed when uploading them into the event.

#### Assign chips to competitors

#### Preserve assignments

If the competitor exists, the same assignment will be done as in the log file. **This option does only work properly with the same event as the log file comes from.** Using this option to upload a log file from another event will cause unpredictable results! If you uncheck this option, then the assignments will be done just like reading the chip, using the chip number.

#### Use the same chip multiple times

A chip from the log file will be saved to a reserve place, if it had been already saved for a competitor but appears multiple times in the log file. Work on them in [Evaluate chips](#). If unchecked, the same chip will be overwritten.

#### Operating mode

This defines how the chips will be saved.

#### Insert/overwrite all

Existing chips will be overwritten and new ones be

		inserted.
	<a href="#">Insert new ones only</a>	Only new ones will be inserted, existing ones won't be touched.
	<a href="#">Overwrite existing only</a>	Only existing chips will be overwritten, new ones will be ignored.
	<a href="#">Overwrite existing only, newer downloads only</a>	Existing chips will be overwritten with the same chip only if this has a later reading time.
	<a href="#">Save all to reserve places</a>	All chips will be saved to reserve places.
<a href="#">Unknown chips</a>	<a href="#">Save to reserve places</a>	Unknown chips will be saved to reserve places.
	<a href="#">Ignore</a>	Unknown chips will be ignored.

## Report formats

<a href="#">Time format</a>	The times will be displayed according to this setting.
<a href="#">Names</a>	The names will be displayed according to this setting.

## – Emergency mode log file

If you need more information about the emergency mode, see the [Read chips reference](#).

When the network is up again after a break, you can quickly upload all chips to the main event which had been saved locally only in emergency mode. Click on the **Emergency** button at the top right of the log file table. This will load the local emergency log file which should contain those chips only which had been downloaded during the network break. Just click on **Start** to insert them into the event.

**Notice:** the log file settings are not used for these chips. These chips will be handled like at the download: the right competitor will be searched by the chip number and the chip will be assigned to this competitor. If there is any problem (unknown etc.), then the chip will be saved to a reserve place.

Since the emergency button works only with the local emergency log file, it is recommended to process this log file at each client locally. One more reason to do so is that the operator on this PC has the best knowledge to decide in case of uncertainties. However, you may prefer to collect the log files and process them from a central place. The emergency log files are saved into the [Logs](#) subfolder of your Application settings folder. For more details look at the [Application folders reference](#). They consist of two files which are named like [ChipLog1\\_EM.dat](#) and [ChipLog1\\_EM.idx](#) where 1-6 is the number of the stage (1 for single day events).

## – Special hints for multadays

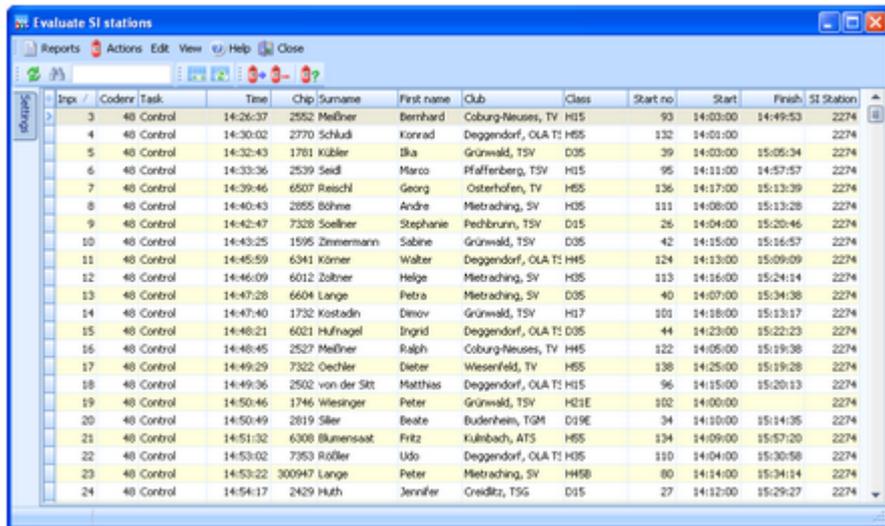
If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

## See also

- [Running the competition - Task based help](#)
- [Advanced competition day tasks - Task based help](#)
- [Evaluate chips](#)
- [Read chips](#)
- [Reading device backup](#)

### 5.7.11 Evaluate SI stations

You can download the punches from the backup memory of a SportIdent control station. This is mainly used to find not started competitors from missing check or start punches but also to solve complaints about missing punches etc.



Inpr	Coderr	Task	Time	Chip	Surname	First name	Club	Class	Start no	Start	Finish	SI Station
3	48	Control	14:26:37	2552	Meißner	Bernhard	Coburg-Neuses, TV	H15	93	14:03:00	14:49:53	2274
4	48	Control	14:30:02	2770	Schludt	Konrad	Deggendorf, OLA T1	H85	132	14:01:00		2274
5	48	Control	14:32:43	1781	Kübler	Ilka	Grünwald, TSV	D05	39	14:03:00	15:05:34	2274
6	48	Control	14:33:36	2539	Seidl	Marco	Haffenberg, TSV	H15	95	14:11:00	14:57:57	2274
7	48	Control	14:39:46	6507	Reischl	Georg	Osterhofen, TV	H85	136	14:17:00	15:13:39	2274
8	48	Control	14:40:43	2855	Böhme	Andre	Mietrachang, SV	H35	111	14:08:00	15:13:28	2274
9	48	Control	14:42:47	7328	Soellner	Stephanie	Pechbrunn, TSV	D15	26	14:04:00	15:20:46	2274
10	48	Control	14:43:25	1595	Zimmermann	Sabine	Grünwald, TSV	D05	42	14:15:00	15:16:57	2274
11	48	Control	14:45:59	6341	Körner	Walter	Deggendorf, OLA T1	H45	124	14:13:00	15:09:09	2274
12	48	Control	14:46:09	6012	Zobner	Helge	Mietrachang, SV	H35	113	14:16:00	15:24:14	2274
13	48	Control	14:47:28	6604	Lange	Petra	Mietrachang, SV	D05	40	14:07:00	15:34:38	2274
14	48	Control	14:47:40	1732	Kostadin	Demov	Grünwald, TSV	H17	101	14:18:00	15:13:17	2274
15	48	Control	14:48:21	6021	Hufnagel	Ingrid	Deggendorf, OLA T1	D05	44	14:23:00	15:22:23	2274
16	48	Control	14:48:45	2527	Meißner	Ralph	Coburg-Neuses, TV	H45	122	14:05:00	15:19:38	2274
17	48	Control	14:49:29	7322	Oechler	Dieter	Wesenfeld, TV	H85	138	14:25:00	15:19:28	2274
18	48	Control	14:49:36	2502	von der Silt	Matthias	Deggendorf, OLA T1	H15	96	14:15:00	15:20:13	2274
19	48	Control	14:50:46	1746	Wiesinger	Peter	Grünwald, TSV	H21E	102	14:00:00		2274
20	48	Control	14:50:49	2819	Silber	Beate	Budenheim, TGM	D19E	34	14:10:00	15:14:35	2274
21	48	Control	14:51:32	6308	Blumensaat	Fritz	Kühnbach, AT5	H85	134	14:09:00	15:57:20	2274
22	48	Control	14:53:02	7353	Rößler	Udo	Deggendorf, OLA T1	H35	110	14:04:00	15:30:58	2274
23	48	Control	14:53:22	300947	Lange	Peter	Mietrachang, SV	H98B	80	14:14:00	15:34:14	2274
24	48	Control	14:54:17	2429	Huth	Jennifer	Creditz, TSG	D15	27	14:12:00	15:29:27	2274

Under the menu item **Actions** you find the main functions of this form: [download punches](#) and [find not started competitors](#). See the paragraph about special functions below for more details.

One other task which you can perform here is to [solve complaints about mispunches](#). If the competitor did not wait for the feedback signal when punching, there will be no punch saved into the SI card. However, this punch will be saved in the station's backup memory with an error code. Usually the competitor will complain and assert that he had waited for the signal and thus should have this punch.

You can download the stations from that control and search for this punch using the SI card number. Two cases are possible.

- There is a punch with an error code  
Those punches are shown in the form ErrA to ErrF, where the last character tells you when the SI card had been removed from the station. An error code proves that the runner did not wait for the signal. This means, he does not have a valid punch from that control.
- There is no punch found  
Then the runner did not punch at all here.

However, the IOF rules and almost all national competition rules do strictly stick to what is found on the chip and they do not allow any evaluation by downloading punches from controls. But showing the evidence to the mispunched competitor may raise his confidence in electronic punching and in your competence as an O organiser.

#### – Customizing the settings

Set the [time format](#) here. The times will be displayed according to this setting. The time format plays also an important role when downloading punches. When saving the punch times, the current format will be used to truncate them down from a higher resolution which may be found in the station.

In the normal case, you will always have a resolution of seconds and you don't have to care about that since all station types carry at least the same resolution. However, control stations in [extended mode](#) are saving the punches in a [resolution of 1/256 seconds](#). To save this, set the time format to tenths or hundreds before you download the punches. If you made a mistake, then just remove the wrongly saved punches (see special functions below).

#### – Special functions

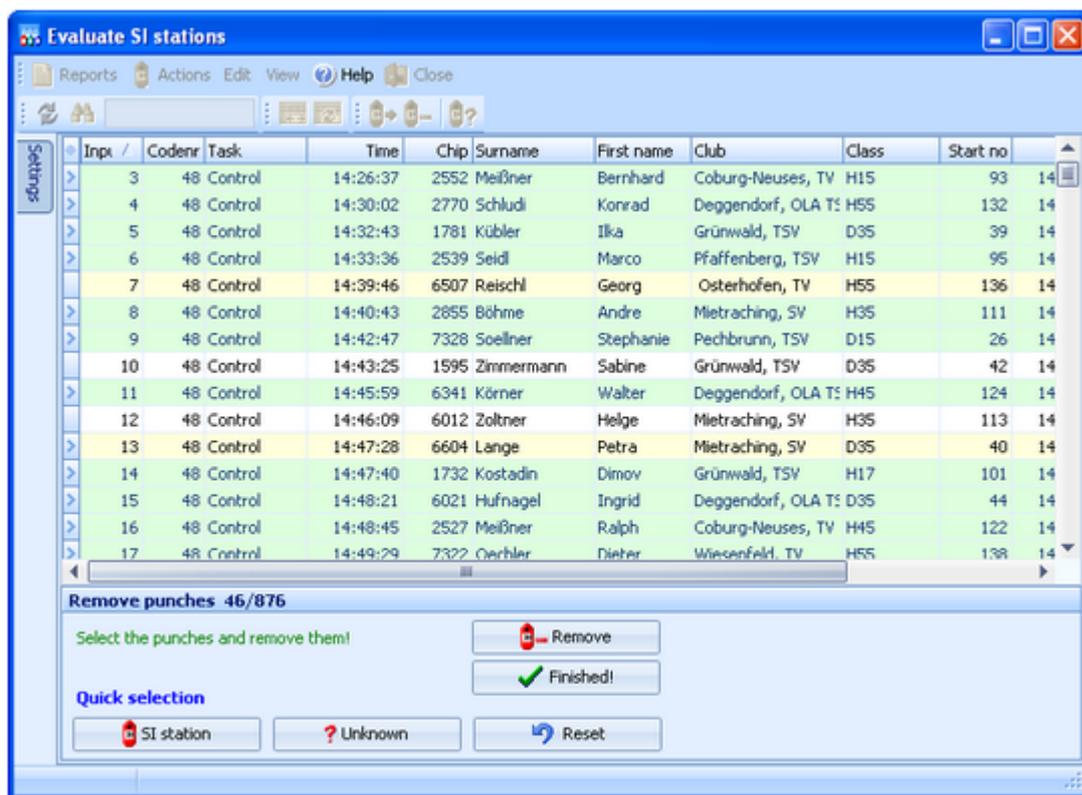
##### Download punches

This will open the [Download SI station backup](#) dialog. This dialog will stay on top of this form. You can work with the devices (maybe download several devices). Punches downloaded from the backup memory will be saved into the table. If necessary, you can close the device dialog and reopen it later with a click on the button. Besides its main purpose (downloading), the device dialog offers some additional maintenance functions. It is recommended to look at

the [Download SI station backup reference](#) for more details.

### Remove punches

You can remove unwanted punches. F.ex. if punches had been downloaded and truncated to the wrong resolution.



In this mode, you can select multiple punches. Unlike with the report selection, you have to **Ctrl-Click** to select the records. Normally, you will use the **Quick selection** buttons. **SI station** selects all punches from the same station like the currently selected punch. **Unknown** selects all punches with unknown SI Cards which may stem from previous events. Use **Reset** to unselect the punches and try again.

Click on **Remove** to remove the selected punches. It is recommended to remove the punches in several steps using the quick selection, so there is no need to select all at once manually.

If you are finished with that, then click the **Finished!** button to return to normal working mode.

### Find not started competitors

As usual, every competitor must do a **check punch** before the start to ensure that his SI card had been cleared properly. You can use this to find the not started competitors. Look at the [Find competitors who did not start reference](#) for more details.

## – Reports

The **Punches report** supplies a list of all downloaded punches.

The **SI stations report** gives a list of all download actions.

For general information about reports, see the [reports reference](#).

## – Special hints for multadays

If you are working on a multiday event, then you will see the **stage selector**. See the [stage selector reference](#) for more information.

### See also

[Running the competition - Task based help](#)

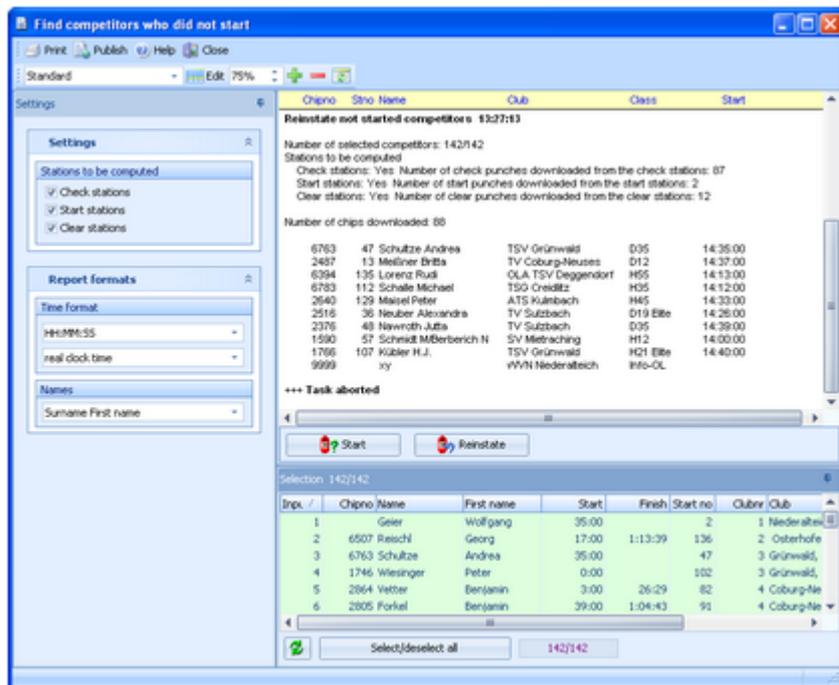
[Advanced competition day tasks - Task based help](#)

[Download SI station backup](#)

[Find competitors who did not start](#)

### 5.7.11.1 Find competitors who did not start

As usual, every competitor must do a [check punch](#) before the start to ensure that his SI card had been cleared properly. You can use this to find the not started competitors.



In addition or as an alternative to the check punches, you can also use the clear and start punches for this function. When the start is over, [download the punches](#) of all required stations. See the [Evaluate SI stations reference](#) for more details. If necessary, you can narrow down the procedure by selecting the desired competitors at the bottom. Click on **Start**. You will get a report of all competitors who do not have a check/clear/start punch together with some overall numbers of downloaded punches.

[Cancel](#) this action if you are not sure if you had downloaded all required stations. You can print the report and check it out. If you continue with **Yes**, then all reported competitors will be [set to Not started](#). Print the report.

Of course, it is no problem if competitors had been caught by this function by mistake. If you download more stations later and repeat this function, then all actually started competitors will be reset to OK.

The final status of a competitor will be defined when downloading his SI card in the finish.

Of course, there is an [Undo](#) function available. Click on **Reinstate** to reinstate those competitors to OK, who had been previously set to Not started (may be by mistake). This task affects all competitors who don't have the required punch and did not download their SICard, but are set to Not started.

## – Customizing the settings

The [Settings](#) tab has two paragraphs.

### Settings

#### Stations to be computed

Select the types of stations which you want to compute here. By default, all 3 types are preselected.

### Report formats

#### Time format

The times will be displayed according to this setting.

#### Names

The names will be displayed according to this setting.

## – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

In this form, the stage selector is deactivated just for display purposes. The form will always use the stage only by which it had been invoked from the [Evaluate SI stations](#) form.

### See also

[Running the competition - Task based help](#)

[Advanced competition day tasks - Task based help](#)

[Download SI station backup](#)

[Evaluate SI stations](#)

## 5.7.12 Reports (Finish)

There are some check reports which help you mainly towards the end of the competition. You find them in the main menu under **Competition day**.



There are some [special options](#) in the reports which should be explained here.

**Time format** The times in the report will be displayed according to this setting.

**Names** The names in the report will be displayed according to this setting.

For general information about reports, see the [reports reference](#).

Please observe some special hints for the reports.

### Missing competitors

This report shows which competitors are still missing at the finish. At the beginning you will get a summary by classes, below a list of those competitors. A complete result list must also include them. If you [set them to dns or dnf](#), then they will no longer appear in this report. For more details see the [Evaluate chips](#) or [Finish times \(independent\)](#) references.

In addition to this main section, there are three other sections which show competitors with [missing finish times](#), competitors with a [finish time but no chip downloaded](#) and completely [not registered chips](#) which had punched the start station.

**SportIdent only:** If you had [read the backup memory of start or finish stations](#), then the punch times from those stations will be displayed and marked by #. From the start, start stations and/or check stations will be computed.

### Not classified competitors

This is a report about those competitors (not only mispunched).

### Finish times

This report gives a simple list about the finished competitors. You may select the right sort order and select the required range. F.ex., if you are interested what happened in a specific time range, just sort by finish times and select the right times.

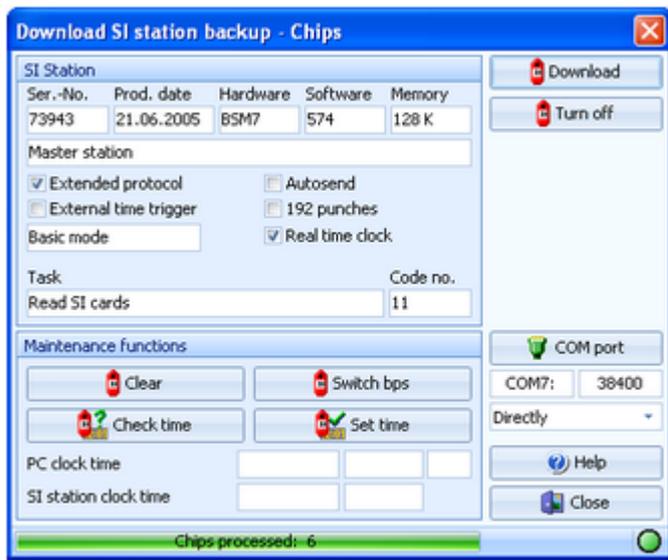
## See also

- [Evaluate chips](#)
- [Evaluate SI stations](#)
- [Finish times \(independent\)](#)

### 5.7.13 Download SI station backup

SI controls and master stations have an internal backup memory to save punches and SI cards there. You can download them and insert them into the event. Depending on the context, this dialog accepts either master stations (Read SI cards) or ordinary stations (controls, start, finish, check stations) only. For more information about the forms from where this dialog can be invoked, see the [Reading device backup reference](#) or the [Evaluate SI stations reference](#).

Although the dialog keeps staying on top of the invoking form, you can keep it open, download here and work alternatively in the underlying form with the insert operations.



The main purpose of this dialog is to download the contents of the backup memory. However, there are also some maintenance functions available. Every function first reads and displays the SI device characteristics and then continues with its special task. All actions will be protocolled in the form from where you had invoked the dialog.

#### Download

Depending on the context, the chips or the punches will be downloaded from the station's memory and they will be sent to the form from where the dialog had been invoked.

**Notice:** At the end, the underlying protocol shows the number of [downloaded chips](#) and the number of [invalid chips](#). Those may be the result of frequent read errors which may one of the following reasons.

1. [You are downloading an old BS6 or earlier through a new BS7/8 master station.](#) Then switch the speed of the master station, see below.
2. If your [master station and the downloaded one are of the same version](#) or you are downloading the [master station directly](#), then this could be caused by connection problems and/or USB- or COM port driver problems. First try at another PC if there is the same problem. Perhaps you will have to check and reinstall your driver. Also check out if there are unnecessary programs running in the background which may slow down the computer's performance.

#### Turn off

Since in most cases you don't want to have the station running another couple of hours, you can turn it off, just like using the Off stick.

#### COM port

This invokes the [Serial port settings](#) dialog. Select the right port. The speed in bps should be adjusted automatically.

#### Directly/Master

Decide whether you want to read the connected SI station [directly](#) or whether to use it as [master station](#) to compute other (control) stations.

#### Clear

Clears the backup memory. In the normal case, this is useful for all stations BSF7 and newer.

**Switch bps**

Switches the speed of a BSM7/8 master station from 38400 to 4800 and vice versa. The lower speed will be recommended when downloading from old BS6 and previous stations in master mode, to avoid read errors.

**Check time  
Set time**

Checks or sets the station's clock time with the PC clock time. The result will be displayed in green or red colour.

PC clock time	23.03.2010	19:14:20	,187
SI station clock time	23.03.2010	19:14:20	

**See also**

[Handling the chip system devices](#)

[Reading device backup](#)

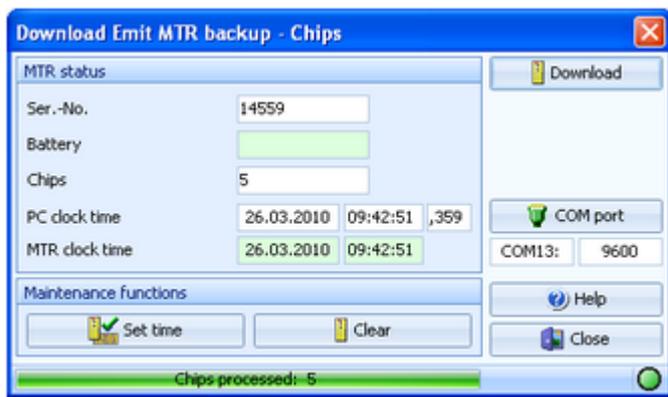
[Evaluate SI stations](#)

[Serial port settings](#)

**5.7.14 Download Emit MTR backup**

The Emit MTR has an internal backup memory to save ECards there. You can download them and insert them into the event. This dialog is invoked by the [Reading device backup](#) function if you are using the Emit chip system.

Although the dialog keeps staying on top of the invoking form, you can keep it open, download here and work alternatively in the underlying form with the insert operations.



The main purpose of this dialog is to download the contents of the backup memory. However, there are also some maintenance functions available. Every function first reads and displays the MTR characteristics and then continues with its special task. All actions will be protocolled in the log window of the form from where you had invoked the dialog.

**Download**

The chips will be downloaded from the MTR's memory and they will be sent to the form from where the dialog had been invoked.

**Notice:** At the end, the underlying protocol shows the number of [downloaded chips](#) and the number of [invalid chips](#). Those may be the result of frequent read errors which may be caused by connection problems and/or USB- or COM port driver problems. If you have many read errors, then first try at another PC if there is the same problem. Perhaps you will have to check and reinstall your driver. Also check out if there are unnecessary programs running in the background which may slow down the computer's performance.

**COM port**

This invokes the [Serial port settings](#) dialog. Select the right port. The speed in bps should be preset automatically.

**Clear**

Clears the backup memory.

**Set time**

The MTR clock time is checked against the PC clock time when its properties are read. The result will be displayed in green or red colour. If necessary, you can set the MTR clock time.

PC clock time	26.03.2010	09:42:51	,359
MTR clock time	26.03.2010	09:42:51	

## See also

[Handling the chip system devices](#)

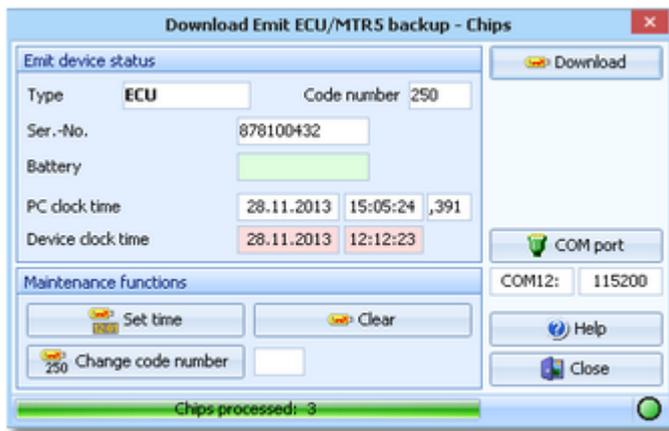
[Reading device backup](#)

[Serial port settings](#)

### 5.7.15 Download Emit ECU/MTR5 backup

The Emit ECU/MTR5 has an internal backup memory to save EmiTags there. You can download them and insert them into the event. This dialog is invoked by the [Reading device backup](#) function if you are using the Emit chip system and EmiTag.

Although the dialog keeps staying on top of the invoking form, you can keep it open, download here and work alternatively in the underlying form with the insert operations.



The main purpose of this dialog is to download the contents of the backup memory. However, there are also some maintenance functions available. Every function first reads and displays the ECU/MTR5 characteristics and then continues with its special task. All actions will be protcolled in the log window of the form from where you had invoked the dialog.

#### Download

The chips will be downloaded from the ECU/MTR5's memory and they will be sent to the form from where the dialog had been invoked.

**Notice:** At the end, the underlying protocol shows the number of [downloaded chips](#) and the number of [invalid chips](#). Those may be the result of frequent read errors which may be caused by connection problems and/or USB- or COM port driver problems. If you have many read errors, then first try at another PC if there is the same problem. Perhaps you will have to check and reinstall your driver. Also check out if there are unnecessary programs running in the background which may slow down the computer's performance.

#### COM port

This invokes the [Serial port settings](#) dialog. Select the right port. The speed in bps should be preset automatically.

#### Clear

Clears the backup memory.

#### Set time

The ECU/MTR5 clock time is checked against the PC clock time when its properties are read. The result will be displayed in green or red colour. If necessary, you can set the ECU/MTR5 clock time.

PC clock time	27.11.2013	18:55:23	,304
Device clock time	27.11.2013	12:00:13	

#### Change code number

For ECU/MTR5, the code number has a special meaning. It defines how the chip reading process behaves. For use with OE2010, the code number must be set to 250-253. Emit also defines numbers of 240-243, but this can't be used with OE2010.

## See also

[Handling the chip system devices](#)

[Reading device backup](#)

[Serial port settings](#)

## 5.8 Results

You find the result reports under the main menu topic *Results*.

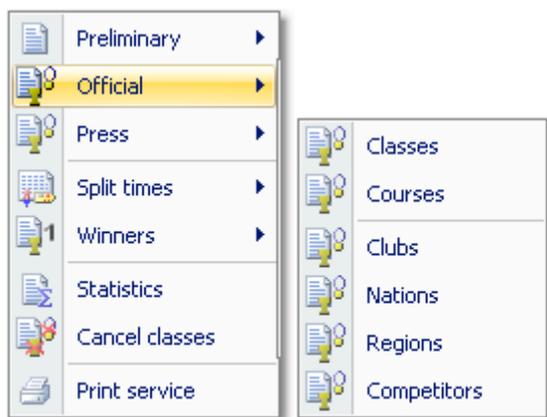
See more details in the [next topic](#).

At large competitions, you may like to offer a [special print service](#) to the competitors.

Sometimes you may have to [cancel the race](#) or a single stage at multiday events for several classes.

### 5.8.1 Result Reports

There are various result reports. You find them in the main menu under *Results*.



The titles should be self-explaining.

**Notice:** Use only the Preliminary results during the competition. Only those have an indication at the top of each class/course, how many runners are still missing. Use the other formats after the competition only.

Since the results by classes are the most popular ones, they are also available via the [results toolbar button](#) .

There are some [special options](#) in the reports which should be explained here.

[Time format](#)

The times in the report will be displayed according to this setting.

[Names](#)

The names in the report will be displayed according to this setting.

[Competitors sorted by](#)

This is available for club results. Within a club the competitors will be sorted by the selected field.

[Preliminary results:](#)

[Large format \(2 lines\)](#)

There are two lines per competitor to allow very large font sizes.

[Official club results:](#)

[Extended format](#)

The extended format displays the leading competitors per class together with the competitors of the club. You can define how many leading competitors should be shown.

The official [results by nations or regions](#) are displayed in the same extended format and include all runners of all clubs of the respective country or region.

For more information about nations and regions, see the [Clubs reference](#).

[Split times:](#)

[Extended format](#)

This is available for split times by classes or courses. The extended format includes placings for all split and lap times.

[Quick selection: type 1 or type 2](#)

This is available for class reports. You can use this to select all classes with the desired class types by checking them. For more information about class types see the [Classes reference](#).

[How many competitors?](#)

Set those options to get shortened results for the press etc.

[Seperate classes](#)

This is available for official and preliminary results by courses, but only if there is at least one class running on individual courses. If checked, then the courses will be separated by course and class. Select the right [sort order](#) for the classes from the listbox.

[Seperate courses](#)

This is available for official and preliminary results by classes, but only if there is at least one class running on individual courses. If checked, then the classes with

individual courses will be separated by class and course. Select the right [sort order](#) for the courses from the listbox.

For general information about reports, see the [reports reference](#).

## Press results

This format is available by clubs, regions and nations. It is similar to the respective official extended formats (see above). The difference is that the result is shown by classes including all competitors of the selected clubs/regions/countries in the same class list plus the specified number of leading competitors. These extended reports are especially designed to create **customized result reports for the press**.

## Automatic reports

With results by classes or courses, there is an additional option panel available:

Automatic report

Click on the title to expand it:

Set the right [Refresh interval](#). The sample report will be refreshed every 10 seconds. However, this is not recommended to avoid huge workloads on the server and the network... Additionally, you can define which action(s) should be performed after every refresh. You can [print](#) the report, print it on [labels](#) and create [PDF](#), [publish](#) or [export](#) files. The appropriate setup dialogs will appear only once at the beginning. It is even possible to activate or deactivate those options during the running automatic task.

You can also have the report [scrolling automatically](#), f.ex. if you want to expose a running PC screen to the public. Since the report always jumps to the beginning when it is refreshed, it is wise to have the refresh interval large enough so that the whole report can be displayed.

Click on the [Start](#) button to start the automatic report.

[Preliminary results by classes](#) provide the additional [Display](#) option.

If checked, then only those classes will be included in the report where there had been a change since the last printout. Click on the [Reset](#) button to include all classes again with the next printout.

## Point score results

These are the point scoring results for multadays, formerly implemented in the add-on MtPoints. Point scores are available with multadays only and there mainly for [All stages results](#). The [only single day result](#) where the points can be displayed, is the [preliminary result by classes](#). Note that the points will be displayed in the Time diff column there. If point scoring is available for a particular report, then there is an additional option panel available:

Point scores

To calculate and display the points instead of times, check the option [Compute point scores](#) and refresh the report. Before the refresh, you should define the right settings.

Select the [scoring method](#) how to calculate each competitor's points. For more details, see below. Define [how many results](#) until the current stage should be taken to calculate the overall point score. Usually, it is allowed to eliminate one result, e.g. take the 4 best out of 5 results. Select the right stage to show the overall result after this stage. Define the [Precision](#) by the number of [Decimal places](#) and how they should be calculated ([Rounded](#) or [Truncated](#)).

If you have few but not all classes with a chase start, it may be necessary to display their results in an extra step with the appropriate number of valid stages.

## Standard

A competitor's points are given by

$$1000 + 200 * (\text{Mean time} - \text{competitor's time}) / \text{standard deviation}.$$

Mean time and standard deviation are calculated from all running times of the class. This formula is the mathematical standard for normalizing data. It is often used in sports to allow to add results which have to be measured by different units. In orienteering, a similar formula is used for the world rankings. Multi day events with a [chase start](#) should use this formula.

With the [Preliminary stage results](#), you can display the current parameters (mean time=1000 points and points per minute) in the class extra line. Activate this line in the report layout editor, if necessary.

## 1000 Points

A competitor's points are given by

$$1000 * \text{winner's time} / \text{competitor's time}.$$

This formula had been used at the Scottish 6days in former times, thus it had been called the [Scottish method](#) in previous versions. Of course it will determine the correct winner. However, the point score of the remaining competitors depends extremely on the winning time and the terrain specific time differences. Thus the calculation of [chase start times](#) may be not objective enough.

## Per cent

Define the [Maximum points](#).

A competitor's points are given by

$$\text{Maximum points} - (\text{competitor's time} - \text{winner's time}) / \text{winner's time} * 100.$$

In other words, the point score is the maximum value minus the time difference as a percentage. A maximum value of 100 means that all competitors who are more than 100% behind the leader (the doubled winning time), will get zero points.

This method is being used for many national and regional ranking systems. It is also suitable if you are performing a [chase start](#).

## Danish

Define the [Maximum points](#).

A competitor's points are given by

$$\text{Maximum points} - \text{difference to the winner in full minutes}.$$

Only full minutes count for the difference. That means that all competitors within the same difference minute will get the same points. Especially, all competitors within less than one minute will get the maximum points like the winner. This method comes from Denmark.

## Brazilian

This is a special algorithm used in Brazil. Shortly said, the best 35 places will be awarded points with special credits for the first 3 places, similar to cars' Formula1. There are special rules how to decide places with the same points, based on the running times and on how many races those competitors had finished.

## Welsh

This is a special calculation which is used at the Croeso Multidays in Wales.

A competitor's points are given by

$$1250 + 600 * (\text{ParTime} - \text{competitor's time}) / \text{ParTime}.$$

[ParTime](#) is the average time of the leading 50% of starters. [Starters](#) mean all those who have started, no matter if they have a valid result. So mped etc. count for this number. If less than 50% of the starters have a valid result, then the ParTime is taken as the average time of 90% of all those with a valid result. The ParTime can be calculated either [based on the current class](#) only or [based](#) on all classes (competitors) who ran the same [course](#). If you want to use the second choice, then leave the option [Course method \(Welsh\)](#) checked, which is the default, otherwise uncheck it.

## Special result: chase start

If you calculate multiday results by points and based on that calculate the chase start, then you need this special format for the overall results. Because then only the run in after the chase start counts as the result and not a sum of points or times.

**Notice:** this report is [useful only](#) if you had calculated the chase start times based on [point scores](#). With a "normal" chase start based on overall times after the last but one stage, the report looks also reasonable. However, by design (and the nature of this report), all competitors who were outside the chase start limits will get overtuned as the result, since their chase start times do not accord to their differences to the leader.

## Teams

There is only a single line for each team. This is also the case in CSV export files!

For more details, see the [Handling teams - Task based help](#) and the [Entries reference](#).

## Label layouts

All result reports of the same kind are using the same pool of label layouts. F.ex. all split results are using the same split time sheet layouts. That means f.ex., if you modify a layout in the split times by classes report, this will also be used in all other split results.

## CSV export

All reports can be exported to CSV format. The record structure is given in the header line within the output file (format header). This file has the same structure as the input file required by the [event import](#). Thus it is possible to export and re-import the event as often as it is required. Note that there are different formats for exporting single day reports (also from multiday events) and multiday reports with all stages. Split times can't be reimported into the event.

**Notice: The CSV file format has been changed from V.10.x to V.11.0!!**

## XML export

You can export the result reports into the [IOF standard, document type ResultList](#). You can select between XML V2 and V3. If possible, then the newer format is to be preferred. This export is possible with the report sorted [by classes](#) only, because this IOF document type requires that sort order. However, OE2010 also allows the reports [by courses](#) to be exported into that format. The courses will appear as "classes" in that XML document. Note that there is the same format for both multidays and single days.

For more details, see the [exports reference](#).

## Special export formats

For some reports, there are special formats available.

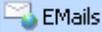
### *Compressed text for press (txt)*

This format is available from the press results and the official results by classes or courses. This output can be easily used by the press or for other purposes to embed the results in a compressed text format into a surrounding text by copy and paste. Be sure to select the classified only, which should be reasonable for press results.

### *Special format: Finland*

This format is available from the official result by classes. It is required by the Finnish O fed. Be sure to select all competitors here since this file must include the mispunched etc.

## Sending emails

Display a result report by clubs. In the report's menu, you will then find the [Send EMail](#) button . Click on it to send each club its own results. It would be even possible to send the split time sheets (printed to PDF labels) to every club after the event. This requires an email address to be entered with the club address. For more details, see the [Send EMail reference](#).

## Notice

If you are working on a *multiday event*, you will see the option  All stages  This stage only on top of the report menu items. [All stages](#) shows the reports including relevant columns for all stages (f.ex. start times), while [This stage only](#) will show the same report for this stage like for a normal single day event.

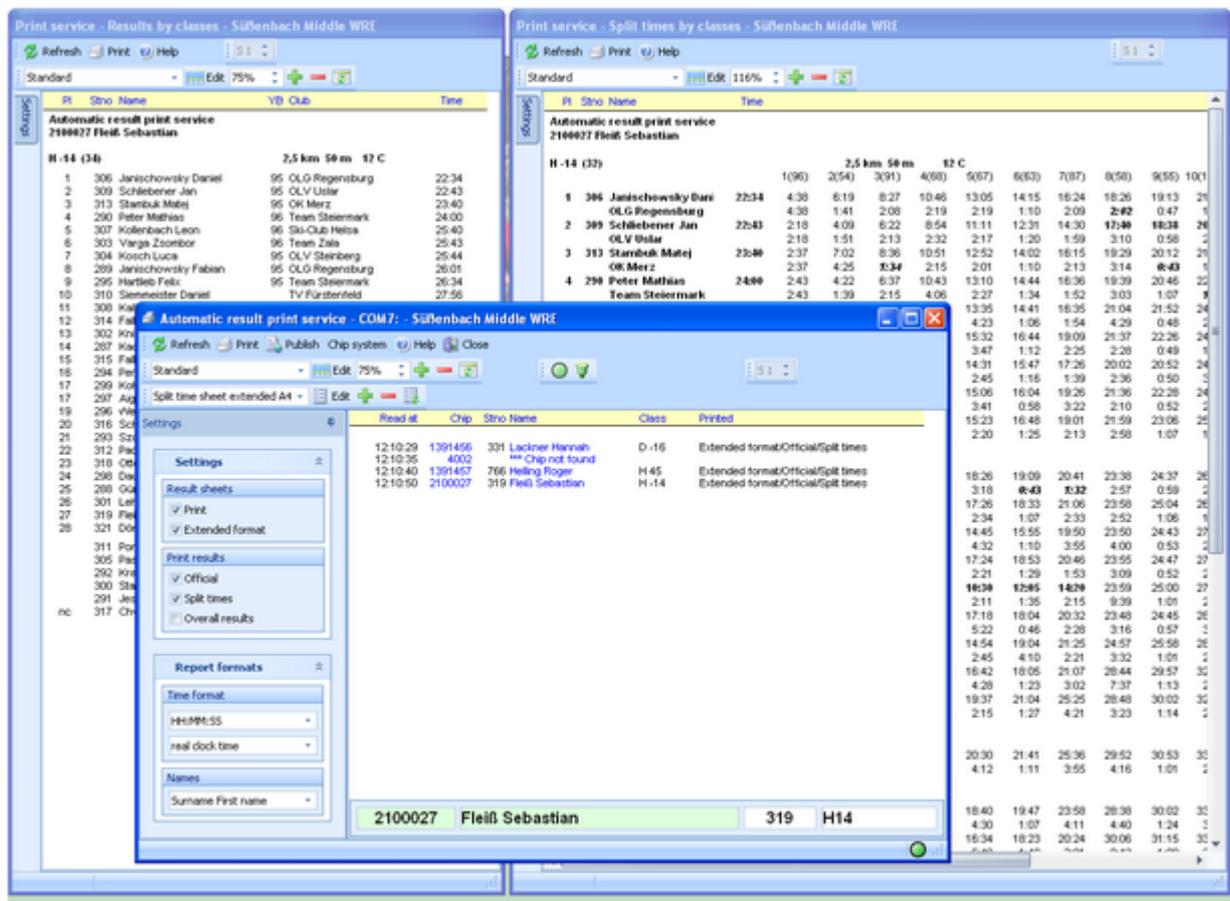
## See also

[Reports reference](#)

[Prize giving](#)

## 5.8.2 Automatic result print service

Using this result print service function, you can offer a *print service point* at your competition, where the competitors can get a result list of their class and their own split time sheet, using their chip as the key.



Define which documents in which appearance a competitor should receive from the printer: *result sheet*, *official class results* and/or complete *class split time results*. At multiday competitions, also the *overall result* is available. The competitor inserts his chip into the attached reading device and he will get the right documents printed.

The function will open extra windows for every selected report. In the log window you see what had happened. At the beginning, as well as every time you select a document or another label layout for the split time sheet, the *Printer Dialog* will pop up which belongs to the respective report. Select the right printer and the page format. The settings will then be used for all printouts of the respective report.

The functions for the *handling of the chip reading device* are provided by the menu item *Chip system* and the *Chip system* toolbar. See the *Handling the chip system devices reference* for more details.

### – Customizing the settings

The *Settings* tab has two paragraphs.

#### Settings

These settings define the behaviour of this function.

##### Result sheets - Print

Define whether the personal result sheet of the competitor should be printed.

This option is especially useful if you want to provide the extended result sheet with all placings (which are complete at the end of the race), in addition to the normal sheet handed out in the finish.

##### Result sheets - Extended format

You can print the sheets in normal format or in *Extended format*. When switching this option, a different pool of label layouts will be loaded. In addition to the normal sheets, the extended format sheets show the current places on all split times, the current leaders on each split/int. time as well as the current result standings of the competitor's class.

So you can hand out complete results to every competitor towards the end of the competition.

#### Print results

Select which kind of results should be printed for the competitor. See also the paragraph below.

### Report formats

#### Time format

The times will be displayed according to this setting.

#### Names

The names will be displayed according to this setting.

## – Customizing the result reports

If you *select* the official and/or split time results to be printed, OE2010 will open an extra result report window for every result type. At the beginning, the accompanying [Printer dialog](#) will pop up and ask you to select the printer and do the necessary settings. This will be used for all subsequent printouts.

You can activate the (still empty) result report window and *customize* the report as usual. See the [Result Reports reference](#) for more details. **Notice:** if you *switch between the extended and non-extended formats* of the split time results, be sure to *refresh* the report (even if it is empty), to get the changes working.

If you *unselect* a report option, then OE2010 will close the respective report window.

## – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

In this form, the stage selector is deactivated just for display purposes. The form will always use the stage only by which it had been invoked from the main menu.

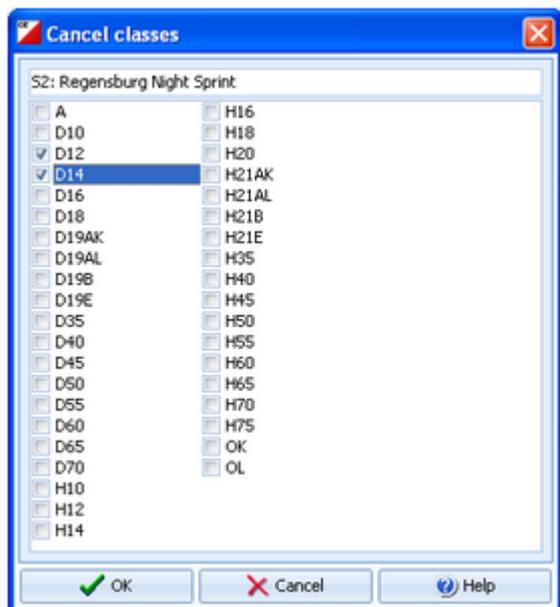
### See also

[Result Reports](#)

[Advanced competition day tasks - Task based help](#)

## 5.8.3 Cancel classes

Unfortunately, you may have to cancel the race or a single stage at multiday events for several classes due to wrongly situated controls or other reasons.



Check the cancelled classes in the list. Uncheck a class to reset it. Acknowledge by **OK**.

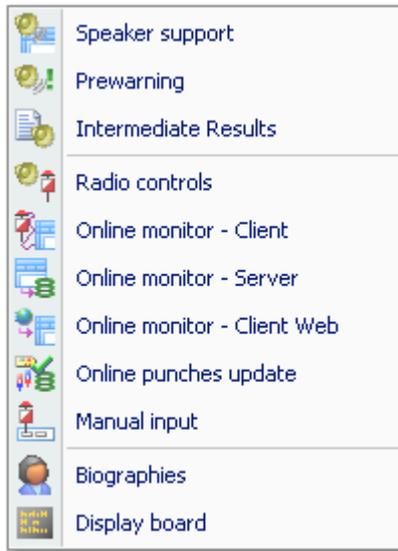
The result of a cancelled class does not show the places.

With multadays, the stage result of cancelled class does not show the places. Reporting overall results, results of the cancelled stage will be shown without places and they will not be included in calculating the overall times.

## 5.9 Speaker

The **Speaker** main menu topic offers you all functions which you need to operate for the speaker support and the handling of the online controls.

This main menu item is available only if your license allows that, f.ex. OE2010 **Pro** version.



The main purpose of this function group is the [Speaker support](#) window. To watch the competitors' flow at a specific point, the [Prewarning](#) function is designed for.

You can print [intermediate results](#) from each radio control and publish them in the finish area.

To retrieve any online information for the speaker, you need to define the [Radio controls](#), set up those controls and collect the punches from there. For performance and reliability reasons, the [online monitor](#) is split into a [direct client](#), a [web client](#) and a [server](#) part. There is a flexible function available which you can use to [update and validate the online punches](#) against the chips after they had been downloaded in the finish.

You can also enter intermediate times [manually](#) from (radio-) controls which are not connected online.

For top level events, you can prepare [biographical information](#) for each competitor which can be displayed in the speaker window.

OE2010 provides a DLL interface which 3rd party developers can implement to [drive an external display board](#).

### See also

[Speaker support - Task based help](#)

[Running the competition - Task based help](#)

[Time taking - Task based help](#)

## 5.9.1 Speaker support

This function provides online information for the speaker.

Stno	Place	Time	Diff.	Name	Club	Start	2 (75)	D 2 (75)	Finish punch	D Finish punch
51		-18:04		Beerlein Uwe	TSV Grünwald	11:15:00				
50		-15:04		Lange Peter	SV Mettraching	11:12:00				
49		-12:04		Wurpes Werner	TSG Creditz	11:09:00				
48		-9:04		Liebl Siegfried	TV Osterhofen	11:06:00				
47		-6:04		Lexen Dieter	OLG Regensburg	11:03:00				
46		-3:04		Scheler Thomas	TV Coburg-Neuses	11:00:00				
45		-0:04		Böhme Andre	OLG Regensburg	10:57:00				
44		2:56		Schubert Jürgen	TV Coburg-Neuses	10:54:00				
43		5:56		Zöllner Helge	OLV Landshut	10:51:00	23:00 (4)		+13:58	
42		8:56		Effen Hans - Jürgen	OLG Regensburg	10:48:00				
41		11:56		Kohemanns Art	TSV Grünwald	10:45:00	29:22 (7)		+20:20	
40		14:56		Eberbeck Robert	OLG Regensburg	10:42:00	9:02 (1)		0:00	
39		17:56		Baath Veikko	TSV Grünwald	10:39:00	11:21 (2)		+2:19	
38		20:56		Biller Georg	Bemried	10:36:00				
37		23:56		Stengel Frank	TV Coburg-Neuses	10:33:00				
35	1	31:29	0:00	Corou Georgehe	TV Coburg-Neuses	10:27:00	25:33 (5)		+16:33	31:29 (1)
33	2	31:30	+0:01	Schnewly Stephan	OLG Regensburg	10:21:00	19:02 (3)		+10:00	31:33 (2)
32		38:56		Vakant	Vakant	10:18:00				
31		41:56		Vakant	Vakant	10:15:00				
36	3	44:22	+12:53	Greiner Martin	TSV Grünwald	10:30:00	55:33 (8)		+46:33	44:22 (3)
34	4	58:00	+26:33	Rieh Hans-Joachim	TSV Grünwald	10:24:00	28:33 (6)		+19:33	58:02 (4)

Select the **class** on the top panel. You can open multiple windows for different classes and watch them. See the paragraph below for more details.

Adjust the table layout as usual to meet your requirements. You can use any sort order to find a competitor quickly. However, the most time you will have the table sorted by times. After having the columns in the right order, it is a good practice to use the **Optimize** button to adjust the column widths. If you feel unsure about how to adjust the table layout, have a look into the [Data grid reference](#).

In the table, the running times of all competitors are shown. Not yet started competitors are displayed with **running negative** times until they have started.

If you are collecting the finish punches by the [Online Monitor](#), you will see time and place of a competitor immediately after he had finished. As long as this time is unofficial (only from the finish punch), it is marked with **orange** colour. After the code checking (reading the chip), the colour will disappear indicating that now the time is official.

Because the speaker will talk about final results the most time, it is a good idea to **sort the table by time**. The running times of the not yet finished competitors will be sorted into the current result. Thus you can see very easily which place the next expected competitor can achieve.

If there is a **new time** (of any kind) for a competitor, his name and the time will be **highlighted**. Use the **Highlighting** setting to define a maximum place up to which the times should be highlighted. This gives you a better overview with large classes.

The speaker can talk about the highlighted information and afterwards the operator can **clear the marking** by doubleclick. You can also **highlight a competitor** manually to direct the speaker's attention to this incoming competitor and his running time. You can define a time interval after which the highlightings should be **cleared automatically**.

Use the **Highlighted** button to clear all markings quickly.

### Notice

It is most important that the **PC clock is exactly synchronized to the official event time!** The displayed running times are calculated using the PC clock.

If you are running multiple speaker windows concurrently, a high performance PC is required (minimum recommendation: 1GHz with 1GB memory).

After reading a chip, the online punches of this competitor will be updated by the [Online punches update process](#).

### – Customizing the settings

The **Settings** tab has three paragraphs.

## View

### Refresh intervals

Finish times

Split times

Define how often the table should be updated automatically. Use a low value for the finish times and a larger interval for the split times from the radio controls. Note that the split times value must be a multiple of the finish times value. OE2010 will adjust the split times value if necessary. Press **Apply** to get the new values into effect.

The default values are 3 seconds for the finish times and punches and 9 seconds for the split times. Shorter intervals will grant faster information for the speaker in the finish but this will increase the workload on the network and the PC. Increasing the intervals will have the reverse effect. You may test and decide what are the best values for you. The standard values have proved to be suitable at large events. Shorter intervals will be better f.ex. at sprint events.

You can define a **maximum place** up to which new incoming times should be highlighted. This gives you a better overview with large classes.

The highlightings will be **cleared automatically** after the period you have entered.

### Highlighting

Only first

Clear after

Checking this option will display a sliding panel at the bottom where you can see the biographical information of the current competitor. You may have marked several competitors as **VIPs**. They will be **highlighted by purple colour** to attract the speaker's attention.

See the [Biographies reference](#) for more information.

### Display biographies

## Radio controls



Select the controls which you want to watch for this class. Press **Apply** to get this into effect.

There will be all controls in this list which you had defined in the [Radio controls dialog](#) and which are actually on the course of this class.

Classes with **individual courses** can also be processed. Obviously a radio control must be one which is passed by all competitors of this class. To get this working in the right way, there is a simple solution available. **Please read** the [Handling individual courses reference](#) carefully!

## Report formats

Time format

The times will be displayed according to this setting.

Names

The names will be displayed according to this setting.

## – Special functions

### Selecting competitors to watch

If the class has many competitors, you can reduce the view on the interesting competitors. Check them in the leftmost column. Then check **Show selected competitors only** on the top panel. To return to the whole class (or to select additional competitors), deselect this option.

### Start number quick search

Enter the start number of an announced competitor and press **Enter**. Then this competitor will be highlighted in the table.

### Highlighting a competitor

To highlight or reset a competitor manually, **doubleclick** him.

### Clear invalid intermediate time

Due to mispunch, sometimes an invalid intermediate time can appear in the table which puzzles the speaker. To

remove such a time, click on the [Clear](#) button  at the top panel. Then you are asked to click on the invalid time to clear it. You have to confirm this action explicitly. To abort the task, simply click elsewhere in the table, press the [Esc](#)-key or cancel the confirmation prompt.

### – Working with multiple speaker windows

You can open multiple windows for different classes and watch them. Arrange them on the screen like you need. OE2010 will save the properties of each window separately. This means, after closing and reopening the speaker windows, they will be arranged in the same manner and they will display the same class again. Of course not all settings are separate, like the order of the columns and the update intervals. Just try yourself to experience this. Please have in mind that both the update interval and the number of open speaker windows determine your PC's performance. See also on top of this topic.

### – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

In this form, the stage selector is deactivated just for display purposes. The form will always use the stage only by which it had been invoked from the main menu.

Check [Overall time](#) to watch the running overall time instead of the time in the current stage.

### – How to work with a chase start at multadays

To get the best out of the speaker window at a chase start stage, please observe the following hints.

#### **Display the overall times**

Check this option to display the overall times. Then you will see that all competitors in the chase start (obviously) have the same time, while those outside the chase start normally have longer running times, depending on their start times.

But this may be not sufficient, since the chase starters are displayed in an arbitrary order, while you want to see them according their rankings before the chase start (= start order). So, then additionally

#### **Sort by start times!**

If you sort by start times, then you see a true picture of what is going on. If you prefer to have the table sorted by a radio control or the overall time, then first sort by this time column and additionally by start times. (*You remember: Shift-Click the second column...*)

### See also

[Prewarning](#)

[Display board](#)

[Handling individual courses](#)

[Speaker support - Task based help](#)

[Working in a network - Task based help](#)

## 5.9.2 Prewarning

With this function, the speaker can watch a particular control, preferably one near the finish area.

This function is also **valuable if you don't have online radio controls**. Just watch the **finish!** The finish times will appear in the display after the competitor's chip had been downloaded.

Compared to the [normal speaker window](#), it is recommended to use this function if you want **to observe several classes simultaneously**. Just select the right classes and display the quick result when it becomes necessary.

The screenshot shows the OE2010 software interface. The top panel displays a list of punches with columns for No, Punch, Time, Place, Strno, Class, Name, and Club. The bottom panel shows a 'Quick result - H10E' list with columns for Strno, Place, 13 (67 /), Diff., Name, and Club.

No	Punch	Time	Place	Strno	Class	Name	Club
13	14:56:20	1:32:20	63	293	H10E	Paganus Niklas	Lymx
13	14:56:41	1:20:41	58	299	H10E	Malmäsaainen Ville	Kalevan Rasti
13	14:57:14	1:19:14	56	300	H10E	Peltosen Elias	20-Pääjärven Rasti
27	14:57:28	1:41:28	30	39	H21E	Koistinen Olli-Pekka	Anttolan Urheilijat
13	14:58:02	58:02	7	311	H10E	Lövdal Victor	IF Femman
13	15:00:09	1:12:09	37	305	H10E	Heiska Samu	Pohjanjärven Rasti
13	15:00:22	1:14:22	45	304	H10E	Blonster Daniel	IF Sibbo-Vargarna
27	15:03:03	1:33:03	7	46	H21E	Sakkanen Johan	OK Orient
27	15:03:13	1:41:13	28	42	H21E	Wedeman Janne	Vehkalahden Veikot
27	15:05:16	1:51:16	43	38	H21E	Huhtanen Juha-Matti	Vaajakosken Terä
13	15:05:32	1:07:32	26	310	H10E	Tarvonen Ville-Matti	Kangasniemen Kallie
13	15:05:43	1:15:43	48	306	H10E	Suhonen Antto-Iiro	Kuopion Suunnistajat
27	15:06:01	1:24:01	9	47	H21E	Huovila Jarkko	Tampereen Pyrintö
27	15:07:13	1:07:13	2	51	H21E	Fohr Tero	Vehkalahden Veikot
27	15:07:23	1:41:23	29	44	H21E	Lukkonen Oskari	Delta
27	15:07:39	1:29:39	4	50	H21E	Merz Matthias	Rajamäen Rykmentti
27	15:08:17	1:34:17	10	48	H21E	Tervo Tuomas	Rajamäen Rykmentti
27	15:08:42	1:50:42	42	40	H21E	Kankaanpää Ylisa	OK77
27	15:11:34	1:43:34	35	45	H21E	Lakanen Jonne	Vaajakosken Terä

Strno	Place	13 (67 /)	Diff.	Name	Club
298	1	43:38	0:00	Vainio Eero-Matti	MS Parma
258	2	54:48	+11:10	Mariner Victor	IF Sibbo-Vargarna
322	3	55:07	+11:29	Hulkko Petteri	Vaajakosken Terä
270	4	55:26	+11:48	Vainio Antti	MS Parma
269	5	57:21	+13:43	Kynäläinen Severi	Tampereen Pyrintö
277	6	57:59	+14:21	Salo Niko-Petteri	Paimion Rasti
311	7	58:02	+14:24	Lövdal Victor	IF Femman
266	8	58:13	+14:35	Heinro Einar	Helsingin Suunnistajat
326	9	1:00:08	+16:30	Höll Mikko	Kangasala SK
268	10	1:00:25	+16:47	Peltola Tuomas	MS Parma

Select the **control** on the top panel. You can open multiple windows for different controls and watch them. If necessary, select the classes which you want to observe in the settings tab at the left. See the paragraphs below for more details.

Adjust the table layout as usual to meet your requirements. Normally the table should be sorted by the punch time. However, you can use **other sort orders** to get **special overviews**, f.ex. by class and time. But if you want to watch a class in this manner, then the **Speaker window** would be the better tool for that. After having the columns in the right order, it is a good practice to use the **Optimize** button to adjust the column widths. If you feel unsure about how to adjust the table layout, have a look into the [Data grid reference](#).

In the table you see all punches of the selected control which are inside your defined **time slot** backwards from now. Punches which get beyond the time limit will be swapped out of the view automatically.

If there is a **new punch** for a competitor, his name, current place and the time will be **highlighted**. Use the **Highlighting** setting to define a maximum place per class up to which the times should be highlighted. This gives you a better overview.

The speaker can talk about the highlighted information and afterwards the operator can **clear the marking** by doubleclick. You can also **highlight a competitor** manually to direct the speaker's attention to this incoming competitor.

Use the **Highlighted** button to clear all markings quickly.

By option, you can click on a competitor and display a **quick result list** of his class in the bottom panel. For more details, see the paragraph below.

You may have marked several competitors as **VIPs**. They will be **highlighted by purple colour** to attract the speaker's attention.

See the [Biographies reference](#) for more information.

## Notice

It is most important that the **PC clock is exactly synchronized to the official event time!** Otherwise the time slot will not work in the desired way.

If you are **viewing an older event** just for test purposes, you may not see anything in this window. That's because for calculating the time slot, OE2010 must use the event date. To see the punches, you will have to adjust the event date to the current day and maybe enlarge the time slot.

The places of the competitors at this control will not be updated automatically for performance reasons. If you wish that, then just **Refresh** the table.

## – Customizing the settings

The **Settings** tab has four paragraphs.

### Classes

This selection works just like the selection for reports. By default all classes are selected. You may select a few classes only to get a better overview, especially if you are watching the last control or the finish.

### View

Update interval  
Time slot

Define how often the table should be updated automatically and how long backwards the punches should be displayed.  
Press **Apply** to get the new values into effect.

The default values are an update interval of 5 seconds and a time slot of 30 minutes. A shorter interval will grant faster information for the speaker, especially for controls near the finish, but this will increase the workload on the network and the PC. Increasing the interval will have the reverse effect. Increasing the time slot will have a negative effect when refreshing the view, since the placing of every competitor at that control will be recalculated. You may test and decide what are the best values for you. The standard values have proved to be suitable at large events.

Scroll automatically

If there was a new punch, then the display scrolls to show that punch.

**Notice:** This is independent of the quick result, see below.

Highlighting  
Only first  
Clear after

You can define a maximum place up to which new incoming times should be highlighted.

The highlightings will be **cleared automatically** after the period you have entered.

### Quick result

Display  
Only first NN

Checking this option will display a sliding panel at the bottom where you can see the quick result of the current competitor's class. To improve performance and get a good overview, set the **Only first** value appropriately. See the paragraph below for more information.

Last punch automatically

If there was a new punch, then this record is focused and the right Quick result is displayed automatically.

Overall results

This option is visible for **multiday events only** after stage 1. You can choose whether the quick result should display the day result or the overall result.

### Report formats

Time format  
Names

The times will be displayed according to this setting.

The names will be displayed according to this setting.

## – Quick result

Stno	Place	13 (67 /	Diff	Name	Club
298	1	43:38	0:00	Vainio Eero-Matti	MS Parma
258	2	54:48	+11:10	Mansner Victor	IF Sibbo-Vargarna
322	3	55:07	+11:29	Hulkko Petteri	Vaajakosken Terä
270	4	55:26	+11:48	Vainio Ankti	MS Parma
269	5	57:21	+13:43	Kymäläinen Severi	Tampereen Pyrintö
277	6	57:59	+14:21	Salo Niko-Petteri	Paimion Rasti
311	7	58:02	+14:24	Lövdal Victor	IF Femman
266	8	58:13	+14:35	Heinonen Einari	Helsingin Suunnistajat
326	9	1:00:08	+16:30	Hölli Mikko	Kangasala SK
268	10	1:00:25	+16:47	Peltola Tuomas	MS Parma

Checking the option **Quick result - Display** will display a sliding panel at the bottom where you can see the quick result of the current competitor's class at this control. You can **click on any competitor** in the upper table to get the quick result of his class. There will be the first n places displayed which you had defined by **Only first** plus the competitor himself if he is outside this range. He will be **highlighted** in purple.

## – Working with multiple prewarning windows

You can open multiple windows for different controls and different classes and watch them. Arrange them on the screen like you need.

OE2010 will save the properties of each window separately. This means, after closing and reopening the prewarning windows, they will be arranged in the same manner and they will display the same control and classes again. Of course not all settings are separate, like the order of the columns and the update intervals. Just try yourself to experience this.

Please have in mind that both the update interval and the number of open prewarning windows determine your PC's performance. See also on top of this topic.

## – Special functions

### Highlighting a competitor

To highlight or reset a competitor manually, *doubleclick* him.

## – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

In this form, the stage selector is deactivated just for display purposes. The form will always use the stage only by which it had been invoked from the main menu.

From stage 2 on, you will be provided an [additional option for quick results](#) to [display the overall results](#). See above.

Also, on those stages, you have the possibility to display [additional columns for overall time](#), [-place](#) and [-time behind](#) in the table. You can set them to visible via the table layout menu when you open the prewarning window for the first time at a multiday event with stage 2 or higher. A subsequent usage of the prewarning at a single day event will hide them automatically.

**Notice:** For performance reasons, the overall results will only be calculated if the overall time column is visible. Thus you will have to refresh the table manually after displaying the column for the first time.

### See also

[Speaker support](#)

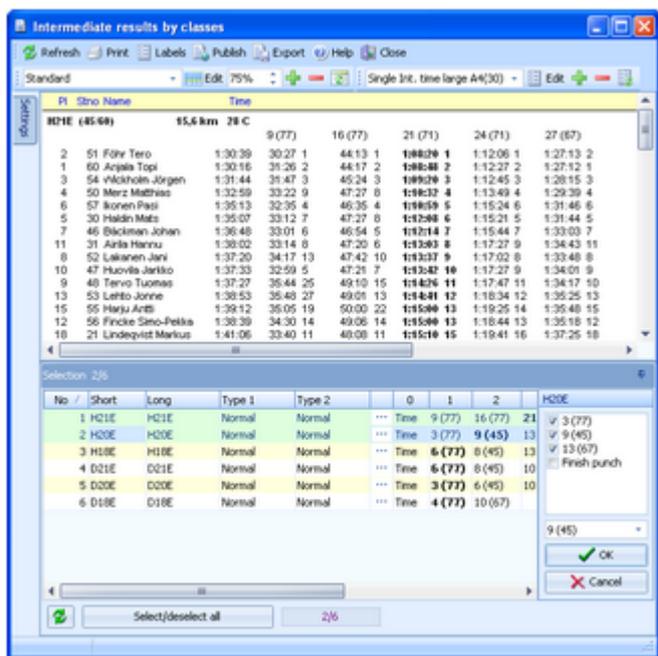
[Handling individual courses](#)

[Speaker support - Task based help](#)

[Working in a network - Task based help](#)

### 5.9.3 Intermediate results

During the competition, you can display and print the intermediate results from the radio controls.



You have the possibility to show any selection, a single one or all radio times of all classes, sorted by any column. Like with the [normal results](#), you can display [automatic reports](#) including automatic uploads to a web site. For more details, see the paragraphs below.

#### Notice

The report selection table only shows those classes which actually have [radio controls defined](#). Since the finish punch is inserted by default for all classes, and the finish punch does not matter here, those classes with the finish punch only are not included.

### – Customizing the settings

The [Settings](#) tab has three paragraphs.

#### Automatic report

See the paragraph below.

#### More options

Quick selection: type 1 or type 2

You can use this to select all classes with the desired class types by checking them. For more information about class types see the [Classes reference](#).

How many competitors?

The default setting is *Classified only* since the not classified may have irregular radio times if they gave up.

At large events, you may want to *print the best n* at every radio control only.

#### Report formats

Time format

The times will be displayed according to this setting.

Names

The names will be displayed according to this setting.

## – Selecting radio controls for each class

In the selection panel, the row for every class provides the **Select radio controls** button . Click on it to show the radio controls available for this class. Select the columns which you want to display and define the column by which the class should be sorted. Don't forget to save this by clicking **OK**.

Besides the Standard layout for multiple radio control columns, the report provides a second default layout called **Single Int. time Large**. This may be the most appropriate one for publishing intermediate results in the finish area. It displays the first selected radio time only. Please make sure that this column is also defined as the sort order.

You may check out the label layouts which may be a help for fixed large result boards like you have them at World championships.

## – Automatic reports

Click on the title to expand the Automatic report options:

Set the right Refresh interval. The sample report will be refreshed every 10 seconds. However, this is not recommended to avoid huge workloads on the server and the network... Additionally, you can define which action(s) should be performed after every refresh. You can **print** the report, print it on **labels** and create **publish** or **export** files. The appropriate setup dialogs will appear only once at the beginning. It is even possible to activate or deactivate those options during the running automatic task.

Click on the **Start** button to start the automatic report.

## – Exports

### CSV export

The report can be exported to CSV format. The record structure is given in the header line within the output file (format header).

**Notice: The CSV file format has been changed from V.10.x to V.11.0!!**

### XML export

You can export the report into the **IOF standard**, document type **ResultList**. You can select between XML V2 and V3. If possible, then the newer format is to be preferred.

For more details, see the [exports reference](#).

## – Special hints for multadays

If you are working on a multiday event, then you will see the **stage selector**. See the [stage selector reference](#) for more information.

In this form, the stage selector is deactivated just for display purposes. The form will always use the stage only by which it had been invoked from the main menu.

## See also

[Result Reports](#)

[Reports reference](#)

[Speaker support - Task based help](#)

## 5.9.4 Radio controls

You have to define all the controls explicitly which you want to monitor. This need not only to be "classic" radio controls, but all controls which you want to display for any class in the [speaker window](#).



Simply enter the code numbers one after each other and insert them into the list by the button  or **Enter**. Use the button  or **Del** to remove a control from the list. Refer to the functions linked at the bottom to see how this definition is used there.

### Notice

Every control inserted into the list will **increase the work load** on the whole system! This means the the network traffic and each PC node which is running speaker functions. Thus define only those controls here which are actually needed.

With multiday events, this definition is specific to the current stage.

## Export

You can export the radio control definitions into a XML file. This file can be used by [online result services](#) in the web to be able to prepare their framework before the event. The first service which needs (and had initiated) this feature is the Swedish [EmmaClient/OBasen-LiveResultat](#). **Notice:** To make sure that all radio controls will be exported properly, first save your latest changes with **OK** and after that reopen this dialog to export the definitions.

## See also

[Speaker support](#)

[Online monitor for intermediate times \(Server\)](#)

[Online punches update](#)

[Display board](#)

[Handling individual courses](#)

[Speaker support - Task based help](#)

## 5.9.5 Handling individual courses

Usually there is a course for each class which does not make any problem for the speaker functions, even if there are controls on the course which are passed several times.

Watching classes with [individual courses](#) is not so obvious since every competitor runs his own course. For more information on individual courses, read the [Assign Classes - Courses reference](#).

However, the most common situations where you are using individual courses, are loops (one man relay) and butterflies. In these cases, you must have [common controls](#) which are passed by all competitors. OE2010 provides an easy solution here. *Just assign one of the individual courses to the class!* Every course of the class must contain the common controls, so they will then appear in the speaker window of this class (if you had defined them as radio controls). Sometimes not all variants may have the common controls at the same position within the course, but this does not matter here. OE2010 will always save and display the online punches in the right way.

If you have [completely different courses with no common controls](#), then you may define a "dummy" course with all controls you want to watch and assign it to the class. But before doing so, think about if this makes sense... ;-)

### See also

[Speaker support](#)

[Radio controls](#)

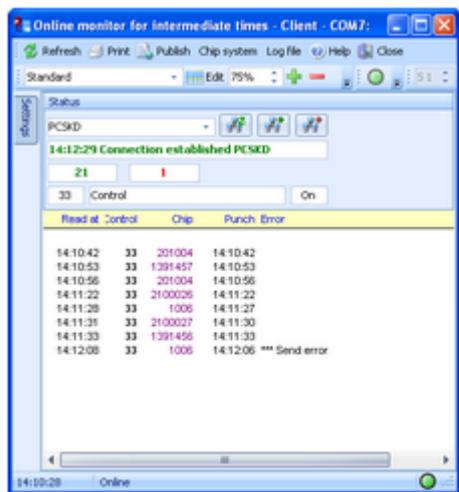
[Assign Classes - Courses](#)

[Speaker support - Task based help](#)

[Courses](#)

## 5.9.6 Online monitor for intermediate times (Client)

This is the function which collects the punches from the attached SportIdent or Emit (radio ) controls. There must be the server monitor function active on the same or another PC in the network in order get the punches been saved into the event database. Read the [description of the server monitor](#), how to set up a working system. See also [Speaker support - Task based help](#) for a more task oriented description.



The form has a variable layout depending on the chip system, mainly because with SportIdent you can identify the station and display its characteristics on the form.

First, the client form tries to [connect to the last used server](#). After that, it tries to [activate the last used control device](#). Actually this is possible for SI devices only which are connected directly to the form. If OE2010 detects any error, you have to interfere here and solve the problem manually.

All [punches](#) received will be [displayed in the form](#) and [saved into the local log file](#). If the server connection is running, then the punches will be [sent to the server](#) automatically. The accompanying [server window](#) will then [save the punches into the event database](#).

If there is a [communication break](#), then you will see a message in the window. There is also a display of the status, showing how many punches had been received and how many could not be sent to the server. Please watch this from time to time.

**Notice:** You can open as many client forms as you need for multiple devices. A limit is given only by your computer's performance and the number of available Com or USB ports. Every instance of the form saves its settings separately. So each instance of the form will always use the port it had used the last time.

## – Customizing the settings

The [Settings tab](#) has two paragraphs.

The first paragraph is chip system specific. See the paragraphs below for more details.

### Report formats

Time format

The times will be displayed according to this setting.

## – Selecting and connecting to the server

This client function requires an accompanying [server function](#), running at another PC in the network. When starting, the client form tries to connect to the last used server. The result will be displayed in the status field at the top. If there was an error or you are using this form the first time, then you have to connect to the right server manually. Enter the [server name](#) or select it from the listbox. The listbox shows a list of PCs in the network. This list will not be

updated automatically. To *update the list*, click on the **Refresh servers button** . *Connect* to the server with the **Connect button** . Normally, you won't need the **Disconnect button** . This is available for emergency cases, to stop sending the punches to the server.

After a connection to the server had been established, then the form first [sends all unsent punches from the log file](#) and then it waits for new punches from the attached device.

### Notice

It is highly recommended to have the server form running on another PC in the network. This gives you the best reliability and the best performance (of course provided the network is set up properly). Of course it is possible to run both forms on the same PC. Check out whether the performance is good enough at peak times.

If the [connection fails](#), then first check whether the server PC is reachable at all. Use f.ex. Win explorer for that. Check whether the server form is actually running on the server PC. Finally check out the firewall. If there had been a blocking firewall at the server PC, then you will have to restart the server in the server form, although this form may show the server as working.

## – Handling of the log file

All punches will be saved in a [local log file](#). At the top panel, you see the number of punches in the log file and the number of unsent punches.

Having solved a network problem, you can resend them to the server using **Log file - Send again**. You can select if you want to resend all punches or only those which had not been transferred to the server. If necessary, you can specify a time range for the punches.

You can also **clear** the whole log file if necessary.

The log files are saved into the [Logs](#) subfolder of your Application settings folder. For more details look at the [Application folders reference](#). In the [Logs](#) folder, you will find subfolders which have the same names as the event data folders. For remote events on the server, the local folder name is the event folder name plus [\\_R](#) (for remote). Inside every [Logs\<Event folder>](#), you find the log files of that event. They consist of two files which are named like [PunchLog1.dat](#) and [PunchLog1.idx](#) where 1-6 is the number of the stage (1 for single day events).

You may collect the log files from all clients in a network, which you want to process from a central place. To resend them, use **Log file - Send again (other log file)**. Please be cautious not to overwrite existing log files when collecting them at a central place, since the file names are identical on all clients.

## – SportIdent specifics

At the top panel you see the properties of the station if it is connected directly to the PC. Validate the [code number](#) and the [autosend](#) status. This must be set to [On](#), otherwise the station cannot send any punches to the client form.

If you are receiving the punch times from a (radio) multiplexer, the form will switch into [Receive mode only](#). In this

mode, it is not possible to display a station's properties at the top and to recognize the [type of incoming punch times](#). You can define this explicitly with the option [Finish punch in Receive mode](#). If checked, then all punches from code numbers below 31 will be computed as [finish punches](#) and all others as normal control punches. Deselect this option only if you expect to receive start or check punches here. By default, it is always selected.

If you encounter difficulties with the automatic Receive mode and/or the automatic Com port settings, then [check the option Fix Receive mode](#). This allows to fix the Com port baudrate, and OE2010 will not change this by its own checks.

## – Emit specifics

Be sure to check out the [Emit settings](#) when opening the client form.

### Option Control

You can define the [fixed code number](#) for the connected control. If you are using the [Samlingsbox](#), the [Online control](#) or the EmiTag devices [ETS/ECB](#), then the code numbers will be included in the protocol. Thus you should select the second option. This allows to have different controls connected to the same Samlingsbox, or to send different online controls through the same Emit radio transmitter.

### Option Emit device

Emit offers three alternatives, the normal [RS232 control](#) with its 9-pin DSub connector, the EmiTag devices [ETS/ECB](#) and the special [Online control](#) which you can recognize by its 8-pin round connector.

**Notice:** From [RS232](#) and [Online controls](#), the punch time is [calculated from the PC clock](#). **Please take care of having set the PC clock correctly!** [ETS/ECB](#) deliver their [own device times](#).

Please have in mind that [radio controls must have the original code number](#) from the course definition. Normally the fixed code no. will do the job. **Replacement controls can't be computed here!**

## – Interface to external applications

This client form sends the received punches to the server form using a specific Winsocket port. For external 3rd party applications, it is possible to open another port where the same information is sent to. This can be used for implementing additional tasks for which the punches are necessary, f.ex. live web updates, live reporting on a display board, etc.

Interested programmers may ask the author for a specification.

## – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

In this form, the stage selector is deactivated just for display purposes. The form will always use the stage only by which it had been invoked from the main menu.

## See also

[Online monitor for intermediate times \(Server\)](#)

[Speaker support - Task based help](#)

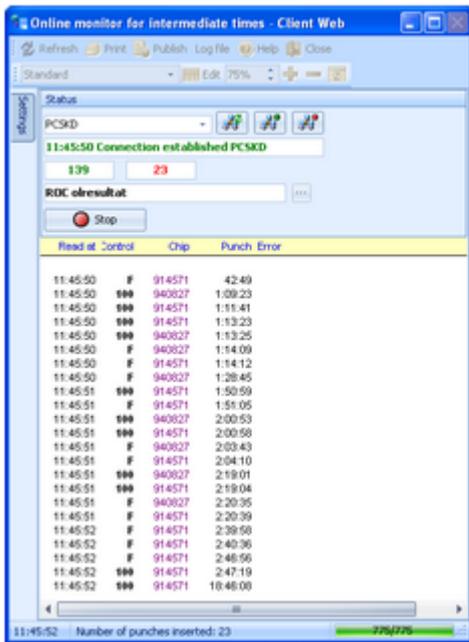
[Working in a network - Task based help](#)

## 5.9.7 Online monitor for intermediate times (Client Web)

This is another function which collects the punches, but from a web server. Some radio punch systems collect the radio punches from the control stations and then send them to a web server. From there they can be downloaded using this function. Currently the Swedish system [ROC olresultat](#) is supported. Except the way how the punches are retrieved, this client function works in the same way like the [Online monitor for intermediate times \(Client\)](#) for punch devices which are connected directly. You can drive both client windows simultaneously.

There must be the server monitor function active on the same or another PC in the network in order get the punches been saved into the event database. Read the [description of the server monitor](#), how to set up a working system. See also [Speaker support - Task based help](#) for a more task oriented description.

**Notice:** Do not worry about the term **server** in this topic. You have to distinguish between the [online monitor server](#) as a function of OE2010 and the [web server](#) from where the radio punches are downloaded.



First, the client form tries to [connect to the last used \(speaker online monitor\) server](#). After that, it begins to [send the queries for downloading punches from the web server](#).

All [punches](#) received will be [displayed in the form](#) and [saved into the local log file](#). If the server connection is running, then the punches will be [sent to the server](#) automatically. The accompanying [server window](#) will then [save the punches into the event database](#).

If there is a [communication break](#), then you will see a message in the window. There is also a display of the status, showing how many punches had been received and how many could not be sent to the server. Please watch this from time to time.

[Errors and status messages of the downloads](#) are displayed in the status line. You have to observe this and react if necessary.

### – Customizing the settings

The [Settings tab](#) has one paragraph.

#### Report formats

[Time format](#)

The times will be displayed according to this setting.

### – Selecting and connecting to the server

This client function requires an accompanying [server function](#), running at another PC in the network. When starting, the client form tries to connect to the last used server. The result will be displayed in the status field at the top.

If there was an error or you are using this form the first time, then you have to connect to the right server manually.

Enter the [server name](#) or select it from the listbox. The listbox shows a list of PCs in the network. This list will not be

updated automatically. To *update the list*, click on the **Refresh servers button** . *Connect* to the server with the **Connect button** . Normally, you won't need the **Disconnect button** . This is available for emergency cases, to stop sending the punches to the server. After a connection to the server had been established, then the form first *sends all unsent punches from the log file* and then it waits for new punches from the attached device.

### Notice

It is highly recommended to have the server form running on another PC in the network. This gives you the best reliability and the best performance (of course provided the network is set up properly). Of course it is possible to run both forms on the same PC. Check out whether the performance is good enough at peak times.

If the *connection fails*, then first check whether the server PC is reachable at all. Use f.ex. Win explorer for that. Check whether the server form is actually running on the server PC. Finally check out the firewall. If there had been a blocking firewall at the server PC, then you will have to restart the server in the server form, although this form may show the server as working.

### - Handling of the log file

All punches will be saved in a *local log file*. At the top panel, you see the number of punches in the log file and the number of unsent punches.

Having solved a network problem, you can resend them to the server using **Log file - Send again**. You can select if you want to resend all punches or only those which had not been transferred to the server. If necessary, you can specify a time range for the punches.

You can also **clear** the whole log file if necessary.

The log files are saved into the *Logs* subfolder of your Application settings folder. For more details look at the [Application folders reference](#). In the *Logs* folder, you will find subfolders which have the same names as the event data folders. For remote events on the server, the local folder name is the event folder name plus *\_R* (for remote). Inside every *Logs\<Event folder>*, you find the log files of that event. They consist of two files which are named like *PunchLog1.dat* and *PunchLog1.idx* where 1-6 is the number of the stage (1 for single day events).

You may collect the log files from all clients in a network, which you want to process from a central place. To resend them, use **Log file - Send again (other log file)**. Please be cautious not to overwrite existing log files when collecting them at a central place, since the file names are identical on all clients.

### - Web service settings

The web service selected is displayed on the top panel. If you need to modify the options for the communication or simply to interrupt the automatic downloads, press the  **Stop** button. Then use the **Settings**  button at the right to modify the options.

For more details see the [ROC olresultat settings reference](#).

To resume the automatic downloads, press the  **Start** button.

### - Interface to external applications

This client form sends the received punches to the server form using a specific Winsocket port. For external 3rd party applications, it is possible to open another port where the same information is sent to. This can be used for implementing additional tasks for which the punches are necessary, f.ex. live web updates, live reporting on a display board, etc.

Interested programmers may ask the author for a specification.

### - Special hints for multadays

If you are working on a multiday event, then you will see the *stage selector*. See the [stage selector reference](#) for more information.

In this form, the stage selector is deactivated just for display purposes. The form will always use the stage only by which it had been invoked from the main menu.

## See also

[Online monitor for intermediate times \(Server\)](#)

[ROC olresultat settings](#)

[Speaker support - Task based help](#)

[Working in a network - Task based help](#)

### 5.9.7.1 ROC olresultat settings

To be able to retrieve the right radio punches of your event from the [ROC olresultat web server](#), you have to define some options for the communication between OE2010 and ROC.

- URL** This is the URL of the ROC web server. It will be preset with the right default value, so normally you don't need to modify this setting. If you had tried a wrong value accidentally, you can reset this to the default setting by the [Reset](#)  button.
- Query** This is the query function which is sent to the ROC web server. It will be preset with the right default value, so normally you don't need to modify this setting. If you had tried a wrong value accidentally, you can reset this to the default setting by the [Reset](#)  button.
- Event Id** The Event Id identifies your event on the ROC web server. You can see this in ROC's event configuration dialog. If necessary, consult the ROC documentation for more details.
- Interval** OE2010 uses this interval to send the queries for the latest new punches to the ROC web server. Use the format *MMM:SS*. The default value of 10 seconds should be a good choice.
- Date/Time** This is the first punch time which OE2010 will fetch from the ROC web server. By default, it is set to the date and zero time of the event. Normally this should be sufficient.
- Punch Id** The radio punches saved by the ROC web server are identified by a unique Punch Id, which is specific for your event. Initially this value is set to 0, to begin with the first punch. OE2010 shows the id of the last punch downloaded in this field. Normally you don't need to modify this value. However, you can set it to a lower value to try to re-download older punches which seem to be missing.

For more information about how ROC olresultat and other radio punch web services work, see the [Online monitor for intermediate times \(Client - Web\) reference](#).

## See also

[Online monitor for intermediate times \(Client - Web\)](#)

### 5.9.8 Online monitor for intermediate times (Server)

This is the server monitor function which receives the punches from the client forms.

Normally, you will have several [client monitor forms](#) running on dedicated PCs, and a server form running on an extra PC. This PC needs not to be the database server, where the event data are saved! It can also be another (data) client.

Tests may show which is the best solution. You can also have more than one online server form running on several PCs. In this case, you must connect every client form to the right online punch server.

Read the [description of the client monitor](#) for more information about the clients. See also [Speaker support - Task based help](#) for a more task oriented description.

Read at	Strio Name	Start	Time	Punch	Control	Chip Club
14:10:42	817 Pacher Hannes	13:41:00	29:42	14:10:42	3 (33)	201004 SU Schöckl Gr
14:10:53	766 Heilig Roger	13:41:00	29:53	14:10:53	33	1391457 MTV Bamberg
14:10:56	817 Pacher Hannes	13:41:00	29:56	14:10:56	3 (33)	201004 SU Schöckl Gr
	*** previous time:		29:42	14:10:42		
14:11:06	766 Heilig Roger	13:41:00	30:06	14:11:06	20 (99)	1391457 MTV Bamberg
14:11:14	817 Pacher Hannes	13:41:00	30:14	14:11:14	18 (99)	201004 SU Schöckl Gr
14:11:20	331 Lackner Hannah	13:41:00	30:20	14:11:20	15 (99)	1391456 Team Steierma
14:11:22	513 Berndt Susann	13:41:00	30:22	14:11:22	33	2100026 Post-SV Chem
14:11:28	*** not found			14:11:27	33	1006
14:11:28	*** not found			14:11:27	33	1006
14:11:31	319 Fließ Sebastian	13:42:00	29:30	14:11:30	33	2100027 TOLUF Berlin
	*** previous time:		25:58	14:07:58		
14:11:33	331 Lackner Hannah	13:41:00	30:33	14:11:33	8 (33)	1391456 Team Steierma
14:11:36	513 Berndt Susann	13:41:00	30:36	14:11:36	14 (99)	2100026 Post-SV Chem

If a punch is sent from a client, then the right competitor/control no. will be calculated for it and it will be saved into the event database. The punches will appear automatically in a [speaker window](#) of the appropriate class.

### Notice

**Please set the correct time format!** If you are using the time formats by tenths or hundreds of seconds, then the times will be recorded with that accuracy. All other time formats will record the times with an accuracy of seconds.

With SportIdent, the punch time is sent in [absolute clock time](#) from the SI control station. With Emit, the punch time is [calculated from the PC clock](#). The punch times will be converted into running event time relative to the zero time.

**Please take care of having the correct zero time set from the beginning on!**

Please have in mind that [radio controls must have the original code number](#) from the course definition. **Replacement controls can't be computed here!**

## – Customizing the settings

With SportIdent, the [Settings](#) tab has the paragraph for the report formats only. With Emit, there is an additional paragraph, see below.

### Report formats

[Time format](#)

The times will be displayed according to this setting.

[Names](#)

The names will be displayed according to this setting.

## – Starting the server

The form will start the server automatically. However, if you need to stop the server or restart it again, you can do that manually using the [Start server button](#)  or the [Stop server button](#) .

One situation where you may need to do so, would be if the server PC had been protected by a firewall. The server displayed as ready but no client could connect. In this case, first make sure that the firewall allows the PC to act as a server or simply disable the firewall. Then restart the server, although it may show itself as ready. Only after that the clients will be able to connect to this server.

## – Emit specifics

At the top of the settings panel, you see the option [Use Finish punch as official finish time](#). If checked (and if the incoming punch has a finish code number), then the finish punches will be saved as the official finish time.

This option can't be changed here since it must be defined with the [Emit settings](#). If you had selected [Time taking - Online punch](#) for the finish punch there, then the finish time will be calculated from the punch.

## Notice

This feature of the speaker functions had been taken over from the previous version OE2003 V10 to keep compatibility. In OE2010, it is recommended to use the right time taking function for online punches. See the [Time taking - Emit reference](#) for more details.

### – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

In this form, the stage selector is deactivated just for display purposes. The form will always use the stage only by which it had been invoked from the main menu.

## See also

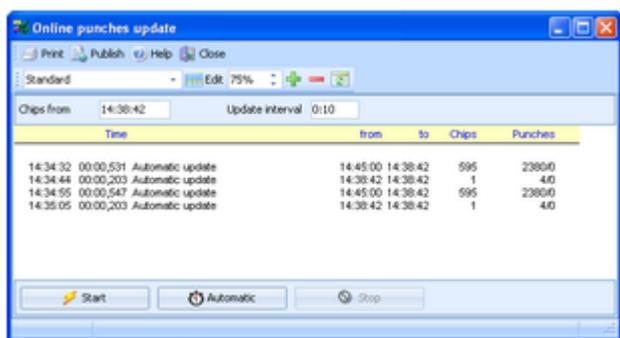
[Online monitor for intermediate times \(Client\)](#)

[Speaker support - Task based help](#)

[Working in a network - Task based help](#)

## 5.9.9 Online punches update

This function updates the online punches from the contents of the chips read in the finish. If there had been lost punches from the radio controls or entered wrongly, then this will be updated now by the information from the chips.



Click on **Start** to run the update process once. At the top left, you can enter the [read time of the first chip](#) which should be computed. All chips which had either been read or been manually edited after this time will be checked out. This field will show automatically the time of the last chip which had been checked before. You can [reset this value](#) by setting it to blank. Then all cards will be checked again.

A subsequent update begins with a tolerance of 15 seconds before the displayed time. Nevertheless, **you must take care that all clients in the network have synchronized clocks!**

You can also have [automatic updates](#). Enter the [update interval](#) at the top right and click on **Automatic**. To stop the automatic updates, click on **Stop**.

Every update task will be reported in the log window.

**Notice:** This function needs not to be run on the (data) server directly. More, it is recommended to run it from a client!

### – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

In this form, the stage selector is deactivated just for display purposes. The form will always use the stage only by which it had been invoked from the main menu.

## See also

[Speaker support](#)

[Radio controls](#)

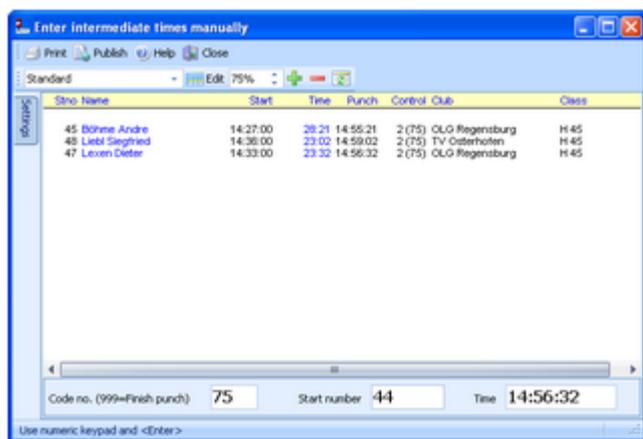
[Online monitor for intermediate times \(Client\)](#)

[Online monitor for intermediate times \(Server\)](#)

[Speaker support - Task based help](#)

## 5.9.10 Enter intermediate times manually

In addition to [online](#) connected controls, you may have other radio controls, from where you receive intermediate times, f.ex. by phone. You can enter them here. They will appear automatically in a [speaker window](#) of the appropriate class.



Enter the [start number](#), the [code number](#) of the control and the [time](#). The time must be given in [running event time](#) relative to zero time or as absolute clock time, depending on your preferred setting.

For a quick input, switch the numerical keypad to "numerical" and use those keys. Instead of the colon (:), you may also use the dot or the comma on the num key pad. In this form, the [Enter key](#) is available for fast switching from one input field to the next.

The competitors will be listed above together with their times. If the competitor already had received an intermediate time at this control, you will hear a warn beep and the previous time will be reported. At any time, you can correct a wrong input by repeating it correctly. Leave the time field blank to [remove](#) a wrongly entered time.

You can also enter an [unofficial finish time](#) (finish punch!) using the code number 999. Do not mix up this with the time taking input form where you can enter official finish times! See the [Manual input reference](#) for more details.

### – Customizing the settings

The [Settings tab](#) has two paragraphs.

#### Settings

##### Automatic times

If you check this option, then you can leave the time field blank. Each competitor will get the [current PC clock time automatically](#). This is recommended if the operator has a phone connection to a manned control. Then this person can simply announce the start numbers which will be entered here immediately. In this case, the **PC clock must be synchronized to the running event time!**

Uncheck this option, if you want to enter the times explicitly. Then your input into the time field will be validated and saved. Leave the time field blank to clear an existing (wrong) one.

#### Report formats

##### Time format

The times will be displayed according to this setting.

##### Names

The names will be displayed according to this setting.

### – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

In this form, the stage selector is deactivated just for display purposes. The form will always use the stage only by which it had been invoked from the main menu.

## See also

[Speaker support](#)

[Speaker support - Task based help](#)

## 5.9.11 Biographies

Especially at top level competitions, you can support the speaker by offering a biographical text or other additional information about the competitors. This text can be displayed in the [speaker window](#).

Input	Start no	Db Id	Chip / Surname	First name	Class	Club	VIP	Text
1531	31	25247	76652 Arika	Hannu	H21E	Kälvan Rasti	<input type="checkbox"/>	Finnish national team
1532	60	10055	99748 Anjala	Topi	H21E	Ilkaisten Nouseva-Voima	<input type="checkbox"/>	
1533	22	33972	80449 Anttonen	Antti	H21E	Vaajakosken Terä	<input type="checkbox"/>	
1534	46	13075	112112 Blackman	Johan	H21E	OK Orient	<input type="checkbox"/>	
1535	12	7897	118099 Dahlen	Mats	H21E	Pamion Rasti	<input type="checkbox"/>	
1536	3	17512	123425 Fabritus	Mikael	H21E	OK Orient	<input type="checkbox"/>	
1537	34	14989	485709 Fagerudd	Kim	H21E	Pamion Rasti	<input type="checkbox"/>	
1538	56	14570	117059 Fincke	Simo-Pelka	H21E	Vehkulahden Velkot	<input type="checkbox"/>	
1541	51	26088	405941 Föhr	Tero	H21E	Vehkulahden Velkot	<input type="checkbox"/>	Finnish national team
1539	11	32715	125257 Fröberg	Robin	H21E	Pargas IF	<input type="checkbox"/>	
1542	30	17669	56921 Haldin	Mats	H21E	SWE-IFK Göteborg	<input checked="" type="checkbox"/>	Swedish national team
1551	2	25807	59296 Hämälistö	Sami	H21E	NOR-Halden Skiklubb	<input type="checkbox"/>	
1544	55	17913	50526 Harju	Antti	H21E	Kälvan Rasti	<input type="checkbox"/>	
1545	4	2998	117676 Heikka	Janne	H21E	Delta	<input type="checkbox"/>	
1546	7	26191	408008 Heinoonen	Mikko	H21E	MS Piarna	<input type="checkbox"/>	
1547	59	37799	88376 Hemelähti	Mika	H21E	Kälvan Rasti	<input type="checkbox"/>	
1548	38	10101	41621 Huhtanen	Juha-Matti	H21E	Vaajakosken Terä	<input type="checkbox"/>	
1549	47	26783	408140 Huovila	Jarkko	H21E	Tampereen Pyrintö	<input type="checkbox"/>	
1550	16	22011	110427 Huhtanen	Esa	H21E	OK Orient	<input type="checkbox"/>	
1552	57	32487	58898 Ikonen	Pasi	H21E	Vaajakosken Terä	<input type="checkbox"/>	
1554	41	14498	404535 Järvelin	Pelka	H21E	Tampereen Pyrintö	<input checked="" type="checkbox"/>	World champion 2001

Notice: The text can consist of multiple lines and the maximum length is 255 characters.

VIP (extra highlighting)  Swedish national team

Save Reset

Enter the **text** into the input field. The text can consist of multiple lines and the maximum length is 255 characters. Note that in the table view the lines will be separated by **#**.

You can mark the competitor as a **VIP** by checking that value. This means that this competitor will always be highlighted in **purple colour** in the [speaker](#) and the [prewarning](#) window, and the speaker may talk about this VIP independently of his performance.

### – Importing text from external sources

Display a [report](#) about the biographies. [Export](#) this report into a CSV file. This one can be computed further in Excel (as an example) or used as a template for the import file. The import file format is the same as that of the export file.

Now you have two choices:

- You can add the text to the export file in Excel.
- Or you already have a file containing all the text. Then insert the missing columns to obtain the right file format according to the sample export file. Now you must fill the right information to at least one of the **fields** which can be used to **identify** the competitors for the [import](#). These are **name**, **start no.**, **database id**, or **chip no.**

Use button **Import** to import this file. For more details see the [Import biographies reference](#).

### Notice:

OE2010 supports **line feeds** within the text. In the import file, they must be marked by a "#". Insert a "#" for every line feed. (Compare the sample export file to understand this.)

### – Reports

The report supplies an overview of the biographies. Select the option **Edited text only** to display just the interesting competitors in the report.

The [Export](#) creates a [CSV file](#) which you can use for further processing. See the paragraph above for more information.

For general information about reports, see the [reports reference](#).

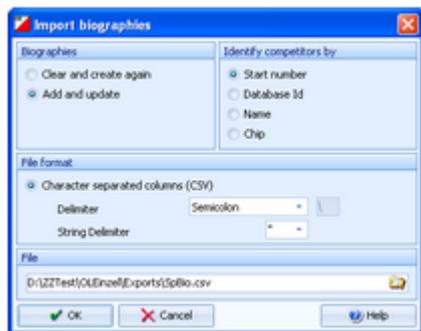
## See also

[Speaker support](#)

[Running the competition - Task based help](#)

## 5.9.12 Import biographies

You can import the biographies. Please read first the [guidelines](#) how to prepare an import file.



<b>Biographies</b>	Select the right working mode of the import. <i>Add and update</i> should be sufficient in most cases.
<b>Identify competitors by</b>	Define by which field the competitors should be identified. Obviously the <i>start number</i> should be preferred.
<b>File format</b>	Only <i>CSV</i> is available here.
<b>Delimiter, String delimiter</b>	Normally you can leave the defaults <i>Semicolon</i> and <i>"</i> here. If the application which created this import file used other delimiters, then set them accordingly.
<b>File name</b>	Select the import file here. See the <a href="#">File selector reference</a> for more details.

The import will create a comprehensive report about itself which will help you to fix possible errors.

## See also

[Biographies](#)

[Speaker support](#)

## 5.9.13 Display board

Using this function, you can drive any display board.

An ancestor of this function had been used in 2002 at the Park World Tour for the live TV broadcasting from the races in Finland and Sweden. This is just a special kind of display board.

This function offers a well defined [interface to external DLLs](#) which can be implemented by any 3rd party. With OE2010, a sample Demo DLL is included which uses this interface and emulates a display in an extra window. Read the [OEDisplay\\_DLL description](#), if you are interested in that.

Input	Start no.	XGtno	Chipno	Surname	First name	Class	Club	Start	Finish	Time	Class.
758	325		52753	Kasza	Izabela	D16	Polish Junior Team	12:59:00	13:27:03	28:03	OK
254	325		410540	Kucza	Marek	D16	Horn, TGV	12:41:00	13:09:23	28:23	OK
811	337		425741	Baggio	Denise	D16	Taraz, Ori	13:00:00	13:31:42	28:42	OK
64	343		505003	Riwowar	Magdalena	D16	Mochy, HKS Azymut	13:17:00	13:46:16	29:16	OK
186	341		436905	Thaler	Carina	D16	Steiermark, Team	12:35:00	13:04:33	29:33	OK
82	352		364379	Sannet	Corinna	D16	Regensburg, OLG	12:49:00	13:18:52	29:52	OK
652	323		339205	Schips	Anna	D16	Landshut, OLV	13:09:00	13:39:02	30:02	OK
327	357		930520	Biedemann	Linda	D16	Botrop, DJK Adler	13:39:00	14:09:12	30:12	OK
757	336		553474	Waszczuk	Aleksandra	D16	Polish Junior Team	12:45:00	13:15:27	30:27	mp
110	322		553464	Dopierala	Dominika	D16	Leszno, LKO	12:55:00	13:25:35	30:35	OK
111	327		553465	Miszewicz	Helena	D16	Leszno, LKO	13:15:00	13:46:05	31:05	OK
83	332		245776	Spangenberg	Jula	D16	Regensburg, OLG	13:37:00	14:11:23	34:23	OK
829	354		300950	Fenzlhofer	Jula	D16	Mietradring, SV	12:43:00	13:18:46	35:46	OK
65	349		412416	Stachowiak	Kamila	D16	Mochy, HKS Azymut	13:27:00	14:02:47	35:47	mp
759	328		412190	Bakuta	Elyta	D16	Polish Junior Team	13:25:00	14:02:50	37:50	OK
328	358		501903	Gran	Anika	D16	Botrop, DJK Adler	13:23:00	14:04:04	41:04	OK
177	331		1391456	Ladner	Hannah	D16	Steiermark, Team	13:41:00	14:36:03	55:03	OK
176	355		247093	Arhar	Eva	D16	Steiermark, Team	12:57:00		dns	
195	356		218857	Herrgesell	Marek	D16	Steiermark, Team	12:47:00		dns	
551	347		245731	Grisoni	Paola	D16	F2SO F.V.G.	13:13:00		dns	
571	330		500294	Kästner	Anne	D16	Jena, USV	13:33:00		dns	
633	326		205819	Taniato	Anita	D16	Gallie	13:31:00		dns	
887	360			Vakant		D16	Vakant	12:27:00		OK	

Select the **class** on the top panel. You can open multiple windows for different classes and watch them. In the table, the start, finish and result times of all competitors of this class are shown. If a runner is impeded or otherwise not classified, his time and classification will be marked with **light red** colour.

You can select any competitor in the table. **Doubleclick**, press **Enter** or click the **Show runner**  button to show him in the **Display board panel** at the bottom. Another possibility is to use the **Quick search field**. Enter the start number of the competitor and press **Enter**. Then this competitor will be displayed in the Display board panel. See the paragraph below for more details about how to drive the display board.

Adjust the table layout as usual to meet your requirements. You can use any sort order to find a competitor quickly. After having the columns in the right order, it is a good practice to use the **Optimize** button to adjust the column widths. If you feel unsure about how to adjust the table layout, have a look into the [Data grid reference](#).

## Notice

It is most important that the **PC clock is exactly synchronized to the official event time!** The displayed running times are calculated using the PC clock.

## Customizing the settings

The **Settings tab** has two paragraphs.

### Results

#### Output folder

This is the folder where the output files of the list function should be placed. The display driver can fetch them from there and display the content. The files are named like *Class\_Control\_Date\_Time.csv*.

If the folder name is too long for the input field, then you can enlarge the settings tab which will enlarge this field also.

### Report formats

#### Time format

The times will be displayed according to this setting.

#### Names

The names will be displayed according to this setting.

## Working with the display board

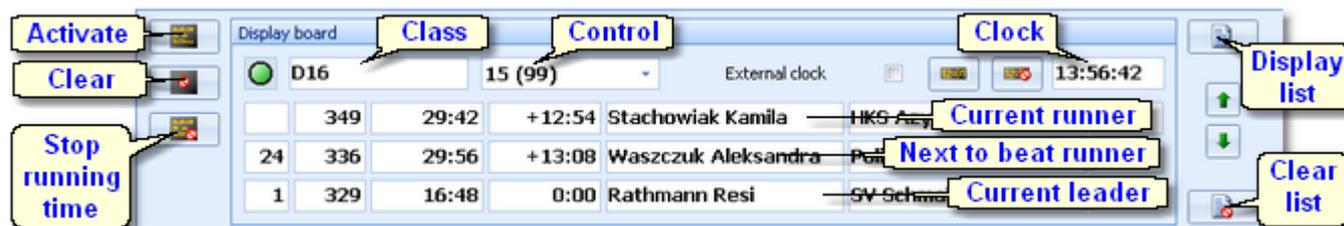
On the display board panel at the bottom, the selected competitor will be displayed.

In the two lines below the **next to beat runner** and the **current leader** are shown. If the time is running, this running

time will be displayed on the board. The next to beat runner will be updated automatically as the time progresses. The time will stop automatically and display the competitor's final time when he had got his time (either by punching or by crossing the finish line). Then his current place will be shown.

If the competitor *already has a finish time*, just his final time and his current place will be displayed.

If you are displaying the progress at the *start*, then the competitor is displayed with a counting down time until he has started.



To drive the display board, there are several functions available.

### Select which time

The control listbox provides the start, finish and all radio controls which had been defined for the class. You can select them from the listbox or use one of the shortcuts:

- F6** Start
- F7** 1st intermediate time (mostly this is enough...)
- F8** Finish

### Clock time

Use the **Display clock time** or **Clear clock time** button to start/stop displaying the clock time on the display board. By default, the display on the board will be updated every second completely by OE2010. That means, also the clock times running there will be driven completely by OE2010. However, many display boards have their own built-in clock. Then check this option **External clock**. Then the clock of the board will be initialized by the correct value and afterwards it will continue independently.

### Activate display board

The current panel contents will be displayed on the board. This function sends first a call to draw the basic frame on the screen and afterwards the details. They will be updated online on the screen as long as this window remains online. The LED will show in **green**.

If there had been another window active on the board before then this one will keep running locally until it will be activated again.

### Clear display

The display will be cleared and the communication to the board will be closed. The LED will show in **purple**.

### Stop time

You can stop the time running on the board manually for any reasons.

### Display matching list

You can show the matching list on the board. This is either a start list or a list of the result which is currently watched in this window. This is independent of the online display.

### Clear list

Remove the list from the board.

### Scrolling up/down the list

Use the **Up/Down** buttons to scroll the list at the board.

## - Working with multiple display windows

You can open multiple windows for different classes, between which you can switch and show the display of the current window at the board. So you can easily prepare several views and change them on the board by a single mouseclick.

OE2010 will save the properties of each window separately. This means, after closing and reopening the display

board windows, they will be arranged in the same manner and they will display the same class again. Of course not all settings are separate, like the order of the columns. Just try yourself to experience this.

### – Special hints for multadays

If you are working on a multiday event, then you will see the [stage selector](#). See the [stage selector reference](#) for more information.

In this form, the stage selector is deactivated just for display purposes. The form will always use the stage only by which it had been invoked from the main menu.

#### See also

[Speaker support](#)

[OEDisplay DLL](#)

[Radio controls](#)

### 5.9.14 OEDisplay DLL

OE2010 provides a well defined interface to external DLLs. These can be implemented by any 3rd party to drive any display board.

With OE2010, a demo DLL named **OEDisplay.DLL** is included. This emulates an external display in an extra window. This will be loaded by default by the [Display board](#) function.

To drive a "real" display board, you must [replace this DLL](#) by a special one to drive your display board.

For backup reasons, you find a copy of the Demo DLL in the subfolder *Misc* of your OE2010 installation folder. From there you can copy it back into the installation folder if you need that.

Interested programmers or users can ask the author for the source code (Delphi 6 Pascal) of this DLL. This is easily to understand and the definitions may be converted to any other programming language, for example C++ or even C#. The external DLL can be written in any programming language.

#### Command description

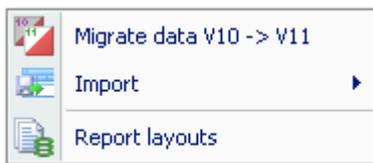
See the demo DLL source code.

#### See also

[Display board](#)

## 5.10 Extras

Under the **Extras** main menu item you find some extra functions which are not just O organising tasks.



To be able to use your existing events from V.10.3, you must migrate the event data to the new data format of OE2010. Thus for V10 upgraders, the most important function is for the first time **Extras - Migrate data V10 -> V11**. See the [Migrate data reference](#) for more details.

Power users may want to perform changes on the event data outside of OE2010. They can do so by exporting the right report, performing the changes and finally reimporting this file into the event. This function can be found under **Extras - Import**, which is described in the [Import event reference](#).

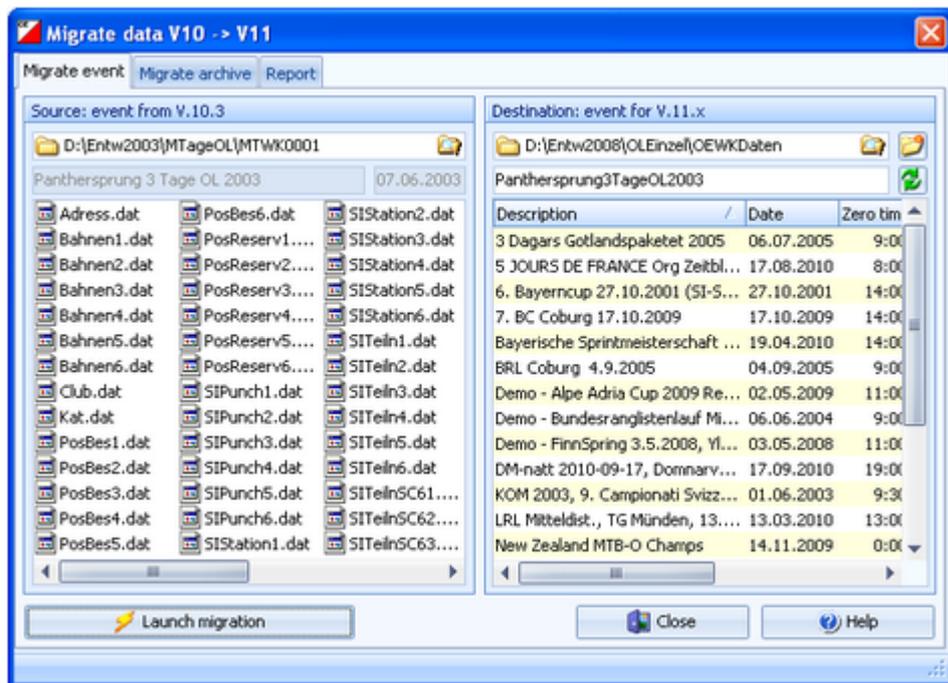
**Extras - Report layouts** offers you an administration function for report and label layouts. You can use it to exchange the layouts with other users or copy them to other clients in the network. See the [Report layouts Manager reference](#) for more information.

### 5.10.1 Migrate data V10 -> V11

Differently to previous SportSoftware versions, the SportSoftware V11 has a **new data organisation** which follows the standard which is defined by Windows XP, Vista, Win7 and newer Windows versions. Basically this means that the application settings like report layouts, the event data and also the archive data must not be saved in subfolders of the installation folder (like it had been the case with SportSoftware V10 and older). Instead, since Windows XP there are special user folders designed for that. With the SportSoftware V11, you can use predefined folder sets or define your own ones.

If you need more information about this subject, please read carefully the [Application folders reference](#)!

To be able to use your existing events from V.10.3, you must migrate the event data to the new data format of OE2010.



In the left panel, select the **source event** from V.10.3. **Note:** the source event must be exactly in the data format of SportSoftware V.10.3, otherwise you will be asked to load it into OE2003 V.10.3 to update to this data format.

In the right **destination** panel, the OE2010 **event root folder** with its existing events of V11 will be displayed. It will be possible to select another event root folder here if you are using several different folders for some reason. Below that,

you must enter a folder name for the new event. By default, this is predefined from the V10 event's name. You can modify this manually, especially if you want to create the same event several times for test purposes.

Click on  to start this action. You will get a detailed report about this in the [report](#) tab. If necessary, you may print or publish this report.

Switch to the [Migrate archive](#) tab to migrate archives from V.10.3 to V11. This works just in the same way as with events.

You can migrate as many events or archives as you like in one row.

## See also

[Application folders](#)

[File selector](#)

## 5.10.2 Imports into the event

You can import classes, clubs or competitors directly into the event, using the appropriate CSV file format.



Basically, these imports are **designed for computer experts only** who have thorough experience with spread sheets. Such persons may export and re-import the data after some special evaluations. For example, they may need to draw the start list according to special rules and then re-import the data.

To get a sample of the right CSV file format, just export the right report. See the detailed sub-topics for more information.

### Notice

**The CSV file formats had been changed from V.10.x to V.11.0!!**

If your import file contains errors then this may damage your event data.

## See also

[Import classes into the event](#)

[Import clubs into the event](#)

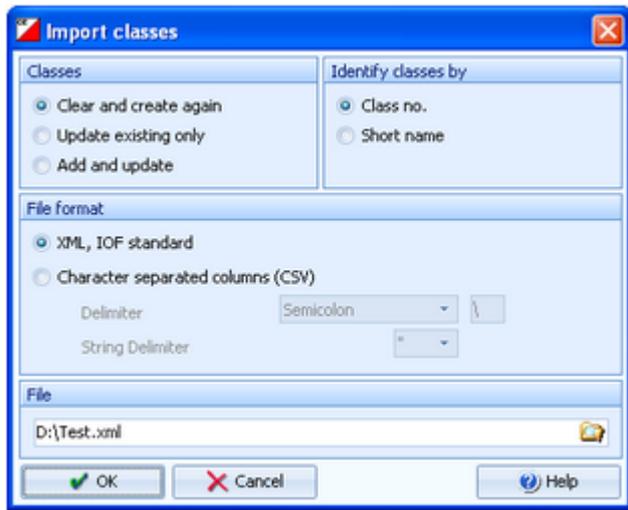
[Import competitors into the event](#)

[Export dialog](#)

### 5.10.2.1 Import classes into the event

You can import classes directly into the event, using the correct CSV file format or the IOF XML format. This is the same import function like the [Entries classes import](#) which can be invoked from the [Entries](#) main menu item.

Basically, this import is **designed for computer experts only** who have thorough experience with spread sheets. Such persons may export and re-import the class table after some special evaluations.

**Classes**

Select the right working mode of the import. Since *Clear and Create again* will lose all special class settings like start list definitions, be careful when using it!

**Identify classes by**

Define by which field existing classes should be identified. Obviously the *class no.* should be preferred.

**File format**

Select XML or CSV.

**CSV**

The record structure is given in a special header line at the beginning of the file. The first column is always empty, headed by a unique identification of the export file. To get a sample of the right CSV file format, just export a *class* report. When editing this export file or creating a new one, be sure to preserve the first (empty) column which identifies this file as the right one for this import.

**XML**

This import requires the IOF XML format, document type *ClassList*. For more information on the *IOF XML formats*, have a look at the IOF web site.

**Delimiter, String delimiter**

Normally you can leave the defaults *Semicolon* and *"* here. If the application which created this import file used other delimiters, then set them accordingly.

**File name**

Select the import file here. See the [File selector reference](#) for more details.

**Notice:** If you are using the *Emit punching system*, please check out the *start punch setting* for all new classes! See the [Emit settings reference](#) for more details.

The import will create a comprehensive report about itself which will help you to fix possible errors.

**Notice**

**The CSV file format had been changed from V.10.x to V.11.0!!**

If your import file contains errors then this may damage your event data.

The *XML format* may have *created new class types* (class type 1). If this is the case, then you will get a reminder at the bottom of the log report. Since in OE2010 the names of the class types are terms which are subject to the language translation, please check out the [Extra field names](#) whether this is what you expected and exit this dialog by *OK* to get the new translations working.

**See also**

[Import competitors into the event](#)

[Import clubs into the event](#)

[Copy classes into the event](#)

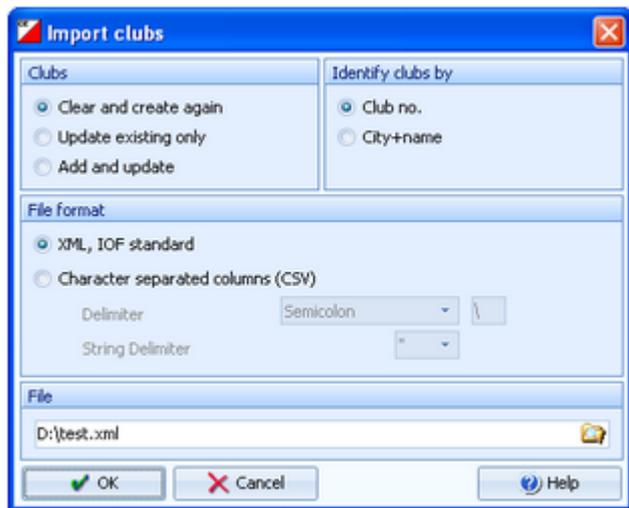
[Import classes](#)

[Export dialog](#)

### 5.10.2.2 Import clubs into the event

You can import clubs directly into the event, using the correct CSV file format or the IOF XML format.

Basically, this import is **designed for computer experts only** who have thorough experience with spread sheets. Such persons may export and re-import the club table after some special evaluations.



Clubs	Select the right working mode of the import. Since <i>Clear and Create again</i> will lose all special club settings like start list definitions, be careful when using it!
Identify clubs by	Define by which field existing clubs should be identified. Obviously the <b>club no.</b> should be preferred.
File format	Select XML or CSV.
CSV	The record structure is given in a special header line at the beginning of the file. The first column is always empty, headed by a unique identification of the export file. To get a sample of the right CSV file format, just export a <a href="#">clubs</a> report. When editing this export file or creating a new one, be sure to preserve the first (empty) column which identifies this file as the right one for this import.
XML	This import requires the IOF XML format, document type <i>ClubList (V2.0.3)</i> or <i>OrganisationList (V3.0)</i> . For more information on the <a href="#">IOF XML formats</a> , have a look at the IOF web site.
Delimiter, String delimiter	Normally you can leave the defaults <i>Semicolon</i> and <i>"</i> here. If the application which created this import file used other delimiters, then set them accordingly.
File name	Select the import file here. See the <a href="#">File selector reference</a> for more details.

The import will create a comprehensive report about itself which will help you to fix possible errors.

#### Notice

**The CSV file format had been changed from V.10.x to V.11.0!!**

If your import file contains errors then this may damage your event data.

#### See also

[Import competitors into the event](#)

[Import classes into the event](#)

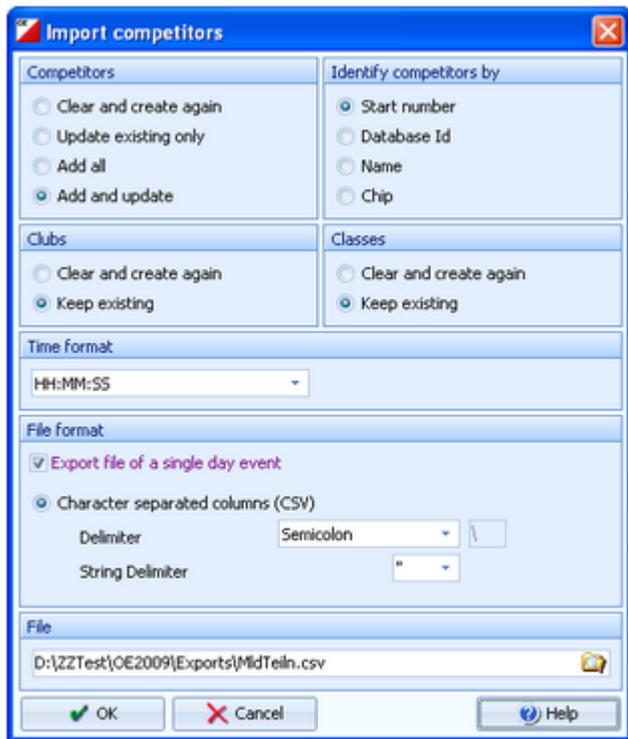
[Export dialog](#)

### 5.10.2.3 Import competitors into the event

You can import competitors together with classes and clubs directly into the event, using the correct CSV file format.

Basically, this import is **designed for computer experts only** who have thorough experience with spread sheets. Such persons may export and re-import the complete event after some special evaluations. For example, they may need to draw the start list according to special rules and then re-import the data.

To get a sample of the right CSV file format, just export an [entries](#) or [start list](#) report. When editing this export file or creating a new one, be sure to preserve the first (empty) column which identifies this file as the right one for this import.



#### Competitors

Select the right working mode of the import.

#### Identify competitors by

Define by which field existing competitors should be identified.

#### Clubs, Classes

Define how clubs and classes should be handled. *Keep existing* is to be preferred if the import file stems from a previous export. Thus you will not lose additional settings, f.ex. for start list organisation. With *Keep existing*, missing clubs or classes will always be inserted. They will be identified by the club or class number. Possible name conflicts will be bypassed by issuing suitable names. This will be shown in the report of this import.

#### Time format

Select the [time format](#) which is used by your import file. Start and finish times are expected to be in relative event time.

#### File format

Only [CSV](#) is available here.

#### Export file of a single day event

This option is available only if you are working on a multi day event. There are two different formats available for multi days and single days. If checked, then the import file will be imported into the current stage.

#### Delimiter, String delimiter

Normally you can leave the defaults [Semicolon](#) and `"` here. If the application which created this import file used other delimiters, then set them accordingly.

#### File name

Select the import file here. See the [File selector reference](#) for more details.

The import will create a comprehensive report about itself which will help you to fix possible errors.

### Notice

**The CSV file format had been changed from V.10.x to V.11.0!!**

If your import file contains errors then this may damage your event data.

Avoid importing a club or class with number 0!

If you are registering the entries using an external software or by a web page, then don't use this import here, but the special [entries import function](#).

### See also

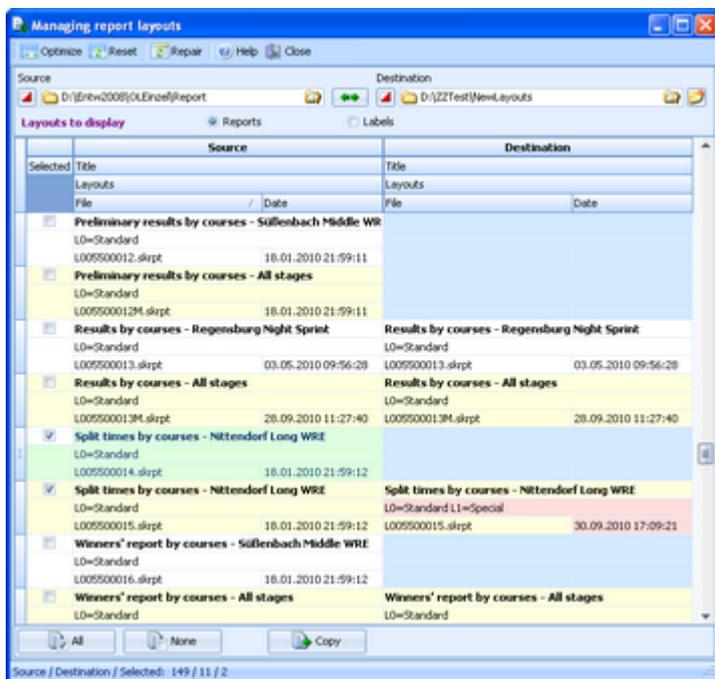
[Import classes into the event](#)

[Import clubs into the event](#)

[Export dialog](#)

### 5.10.3 Report layouts

This is an administration function for report and label layouts. You can use it to *exchange the layouts* with other users or copy them to other clients in the network.



Select the folder with the [source layouts](#) and the [destination folder](#). Select **which layouts** you want to copy: [Reports](#) or [Labels](#). The existing layouts in both folders will be displayed.

If a layout does not exist in the destination folder, then this will be **highlighted in blue colour**. Differences of the file date and the layout names are **highlighted in red**. Use a suitable sort order to find the interesting layouts quickly. F. ex., if you sort by date, then you can display the last edited layouts on top of the table.

Check the layouts which you want to copy and copy them using the **Copy** button. Use the buttons **All** or **None** to select/deselect all layout files quickly. Observe the status message in the status line.

Use the  button to [switch into the application layout folder](#) either as the source or as the destination. This is the [\Report](#) subfolder of your application settings folder. With the  button, you can [exchange both folders](#) to invert the direction for copying.

#### Notice

Sometimes, you will see the title **--- Missing title**. If all layouts in one of the two columns are showing no title, then you are most likely working on the [default layouts folder](#). **Never touch the default layouts folder** with this function! This may damage the defaults in that way so that you may have to reinstall OE2010.

**Background:** The default layouts had been copied by the setup into the subfolder [\Default](#) of your applications installation folder. They don't carry any customized settings, f.ex. no title and no printer settings. If you are displaying a report for the first time, then its layout will be copied into the [\Report](#) subfolder of your application settings folder. This file will be used to save all your customized settings and especially all your additional self-made layouts. Thus the number of layout files found in the [\Report](#) folder depends on which reports you had already displayed or which labels you had already printed. Since this function is designed for exchanging your customized layouts, it makes no sense to deal with the default layouts here.

## – Special functions

### Repair missing headers

For some time, there had been a [bug with new report layouts](#). For more details see the [Release Notes V.11.0](#), of 18.9.2014.

Use the [Repair button](#)  to repair those damaged report layouts. The old Standard layouts will get their missing header back from the new (*\*New\* Standard*) layouts. In the protocol report you see which layouts had been repaired. **Please run this function once to fix all your layouts!**

### See also

[Application folders](#)

[Reports](#)

[Report layout editor](#)

[Label layout editor](#)

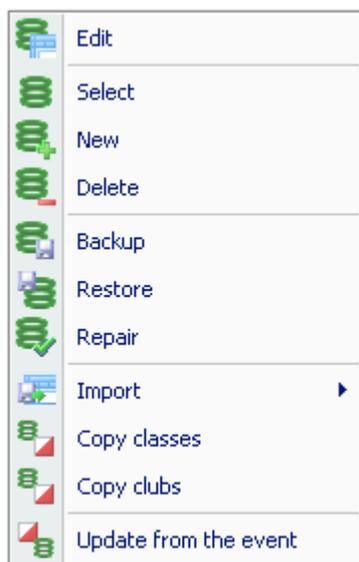
## 5.11 Archive

Differently to previous SportSoftware versions, the SportSoftware V11 has a **new data organisation** which follows the standard which is defined by Windows XP, Vista, Win7 and newer Windows versions. Basically this means that the application settings like report layouts, the event data and also the archive data must not be saved in subfolders of the installation folder (like it had been the case with SportSoftware V10 and older). Instead, since Windows XP there are special user folders designed for that. With the SportSoftware V11, you can use predefined folder sets or define your own ones.

If you need more information about this subject, please read carefully the [Application folders reference](#)!

For using the archive, this means a special advantage. Since you can define the same archive root folder for all SportSoftware applications, this means *that you can use exactly the same archive* from all SportSoftware applications simultaneously!

The **Archive** main menu topic offers you all functions which are necessary for managing multiple archives.



On starting, OE2010 always selects the previously selected archive. Via **Archive - Select**, you can select another archive. See the [Select archive reference](#) for more details.

To create a new archive use **Archive - New**. This will display the archive settings dialog, where you can enter the characteristics of the new archive. Look at the [Create a new archive reference](#) to learn more.

To edit the archive, means the competitors, club, classes and the settings, use **Archive - Edit**. See the [Edit archive reference](#) for more details.

In the course of time old archives, saved archive status, or even test data will enlarge the archive selection list unnecessarily. To delete an archive, use **Archive - Delete**. See the [Delete archive reference](#) for more details.

Do not forget backing up your current archive after each session where you had edited it. This is the function **Archive - Backup**. See the [Backup archive reference](#) for more details.

If you followed a well thought out backup strategy, you have the chance to restore your archive data in error cases. Use **Archive - Restore** which is described in detail in the [Restore archive reference](#).

Due to faulty network settings or other reasons (you can't imagine what can happen...) you may have got corrupted data. You can try to repair this yourself using **Archive - Repair**. See the [Repair archive reference](#) for more details.

Usually, you will create the competitors' archive by an import from an external database. This is done via **Archive - Import**. See the [Import archive reference](#) for more details.

Due to the import from a federation database, you may already have a well defined **class table template** for your events. Then copy this class table from the archive into the event using **Archive- Copy classes** and use this as your starting point. For more details see the [Copy classes into the event reference](#).

Sometimes it may be preferred to [Copy the clubs from the archive](#) into the event beforehand: **Archive - Copy clubs**.

OE2010 provides a comfortable function to maintain the archive based on event data: **Archive - Update from the event**. This function works perfectly if the event had been computed using the same archive, but it is also easy to use if the archive had not been used in the event. For more details see the [Update archive from the event reference](#).

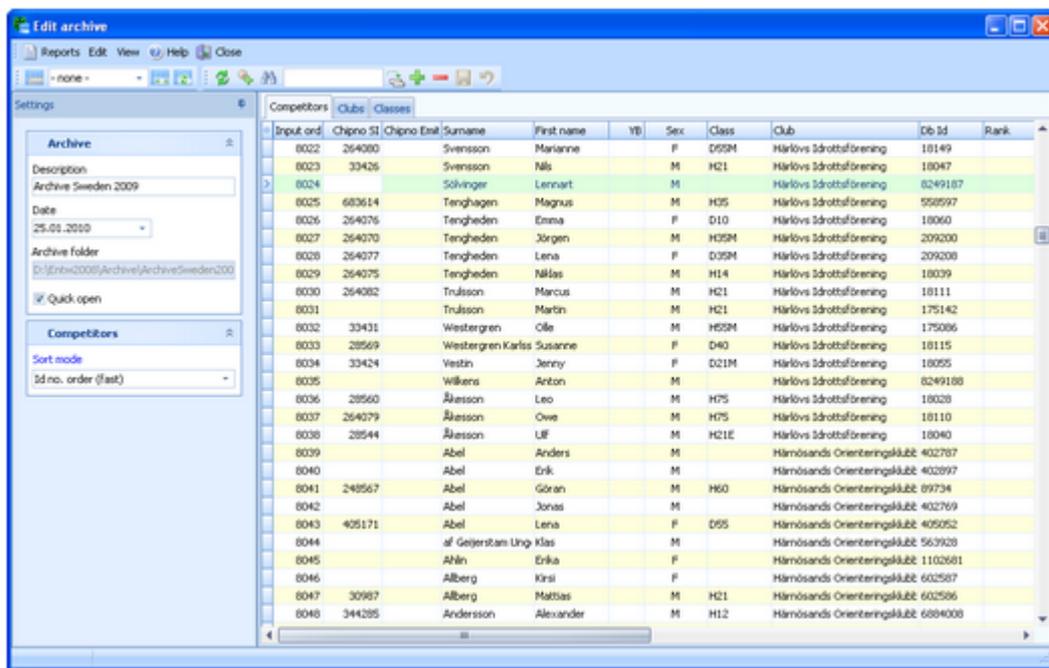
## See also

[Managing entries - Task based help](#)

### 5.11.1 Edit archive

Usually, you will create the competitors' archive by an [import](#) from an external database. You can maintain the archive, edit, delete and insert competitors.

The Archive form has three grids where you can edit competitors, clubs and classes. Look at the top of the data grid.



If you need more details about editing in the data grid, have a look into the [data grid reference](#).

## – Customizing the settings

The [Settings](#) tab has two paragraphs.

### Archive

You can modify the [description](#) and the [date](#) of the archive. These settings will be displayed in [reports](#), the [archive selection dialog](#) and several working forms, f.ex. the [entries form](#).

### Quick open

For large archives like the Swedish and Finnish ones, opening it takes too long since the whole database must be read into memory. The Quick open mode is the same quick way of computing like in previous versions of the SportSoftware. However, there are some restrictions with sorting and searching capabilities.

OE2010 will remind you to set this if the archive has more than 20000 competitors. Also, the opposite will be reminded: if you have an archive smaller than 20000, you should unselect the Quick open mode. Of course, if your machine is fast enough, you can always use the normal mode.

### Competitors

You can define the sort mode for classes and clubs. They can be sorted by their Id numbers (class number or club number) or alphabetically. The latter may be too slow sometimes for large archives. Choosing the Id no. order will optimize the load time of this form.

## – Editing competitors

Be sure that you are displaying the competitors grid [Competitors](#).

Competitors										
Clubs										
Classes										
* Input ord	Chipno SI	Surname	First name	YB	Sex	Class	Club	Id/Club /	Db I	
20385	352466	Tingelöf	Björn	1970	M	H35	OK Nipan	180827	310	
20386		Wiklund	Anna-Karin	1966	M	D40	OK Nipan	180846	310	
14972	306897	Johansson	Holger	1922	M	H80	Nitta IF	180862	310	
14969	30099	Ernvid	Ivan	1940	M	H65	Nitta IF	180864	310	
14970	30100	Ernvid	Kerstin	1944	M	D60	Nitta IF	180866	310	
20432	28965	Wärnsved	Magnus	1980	M	H21E	OK Njudung	180880	310	
20429	17242	Sandlund	Per	1962	M	H45	OK Njudung	180925	310	
20418	47156	Ljung	Lovisa	1989	M	D18	OK Njudung	180931	310	
14996	351885	Gustavsson	Olle	1933	M	H70	Njurunda OK	180982	310	
14975		Arnfridsson	Alf	1937	M	H70	Njurunda OK	180986	310	

When working on the competitors, please observe the following hints for the columns.

#### Class

The class is an optional field here. You have the possibility to assign the class here in the archive and copy it later together with the competitor into the event. As an alternative, you may omit the class. In this case, enter year of birth and sex of the competitor, so that the class can be calculated when the competitor will be inserted into the event from the archive. See also the [Entries reference](#).

To enter a class, click on the dropdown button in the class field  and select one. You can also use the keyboard. Just begin with the first character of the class. Then the class list will popup. Play a bit around what happens if you type further to get a feeling for that. You can also move with the [arrow keys](#) in the list and finally enter the class by **Enter**.

There is an automatic connection between the competitors and the classes grids. You can select a competitor in Edit mode. Then switch to the classes grid. The right class will be preselected so that you can do quick changes to the class.

#### Club

Entering the club just works in the same way as with the class. However, there is one difference. When adding a new competitor with a new club, you can use the [Insert club button](#)  to enter this club.

There is an automatic connection between the competitors and the clubs grids. You can select a competitor in Edit mode. Then switch to the clubs grid. The right club will be preselected so that you can do quick changes to the club.

#### YB, Sex

Enter the year of birth in the full four-digit format. This may be required for calculations. In the reports the last two digits will be displayed only. See also the description of the class above.

#### Input order

This number can't be modified since it is filled automatically. You can sort by this column to get just the input order.

#### Chipno SI, Chipno Emit

**Please do distinguish precisely between these two columns!** When inserting a competitor into the event, the right chip no. will be copied according to the chip system which is used at the event.

#### Rented

You can use the column [Rented](#) to use the archive for *administering a pool of chips which are to be rented* at events. You can indicate such chips by a special "name" and "club".

If such a chip ("person") will be inserted into the event, then only the chip no. will be copied. All other fields will not be transferred, so that you have to add the real name of the competitor. See also the [Entries reference](#).

#### Address

You can't edit the address directly in the grid. You have to click on the edit button  to display the address dialog. For more details see the [Address dialog reference](#).

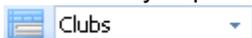
#### Extra fields Num1,2,3

You can use those fields for any purpose. You can define your customized names for those columns in the [Extra fields dialog](#).

#### Extra fields Text1,2,3

## Using the group by feature

Sometimes you prefer to use the group by feature to get a better overview. You can group by clubs or classes:



This will change the display of the grid:

Input order	Chipno SI	Surname	First name	YB	Sex	Class	Club	Id/Club	Db Id
+ Alstermo IF									
+ Alvesta SOK									
+ OK Anne									
- Anderstorps OK									
226	25877	Adolfsson	Veronica	1971	M	D35	Anderstorps OK	22109	1070
227	42659	Berkö	Johan	1972	M		Anderstorps OK	407649	1070
228	25876	Davidsson	Sara	1988	M	D14	Anderstorps OK	22112	1070
229	302614	Dybeck	Sara	1994	M	IN	Anderstorps OK	569495	1070
230	25855	Hedenfeldt	Arne	1941	M	H60	Anderstorps OK	22100	1070
231	25860	Karlsson	Sten	1959	M	H40	Anderstorps OK	90154	1070
232	25863	Kristoffersson	Anders	1965	M	H35	Anderstorps OK	166878	1070
233	25869	Kukkohovi	Sinikka	1949	M	D50	Anderstorps OK	22102	1070
234	25881	Lund	Sven-Erik	1934	M	H65	Anderstorps OK	22107	1070
235	25859	Persson	Lif	1949	M	H55M	Anderstorps OK	22091	1070
236	302623	Petersson	Rasmus	1994	M	IN	Anderstorps OK	30303	1070
237	42199	Stureson	Maria	1962	M	D45	Anderstorps OK	30298	1070
238	302621	Valtersson	Anna	1994	M		Anderstorps OK	485328	1070
239	25862	Valtersson	Peter	1961	M	H40	Anderstorps OK	22097	1070
240	25857	Wilander	Anders	1954	M	H45	Anderstorps OK	22089	1070
241	25870	Wilander	Ann	1956	M	D45	Anderstorps OK	166889	1070
242	25851	Wilander	Ingvar	1926	M	H75	Anderstorps OK	22094	1070
243	42594	Wilander	Lisa	1989	M		Anderstorps OK	22098	1070

You can now expand the club which you want to focus on. Independently of the club sort order, you can sort the competitors by any different column. Grouping by classes works in the same way.

See also the [Working form reference](#).

## Editing classes

You can build your own archive classes table as a template for your events. You may do this manually or [import the classes](#) from an external database.

See the [paragraph above](#) for more information about handling classes with the archive.

Click on the **classes tab** Classes to display the classes grid.

* No /	Short	Long	Start fee	Sex	Age from
10	D21E	D 21 Elite	10,00 €	F	21
20	H21E	H 21 Elite	10,00 €	M	21
100	D10	D -10	7,00 €	F	0
110	H10	H -10	7,00 €	M	0
120	D12	D -12	7,00 €	F	11

When working on the classes, please observe the following hints for the columns.

**No** The **class number** identifies the class uniquely. In insert mode, this input field will be filled with the next available number as a default. However, to have more flexibility for later additions, you may prefer to enter class numbers in steps of 10. Have a look into the demo archive to get a feeling about suitable class short and long names as well as class numbers.

A class number must be unique. In addition to the class name, reports can be sorted by

this number. Thus you can define a class order of your choice by assigning suitable numbers.

**Short, Long**

The **short name** must be unique and should be as short as possible to speed up keying in the entries. Typing two or three letters without blanks is very fast and it will speed up also the selection from the automatic list box. The **long name** can be more descriptive and longer and include blanks. Short and long names can be used alternatively in reports. Just select what you prefer. In some cases the short name will appear on reports for limited space reasons. Use capital letters for them, so it looks reasonable on the reports.

**Start fee**

The **start fee** will be important here if you are using this archive table as a template for your events. It will be copied together with all other columns into the event.

**Currency sign**

OE2010 uses the currency sign of your Windows settings. To change it, go to **System Panel-Country settings**. There you can also define the layout of currency amounts, whether the sign should be shown before or behind the value.

**Start fee 2**

For **special purposes**, you can define a **second start fee**, which will also be copied into your event. See also the **entries reference**.

**Sex, Age from, Age to**

Enter values for **Sex**, **Age from** and/or **Age to** if you want to calculate the appropriate class of competitors being inserted from the archive. It is sufficient to have Age to only for youngster classes and Age from only for veteran classes. See the **Entries reference** for more details.

**Type 1, Type 2**

You can assign a class to **two different class types**. You can define your own description for these types with the **extra fields**. Those types provide you additional selections for **start list** and **result reports**.

To modify a class type, click on the dropdown button in the column  and select one. You can also use the keyboard. Just begin with the first character of the class type. Then the types list will popup. Play a bit around what happens if you type further to get a feeling for that. You can also move with the **arrow keys** in the list and finally enter the class type by **Enter**.

You can define your customized class type names in the **Extra fields dialog**.

**Classified**

This column is checked by default which means that in the results the class will be classified by times and places. If you **uncheck** this, then in the result of this class there will **only be a comment** whether the competitors did their course correctly.

**Note:** In OE2010 versions prior to 1.1.2012, this was how the **special class type 1** called **Beginners** worked. Now this behaviour is independent of any class type according to the semantics of the new IOF XML standard V3 which had been introduced in 2012.

**- Editing clubs**

The clubs grid is mainly designed for doing modifications. Click on the **clubs tab**  to display the clubs grid.

Competitors Clubs Classes						
*	No	City	/	Cl.name	Nat	Meldung
	15	Berlin-Schöneeweide		ESV Lok		Klaus Schlittermann, , Gütthlander Straße 14, , 129
	16	Bernried		WSV		Georg Biller, , , , ,
	17	Bielefelder Ski-Club				Günter Brusdeilins, , Hollensiek 2, , 33619, Bielefe
	18	Bielefelder TG				Katharina Deuber, , Dürerstr. 44, , 33615, Bielefe
	1001	Bierbach		TV 05		Tamar Guggemoos, , , , ,
	19	Bottrop		DJK Adler		Dieter Schlaefke, , Geschwister-Scholl-Weg 3, ,

When working on the clubs, please observe the following hints for the columns.

**No** The **club number** identifies the club uniquely. In insert mode, this input field will be filled with the next available number as a default. A club number must be unique. Like by other fields, reports can be sorted by this number. Thus you can define a club order of your choice by assigning suitable numbers.

**City, club name** Editing a club is split into those two fields to allow a reasonable alphabetical sort order by

the city which is part of the full club name. In the reports, the full club name will be composed of the club name and the city.

**Examples:** In many countries, clubs are written like [TuS Mitterteich](#), TV Coburg-Neuses, TOLF Berlin, etc. Those clubs should be entered with [TuS as the club name](#) and [Mitterteich as the city](#) and so on. See the (German) demo events. There are also other clubs in which names the [city is naturally at the beginning](#), like [Ronneby OK](#). Those clubs should be entered [completely into the city](#) and the name should be left blank. In some countries, it is usual that they don't use full city names at all, but [only the abbreviation](#), like [USOC](#), [HAVOK](#), [AIRE](#), [GRAMP](#), etc. In this case, the abbreviations must be entered [into the city field](#).

[Location, Region](#)

Use those columns to allow even more sort orders for clubs in reports. These fields are new in V11, so they may be filled appropriately by new archive imports.

[Nation](#)

The nation abbreviation should only be entered for foreign clubs.

[Addresses](#)

You can enter up to three addresses per club. You can't edit the addresses directly in the grid. You have to click on the edit button  to display the address dialog. For more details see the [Address dialog reference](#).

You can define your own description for these columns with the [extra fields](#).

[Num1, Num2, Text1, Text2](#)

There are four additional fields available for numerical or text data. You can define your own description for these columns with the [extra fields](#).

## – The club dialog

The club dialog will appear if you enter a new club manually together with a new competitor. See also the [competitors paragraph](#).



Enter the fields as described above. Note that in this dialog you can enter the first club address only. If you want to enter more addresses, then you must do this later in the clubs grid.

## – Special functions

### Search next doublet

This function can be found under the **Edit** menu item or you can use the toolbar button  or the hotkey **F12**. This function searches always in the current sort order. Mostly it will be used to search for multiple chip numbers or database ids.

## – Reports

There are various reports available in the Edit archive form. The titles should be self-explaining.

There are some [special options](#) in the reports which should be explained here.

<a href="#">Time format</a>	The times in the report will be displayed according to this setting.
<a href="#">Names</a>	The names in the report will be displayed according to this setting.
<a href="#">Competitors sorted by</a>	This is available for club and class reports. Within a class/club the competitors will be sorted by the selected field.
<a href="#">Quick selection: type 1 or type 2</a>	This is available for class reports. You can use this to select all classes with the desired class types by checking them. For more information about class types see above.
<a href="#">Quick selection: addresses only</a>	This is available for the reports by competitors. You can use this to select all competitors who have an address entered with a single mouseclick. Note that you have the possibility to sort the selection grid (thus the report output) by zip code and city.
<a href="#">Include addresses</a>	You can select which addresses (1-3) should be included in the club report.
<a href="#">Quick selection: address</a>	In the Addresses of clubs report, you can select which addresses should be selected (1-3).

For general information about reports, see the [reports reference](#).

## – Exports

### CSV export

Most reports can be exported to CSV format. The record structure is given in the header line within the output file (format header). This file has the same structure as the input file required by the [archive import](#). Thus it is possible to export and re-import the archive as often as it is required.

**Notice: The CSV file format has been changed from V.10.x to V.11.0!!**

### XML export

You can export the competitors, classes and clubs reports into the [IOF standard with the relevant document type](#). This is the same format as for the [archive XML import](#).

For more details, see the [exports reference](#).

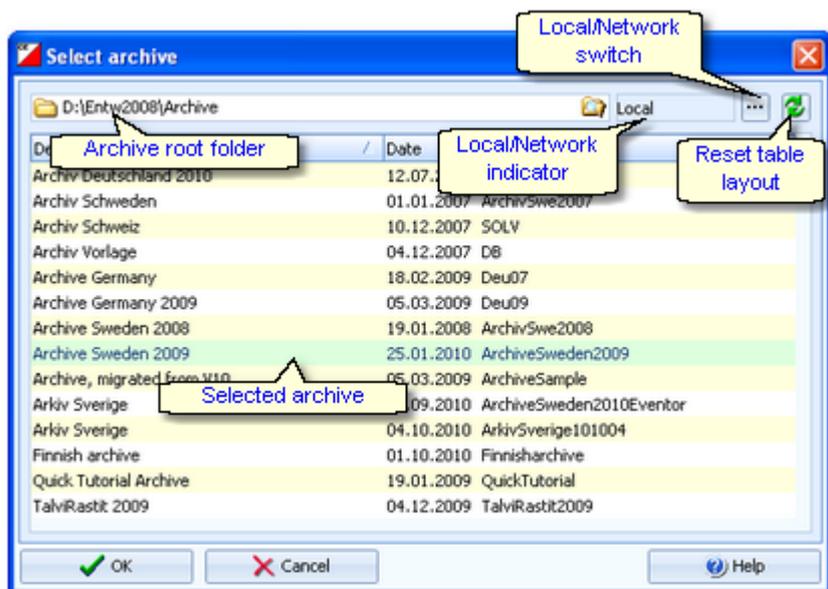
### See also

[Managing archives - Task based help](#)

[Update archive from the event](#)

### 5.11.2 Select archive

On starting, OE2010 always selects the previously selected archive. If this archive cannot be found, you will get a message when you will attempt to open it, f.ex. in the [entries form](#). This form will then indicate that there is no archive selected. One reason may be that you might have renamed, moved or deleted the archive folder or the archive root folder "from outside".



When opened, this dialog displays all the archives which can be found in the current [archive root folder](#).

You can select another archive root folder if necessary. Mostly this will only be used when [switching to a network folder](#) which resides on a remote machine and its hard disk. For more details on how to use the folder list box see the [List box selectors reference](#). For more details on the application folders see the [Application folders reference](#).

The [indicator field](#) shows you if the archive root folder (and thus the archives shown in the list) is on the local hard disk or via the network on a remote hard disk. With the [Local/Network switch](#) you can switch between the last used local and network folders by a single mouseclick. See also the paragraph about [Working in a network](#) below.

You can customize the grid layout and sort the table like you prefer. The most useful sort order is by date (which is the default). Use the [Reset table layout](#) button to do exactly that. For more details on customizing the layout or sorting the table see the [Selection grid reference](#).

To **highlight** an archive, click on it or move using the arrow keys. To **select** it, **doubleclick** on it, press **Enter** or click on **OK**.

## – Working in a network

Since with V11 we have a new data organisation, working in a network is different to V10 and earlier. Basically you can have the archive root folder on any remote hard disk without any limits. Once you had used a remote folder, OE2010 remembers that one in addition to the local archive root folder. That's how the Local/Network switch works. Of course there are some requirements to be observed when working in a network. Please read carefully the topic [Working in a network!](#)

**Notice:** If you are working with different restricted user accounts, then please first study the [Working with restricted user rights](#) chapter.

## See also

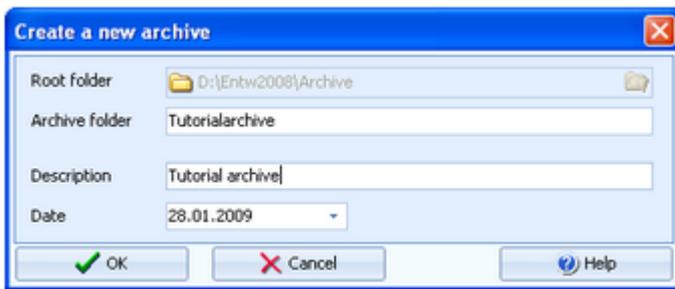
[Managing archives - Task based help](#)

[Working in a network - Task based help](#)

[Working with restricted user rights - Task based help](#)

### 5.11.3 Create a new archive

When creating a new event, the [New archive dialog](#) will be displayed.



You can modify the archive [description](#), the [folder](#) and the [date](#). The date format is as predefined in your Windows settings. You can enter it manually or use the calendar popup.



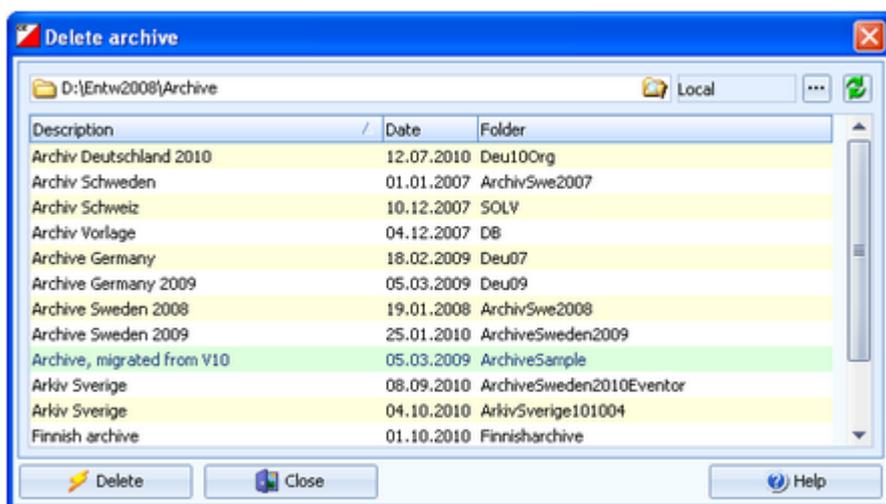
OE2010 will switch into this new archive automatically.

### See also

[Managing archives - Task based help](#)

### 5.11.4 Delete archive

In the course of time old archives, saved archive status, or even test data will enlarge the archive selection list unnecessarily. To delete an archive, select it from the list and click [Delete](#).



**Notice:** If you are working with different restricted user accounts, then please first study the [Working with restricted user rights](#) chapter.

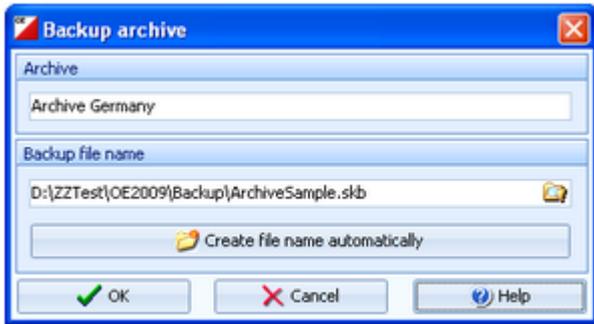
### See also

[Managing archives - Task based help](#)

[Working with restricted user rights - Task based help](#)

### 5.11.5 Backup archive

Do not forget backing up your archive after each working session on it. Especially use the backup file to exchange the archive with other users.



This function saves your archive into a [single compressed file](#) of type `.skb`.

Select or edit the backup file name. For more details on how to use the file selector see the [File selector reference](#). It is recommended to backup data to an [USB stick](#) or to a [remote node](#) in the network.

Use the button **Create file name automatically** to get an appropriate new file name quickly. They are named like `<Archive>_Date_Time.skb`. Those files will be created into the [subfolder Backup](#) of your [Application settings folder](#).

### See also

[Managing archives - Task based help](#)

### 5.11.6 Restore archive

With a regular backup, you have the chance to restore your archive data in error cases. However, the main purpose of the restore function is to copy an archive which had been prepared elsewhere (federation) into OE2010.



Select the backup file which contains your backup dataset. Normally this should be preset from the previous backup. If you let **Create a new archive** checked, then this backup will be copied into a new and empty archive. In this case, you will be able to edit the [folder name](#) which had been preset based on the archive description found in the backup set.

If you want to restore the backup [into the current archive](#), then just uncheck the option [Create a new archive](#).

### Notice

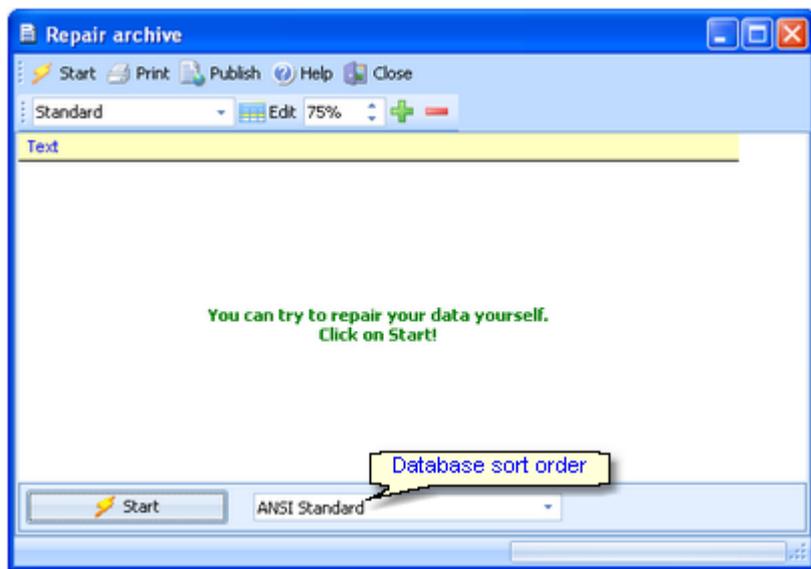
You can only restore backup files which are really archives. If this is an invalid backup (maybe an event backup) or the file does not exist, then the [Description field](#) will display **Backup: invalid file format**.

## See also

[Managing archives - Task based help](#)

### 5.11.7 Repair archive

You can try to repair corrupted data yourself. This may have happened due to faulty network settings. Or you may simply want to change the [database sort order](#).



Click on **Start**. The data will be repaired. Internal structures and file size will be optimized, using the selected database sort order. If you need, you can print the protocol.

#### Notice

The [database sort order](#) is independent of the application language. It defines how the text fields (f.ex. names) are sorted within the archive database. When creating a new archive, the default setting of your Windows configuration will be used. As far as your Windows configuration allows this, you can switch to any foreign sort order here.

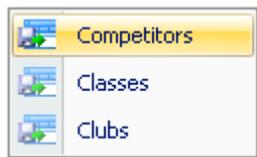
Actually this setting is only important for competitors reports where you have the option to sort the competitors by names within the classes or clubs. The sorting in the working grid always uses your Windows default setting which should be the right one.

## See also

[Managing archives - Task based help](#)

### 5.11.8 Imports into the archive

You can import classes, clubs or competitors into the archive, using the appropriate CSV file format or an XML file which follows the IOF standard.



The average user will not have to deal with exports out of and imports into the archive. In most countries there is a ready-to-use archive available which you simply can make available by the [Restore archive](#) function.

Nevertheless, importing the archive from centrally provided CSV or XML files is also simple as long as you are only creating a new archive.

Only **maintaining the archive** by exports and imports is **reserved for computer experts only** who have thorough experience with spread sheets. Such persons may export and re-import the data after some special evaluations or

update procedures.

To get a sample of the right CSV file format, just export the right report. See the detailed sub-topics for more information.

To get the right information about the IOF XML standard formats, have a look at the IOF web site.

### Notice

**The CSV file formats had been changed from V.10.x to V.11.0!!**

If your import file contains errors then this may damage your archive data.

### See also

[Import competitors into the archive](#)

[Import clubs into the archive](#)

[Import classes into the archive](#)

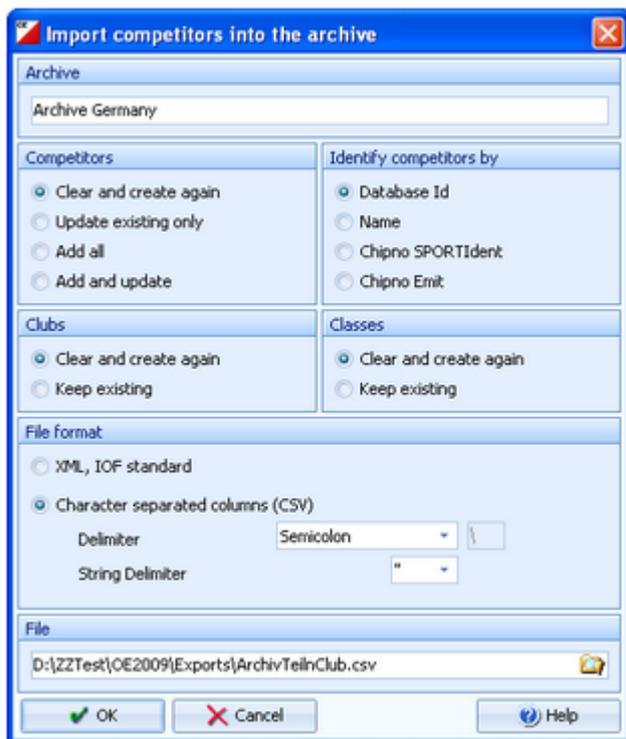
[Export dialog](#)

#### 5.11.8.1 Import competitors into the archive

You can import competitors together with classes and clubs into the archive.

The average user will use an import file which had been provided by the federation or another central place. Just select *Clear and create again* and select the right file.

Only **maintaining the archive** by exports and imports is **reserved for computer experts only** who have thorough experience with spread sheets. Such persons may export and re-import the data after some special evaluations or update procedures, or just provide the right import files for the users in their country.



#### Competitors

#### Identify competitors by

#### Clubs, Classes

Select the right working mode of the import.

Define by which field existing competitors should be identified.

Define how clubs and classes should be handled. *Keep existing* is to be preferred if there were extra clubs and classes imports previously. If the competitor file is the only import file by which you create a new archive, then select *Clear and create again*. With *Keep existing*, missing clubs or classes will always be inserted. They will be identified by the club or class number. Possible name conflicts will be bypassed by issuing suitable names. This will be shown in the report of this import.

#### File format

Select XML or CSV.

<a href="#">CSV</a>	The record structure is given in a special header line at the beginning of the file. The first column is always empty, headed by a unique identification of the export file. To get a sample of the right <a href="#">CSV file format</a> , just export an <a href="#">archive competitors</a> report. When editing this export file or creating a new one, be sure to preserve the first (empty) column which identifies this file as the right one for this import.
<a href="#">XML</a>	This import requires the IOF XML format, document type <a href="#">CompetitorList</a> . For more information on the <a href="#">IOF XML formats</a> , have a look at the IOF web site.
<a href="#">Delimiter, String delimiter</a>	Normally you can leave the defaults <a href="#">Semicolon</a> and <code>"</code> here. If the application which created this import file used other delimiters, then set them accordingly.
<a href="#">File name</a>	Select the import file here. See the <a href="#">File selector reference</a> for more details.

The import will create a comprehensive report about itself which will help you to fix possible errors.

### Notice

**The CSV file format had been changed from V.10.x to V.11.0!!**

If your import file contains errors then this may damage your archive data.

### See also

[Import clubs into the archive](#)

[Import classes into the archive](#)

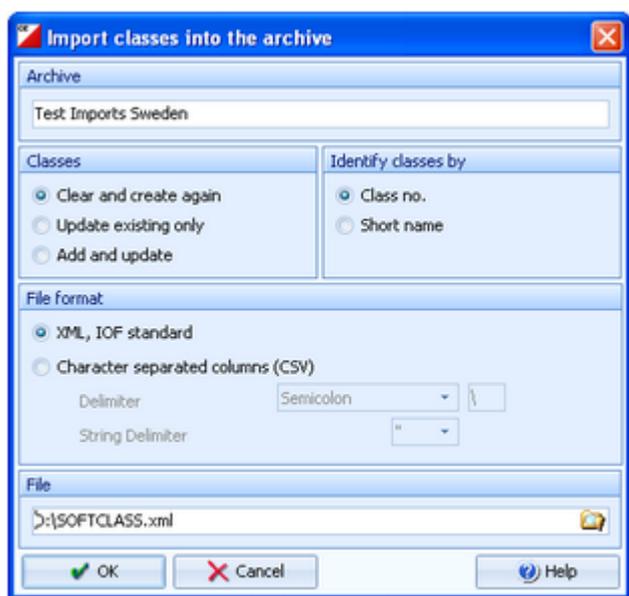
[Export dialog](#)

## 5.11.8.2 Import classes into the archive

You can import classes into the archive.

The average user will use an import file which had been provided by your federation or another central place. Just select [Clear and create again](#) and select the right file.

Only [maintaining the archive](#) by exports and imports is [reserved for computer experts only](#) who have thorough experience with spread sheets. Such persons may export and re-import the class table after some special evaluations or update procedures, or just provide the right import files for the users in their country.



[Classes](#)

Select the right working mode of the import.

[Identify classes by](#)

Define by which field existing classes should be identified. Obviously the [class no.](#) should be preferred.

[File format](#)

Select XML or CSV.

[CSV](#)

The record structure is given in a special header line at the beginning of the file. The first column is always empty, headed by a unique identification of the export file. To get a sample of the right [CSV file format](#), just export an [archive classes](#) report. When editing

this export file or creating a new one, be sure to preserve the first (empty) column which identifies this file as the right one for this import.

**XML**

This import requires the IOF XML format, document type *ClassList*. For more information on the [IOF XML formats](#), have a look at the IOF web site.

**Delimiter, String delimiter**

Normally you can leave the defaults *Semicolon* and *"* here. If the application which created this import file used other delimiters, then set them accordingly.

**File name**

Select the import file here. See the [File selector reference](#) for more details.

The import will create a comprehensive report about itself which will help you to fix possible errors.

**Notice****The CSV file format had been changed from V.10.x to V.11.0!!**

If your import file contains errors then this may damage your archive data.

The [XML format](#) may have *created new class types* (class type 1). If this is the case, then you will get a reminder at the bottom of the log report. Since in OE2010 the names of the class types are terms which are subject to the language translation, please check out the [Extra field names](#) whether this is what you expected and exit this dialog by **OK** to get the new translations working.

**See also**

[Import competitors into the archive](#)

[Import clubs into the archive](#)

[Copy classes into the event](#)

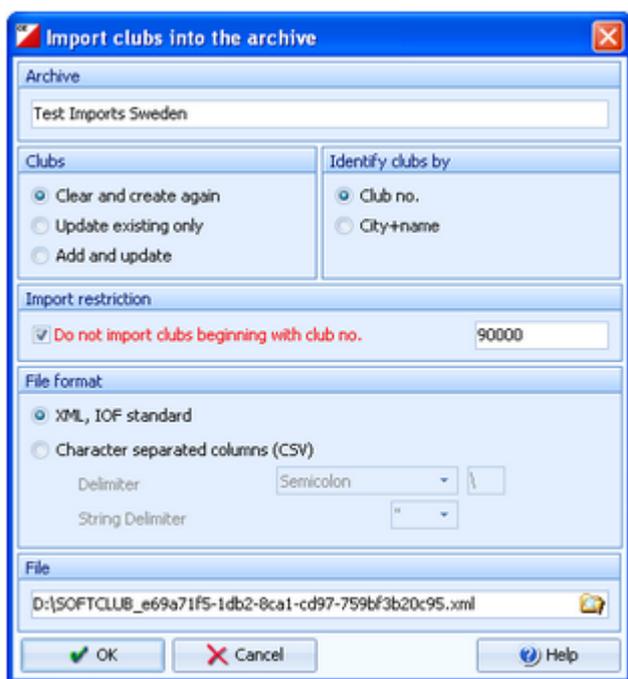
[Export dialog](#)

**5.11.8.3 Import clubs into the archive**

You can import clubs into the archive.

The average user will use an import file which had been provided by your federation or another central place. Just select *Clear and create again* and select the right file.

Only [maintaining the archive](#) by exports and imports is **reserved for computer experts only** who have thorough experience with spread sheets. Such persons may export and re-import the club table after some special evaluations or update procedures, or just provide the right import files for the users in their country.

**Clubs**

Select the right working mode of the import.

**Identify clubs by**

Define by which field existing clubs should be identified. Obviously the **club no.** should be preferred.

<a href="#">Import restriction</a>	Some suppliers (web services) of the import file may deliver a file which includes many obsolete clubs. Normally they have club numbers above a special limit. If you check <a href="#">Do not import clubs beginning with club no.</a> and enter this limit here, then those clubs will not be imported.
<a href="#">File format</a>	Select XML or CSV.
<a href="#">CSV</a>	The record structure is given in a special header line at the beginning of the file. The first column is always empty, headed by a unique identification of the export file. To get a sample of the right <a href="#">CSV file format</a> , just export an <a href="#">archive clubs</a> report. When editing this export file or creating a new one, be sure to preserve the first (empty) column which identifies this file as the right one for this import.
<a href="#">XML</a>	This import requires the IOF XML format, document type <a href="#">ClubList (V2.0.3)</a> or <a href="#">OrganisationList (V3.0)</a> . For more information on the <a href="#">IOF XML formats</a> , have a look at the IOF web site.
<a href="#">Delimiter, String delimiter</a>	Normally you can leave the defaults <a href="#">Semicolon</a> and " here. If the application which created this import file used other delimiters, then set them accordingly.
<a href="#">File name</a>	Select the import file here. See the <a href="#">File selector reference</a> for more details.

The import will create a comprehensive report about itself which will help you to fix possible errors.

### Notice

**The CSV file format had been changed from V.10.x to V.11.0!!**

If your import file contains errors then this may damage your archive data.

### See also

[Import competitors into the archive](#)

[Import classes into the archive](#)

[Export dialog](#)

## 5.11.9 Copy classes into the event

You can copy the class table from the archive into the current event. Most national archives offer a template class table. You can use this as a starting point for the actual class table of your event.

Please make sure to copy only into a new event! If you would copy the classes into an event which was not empty, you may lose classes which had been already referred by some entries, or you may lose start list settings.

This action will create a comprehensive report about itself which will help you to fix possible errors.

### See also

[Classes](#)

[Archive](#)

[Import classes into the event](#)

## 5.11.10 Copy clubs into the event

You can copy the clubs from the archive into the current event.

Please make sure to copy only into a new event! If you would copy the clubs into an event which was not empty, you may lose clubs which had been already referred by some entries or the existing club numbers may point to the wrong clubs. However, there will be no problem if you had entered those entries using the same archive and the option [Use archive club numbers](#).

This action will create a comprehensive report about itself which will help you to fix possible errors.

**Notice:** Normally, clubs will be inserted automatically with the entries. This ensures that you only have those clubs in your event which had actually entered. Please use this import only if you really need to have all clubs from the archive within your event.

### See also

[Clubs](#)

[Archive](#)

## [Import clubs into the event](#)

### 5.11.11 Update archive from the event

Usually, national archives will be maintained by somebody of the federation and you will create the competitors' archive by an [import](#) from an external database.

However, for special purposes (f.ex. frequent training events), you can maintain your own (smaller) archive. This function provides you a powerful tool for that. Actually I myself am using it now for maintaining the German national archive.

It is a good practice to have this form open together with the [edit archive form](#) and arrange them side by side. So you can do necessary edits or checks quite easily, f.ex. inserting new clubs.

Basically updating the archive consists of 4 steps:

- Validating the club assignments
- Displaying the differences between the event and the archive
- Selecting competitors for the update
- Updating the selected competitors

It is recommended to perform the last two steps in several rounds. See the paragraphs below for more details.

**Notice:** Please have in mind [two basic rules](#). Inserting new clubs must be done manually in the edit archive form. Also the database ids for new competitors in the archive must be defined in the archive form.

#### – Step 1: Validating the club assignments

When opening the form, OE2010 checks the clubs in the event and tries to assign them to the clubs in the archive. This is easy and straightforward if you had already used the same archive for the event and if you had set the [Copy archive club no. flag](#) for the entries. For more details see the [Entries reference](#). However, this may not be the case. OE2010 will detect automatically whether the club numbers from the archive had been used. If this is not the case, then it tries to identify the clubs by the club name and city.

You will be prompted to validate the assignments.

Event				Archive			
No	City	Cl.name	Nat	No	City	Cl.name	Nat
1	(Vakant)						
100	(ohne Verein)						
3	Achmer					SC	
4	Alsbach					SV	
5	Bad Dübren					MTK	
6	Bad Harzburg						
7	Berlin						
8	Berlin	TOLF		10039	Berlin	TOLF	
9	Berlin-Schönevide	ESV Lok					
10	Bernried	WSV		10051	Bernried	WSV	
12	Bielefelder Turngemeinde						
13	Bierbach	TV					
14	Bottrop	DJK Adler				DJK Adler	

Differences between the event club and its archive assignment are displayed in red colour while missing assignments are shown in purple. In most cases, the club could not be found in the archive because it had been written differently in the event. That's normal if you did not use the archive...

So the next task is to assign all those clubs manually until the really new ones will remain only.

No	City	Cl.name	Nat	Location	Region
10000	- ohne Verein -				
10001	Bissendorf	TC			
10003	Achmer	SC			
10009	Alsbach	TV 1898			
10016	Altenstadt	VfL			
10017	Annen	SU			
10019	Aschbach	TV			
10021	Auerwald	LT			
10023	Bad Cannstatt	TB			
10024	Bad Dübren	SV			
10025	Bad Dürkheim	LC			

In the upper assignment table, highlight a club whose assignment is missing. Look for the club in the bottom archive table. If you found it, then click the **Assign club** button or **doubleclick** the club in the archive.

If you need to clear a previous assignment, highlight the club in the upper table and click the **Clear club assignment** button or press the **Del** key.

Finally, the remaining unassigned clubs should be those which are actually new for the archive. Now you should switch into the Edit archive form and enter them there. Please take care of assigning appropriate club numbers. Look into the [Edit archive reference](#) if necessary.

After that, refresh the archive table at the bottom and assign the new clubs. At the end, you should only leave those clubs unassigned which should definitely not be entered into the archive, f.ex. foreign clubs at an international competition.

**Notice:** You can use any sort order and customize the layout as usual. However, hiding and resizing the columns is possible in the left event table only. The columns of the right archive table will be adjusted automatically so that you get the best overview. You can also arrange the columns in two lines for each record.

**Step 2: Displaying the differences between the event and the archive**

**Differences**

Identify competitors by

- Database Id
- Chip
- Name
  - Year of birth
  - Club

Select the right fields by which you want to **identify the competitors**. If the entries had been done using this archive, then select Database Id, otherwise Name and Year of birth will be the right choice. The priorities are given by the order of the items. Always the most propable competitor will be assigned. F.ex., if you had selected database id and name, and there is only a single competitor with the right database id but another name in the archive, then this one will be assigned. Click on the **Differences** button.

**Differences**

Total	343
Not definite in the archive	149
Not in the archive	58
Chip	113
Name	0
Year of birth	6
Sex	2
Club	27
Address	0

At the left, you see a summary of the differences. **Not definite in the archive** means both those who can't be determined uniquely from the archive and those where the club is not assigned to an archive club (see the above paragraph).

Event					Archive			
Selected	Surname	First name	YB	Sex	Surname	First name	YB	Sex
Input orde	Club	Db Id	Chip	Club	Db Id	Chip		
<input type="checkbox"/>	Hallouard	André	1950	M	--- Club not found in the archive			
2253	Erstein FRA, ASOP		1396894					
<input type="checkbox"/>	Hartenstein	Astrid	1987	F				
2282	Dresden, USV TU		2008964					
<input checked="" type="checkbox"/>	Hartmann	Melike	1974	F	Hartmann	Melike	1974	F
2186	Horn, TGV		231995		Horn, TGV		100901	
<input type="checkbox"/>	Heiselbetz	Markus	1996	M	Heiselbetz	Markus	1996	M
2098	Lübbecke, TuS		500937		Lübbecke, TUS		100946	4873
<input type="checkbox"/>	Hellmann	René	1963	M	--- No definite assignment possible			
2292	Dresden, USV TU		2000173					
<input type="checkbox"/>	Henseler	Theo		M				

Only those competitors with differences to the archive or those who are not in the archive will be displayed. Differences to the archive are displayed in red colour and missing assignments are shown in purple. Indefinite assignments are shown in blue, also those whose club has no assignment in the clubs table.

**Notice:** You can use any sort order and customize the layout as usual. However, hiding and resizing the columns is possible in the left event table only. The columns of the right archive table will be adjusted automatically so that you get the best overview. You can also arrange the columns in two lines for each record.

If a competitor has a **rented chip**, then he will be displayed without this chip no, since he should not be assigned to this chip in the archive.

**Step 3: Selecting competitors for the update**

**Select**

Quick selection

- All
- None
- Modifications only
- New inserts only

Selected 1

Select the competitors whom you want to update in the archive. Use one of the quick selection possibilities and/or select or deselect competitors individually. It is recommended to work in several rounds, see the **How to** paragraph at the bottom.

## – Step 4: Updating the selected competitors



First check the columns which you want to update and then click on the **Update archive** button. The table of competitors will be updated automatically. You may check the numbers given in the summary before and after this task to get an idea whether everything worked as expected.

*Be careful with updating names and sex!* Most likely they are wrong in the event and not in the archive. That's why they are not selected by default.

The selection is not valid for new inserts into the archive, since all details of those competitors will be copied in this case.

The database id must be maintained in the archive table directly.

## – How to work effectively

For an effective working, you will have to repeat the steps 3 and 4 several times with different goals. Every loop will reduce the number of competitors in the table of differences until there will be no one left in the best case. Try using different sort orders which help you in the best way.

If you had used the archive for the event, first use the database id for identification. For the remaining competitors, try identifying them by name or chip.

### 1. Check the Club not founds

If a competitor is marked in blue with this message, then this means that his club is not assigned to an archive club. Check out all those clubs as given under step 1 above. After that, refresh the competitors table using the **Differences** button.

### 2. Update the existing competitors

Quick select **Modifications only**. Scroll through the table and verify all differences displayed in red whether this should be written into the archive. If you are unsure for a certain competitor, deselect him for now. Mostly there will be new chip numbers or club changes. Perform the update.

### 3. Check out name changes

There may be changes of names because of marriage f.ex. This step is only important if you are not using the database id. You can try to find such competitors by identifying them by the chip number. You will easily see if there is such a case among the competitors displayed. Just select each of them manually and update him individually. Don't forget to select the **Update name** option for this step only.

### 4. Insert competitors not found in the archive

If necessary, set the identifying criterium back to name and display the differences.

Those competitors displayed in purple can actually be new for the archive but most likely they are not found there because their names are written wrongly in the event. Look in the archive competitors table for the competitor and assign him manually using the **Assign competitor** button or by **doubleclick**. Also check out the blue ones for the right archive person.

Finally, there should remain those unassigned who really must be inserted into the archive. Quick select them using the option **New inserts only**. Scroll through the table to verify the selections. If you are sure for the changes of competitors whom you had assigned manually, select them manually. Perform the update.

### 5. Work on all remaining competitors individually

Try to find out what is the matter with the remaining competitors. Again, there may be those not identified from step 4 (since your manual assignment had been reset). Just check out all the others. If this would be the better choice, edit them in the archive directly.

### 6. Add the database ids in the archive

In the **edit archive** form, sort the table by input order. At the end, you will see the new inserts without a database id. Enter appropriate database ids manually.

## See also

[Managing archives - Task based help](#)

[Edit archive](#)

## 5.12 Settings

There are several application-wide settings which can be defined under the **Settings** main menu item.

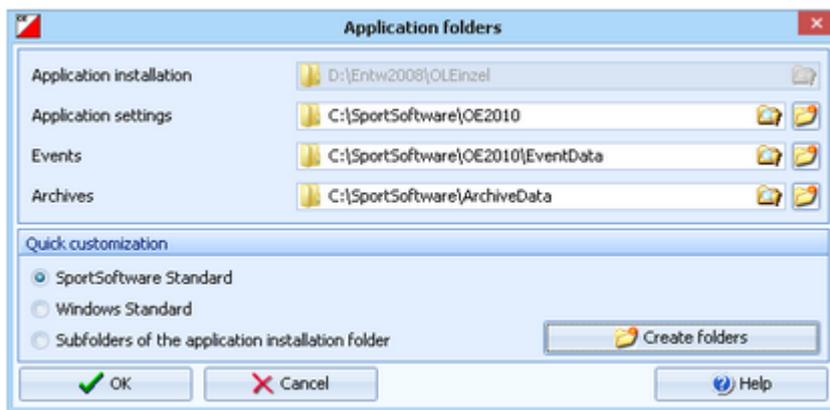


All settings items in this menu are quite self-explaining.

Just browse through this section using the browse buttons at the top. For reference purposes, you can use the table of contents as an index. Just pick out the setting you need more information about and look there.

### 5.12.1 Application folders

Differently to previous SportSoftware versions, the SportSoftware V11 has a **new data organisation** which follows the standard which is defined by Windows XP, Vista and newer Windows versions. Basically this means that the application settings like report layouts, the event data and also the archive data must not be saved in subfolders of the installation folder (like it had been the case with SportSoftware V10 and older). Instead, since Windows XP there are special user folders designed for that. With the SportSoftware V11, you can use predefined folder sets or define your own ones. This is the task of this dialog.



<b>Application installation</b>	This shows the folder where OE2010 is installed.
<b>Application settings</b>	This is the folder where all application settings will be saved. This includes Ini files for the forms, report layouts, label layouts and more.
<b>Events</b>	This is the <b>event root folder</b> . This means, all events will be saved in subfolders there, so that you are able to see them all in the <a href="#">selection list</a> . This folder can also be changed when selecting another event. See the <a href="#">Select event reference</a> . You can also enter a folder in the network here. See the <a href="#">Working in a network - Task based help</a> for more details.
<b>Archives</b>	This is the <b>archive root folder</b> . This means, all archives will be saved in subfolders there, so that you are able to see them all in the <a href="#">selection list</a> . Enter a folder here which is neutral to all SportSoftware applications, so that you can use the same archive from different SportSoftware applications simultaneously. This folder can also be changed when selecting another archive. See the <a href="#">Select archive reference</a> . You can also enter a folder in the network here. See the <a href="#">Working in a network - Task based help</a> for more details.

You can define the folders freely like you want to have them. **Caution:** Do not use a subfolder of *C:\Programs* here! For your convenience, OE2010 offers three quick settings which can be selected in the **Quick customization box**.

**SportSoftware Standard** This is the default setting.

	<i>Application settings</i>	C:\SportSoftware\OE2010
	<i>Events</i>	C:\SportSoftware\OE2010\EventData
	<i>Archives</i>	C:\SportSoftware\ArchiveData
Windows Standard	This is the setting like Windows would define this by default.	
	<i>Application settings</i>	C:\Documents and Settings\All Users\Application data\SportSoftware\OE2010
	<i>Events</i>	C:\Documents and Settings\All Users\Application data\SportSoftware\OE2010\EventData
	<i>Archives</i>	C:\Documents and Settings\All Users\Application data\SportSoftware\ArchiveData
Subfolders of the application installation folder	<b>Notice:</b> Only use this option if you did <b>NOT</b> install into <i>C:\Programs\...</i> !	
	<i>Application settings</i>	<Application installation folder>
	<i>Events</i>	<Application installation folder>\EventData
	<i>Archives</i>	<Application installation folder>\ArchiveData

Select one of the options and then click on **Create folders** to create them and display them in the dialog. Save this with **OK**.

### Notice:

You can change any of the folders (individually) at any time.

If you change the settings folder then you will be asked how to handle the settings.

Choose *Use the settings from the new folder* if you want to maintain several different application settings pools.

Choose *Keep current application settings* if you want to copy the current settings into the new folder.



If you change the event root folder or the archive root folder, then nothing will be copied. This allows you to maintain multiple event lists and multiple archive lists for special purposes.

If you are working with different restricted user accounts, then please first study the [Working with restricted user rights](#) chapter.

### See also

[Managing events - Task based help](#)

[Managing archives - Task based help](#)

[Working in a network - Task based help](#)

[Migrating events from V.10.3 - Task based help](#)

[Select event](#)

[Select archive](#)

[Folder selector](#)

[Working with restricted user rights - Task based help](#)

## 5.12.2 Extra fields

You can define your own names for the extra fields.



**Extra fields** are free definable fields. You can use them for any purpose. Define here the descriptions of the extra fields. Those will be used everywhere within the application. This applies also to the reports. Please check a suitable report whether your description fits into the available space.

In addition to those extra fields, you can also apply your own descriptions for the various **class type** values. See also the [Classes reference](#). If an [archive class import](#) imported the class types, then please check them out if they are reasonable.

### Notice:

A description given here overwrites any language translation. In some special applications (e.g. Smålandskavlen), some of the extra fields are preassigned for special purposes.

## 5.12.3 Language

You can switch the language at any time.



If there is a translated help file for the language, then this will be selected, otherwise you will be asked to [check if one is available](#) from **SportSoftware online**. If this is not the case (or you did not download it), then the English help will be used.

## Notice

You can also download the help file in your language manually from the [SportSoftware V11 download page](#). Copy it into your application installation folder and reselect your language afterwards.

If the application does not support your language yet, please contact the author. He will provide you his powerful [Multi Language Manager](#), by which you can translate the application yourself.

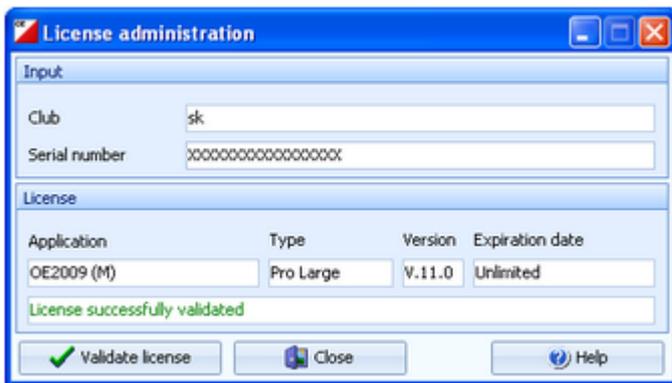
## See also

[Check for updates](#)

## 5.12.4 License

OE2010 comes in different editions. See [How to buy OE2010](#) for more details.

You can enter and validate your serial number here.



Enter your [club](#) and the [serial number](#). Click on **Validate license**. This will show the license details in the [License box](#). If the serial number is invalid, you will get an error message.

If you close this dialog without a valid serial number, then the application will work in trial mode.

## See also

[How to buy OE2010](#)

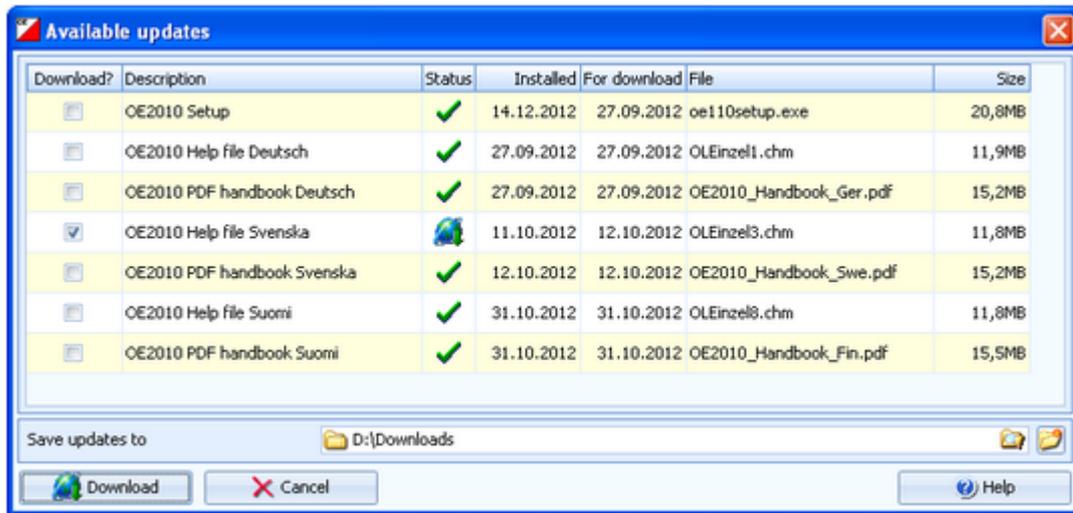
## 5.13 Common Dialogs

There are several common dialogs which can be invoked from many forms. So they will be explained in this section. Just browse through this section using the browse buttons at the top. For reference purposes, you can use the table of contents as an index. Just pick out the topic you need more information and look there.

### 5.13.1 Check for updates

You find this menu item in the main menu under the *Help* submenu.

First OE2010 tries to connect to *SportSoftware online* and to recall the information about available updates from there. Then it displays them in a list.



The files available on *SportSoftware online* are checked against what is installed locally on the PC. Every download which appears to be already installed locally, will be marked with **status OK** ✓ while the others will get the **status to be downloaded** 🌐. The check marks in the **Download?** column will be preset accordingly. However, this is only the preselection done by OE2010. You are free to select/deselect any download manually.

Click on the **Download** button to start the downloads. The files will be saved into the folder which you had entered into the field **Save updates to**. **Notice:** This folder **must not be a system folder** like *C:\programs\...*! It must be a private folder with full access rights.

After the download, the help files and the PDF handbooks will be *copied into your application installation folder*. OE2010 will insert a *shortcut for the PDF handbooks* into the *SportSoftware start menu*. **Notice:** For this step, OE2010 launches a small application called *SKUpdater.exe*. You will be asked by the User account control (UAC) of Windows Vista/7/8 to *allow to elevate to admin rights*, so that these actions can be performed.

Besides this manual check, OE2010 does automatic checks for updates in the following cases:

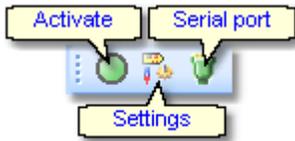
1. On application startup, if OE2010 detects that its Exe file is older than 3 months. This check will happen only once a month.
2. When [selecting another language](#) and OE2010 detects that either there is no help file available for this language or it appears to be outdated.

### See also

[Language](#)

### 5.13.2 Handling the chip system devices

In every form which works with chip system devices, you will find the **chip system toolbar** and a **menu item Chip system** which offers the same buttons.



The **Activate device** button initializes the device. In most cases, OE2010 sends some initialization commands to the device by which it tests whether the device is connected and has the right port settings. There may also be some possibility to identify the device.

This will turn the **Device status LED** in the status bar to the right colour:

- Ready
- Busy
- Off or not available (not ready)

There are some devices which don't support such commands at all like the Emit 250 reader. In this case the device status will simply be switched to Ready.

The **Chip system settings** button opens the SportIdent settings dialog or the Emit settings dialog. There you can define how the chip system should be used in your event. See the [SportIdent settings reference](#) or the [Emit settings reference](#) for more information.

The **Serial port settings** button opens the [Serial port settings dialog](#).

#### See also

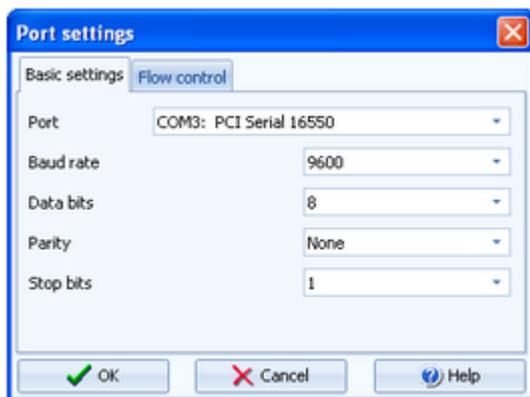
[SportIdent settings](#)

[Emit settings](#)

[Serial port settings](#)

### 5.13.3 Serial port settings

The chip system device has to be connected to an available serial or USB port.



Select the right **COM port**. **Notice:** USB converters, the driver for the SportIdent USB stations and the driver for the Emit USB devices will install **virtual COM ports** on your machine. You will recognize them easily in the COM port list.

See the following table for recommended settings.

<a href="#">SportIdent stations BSF6 and older</a>	4800bps, 8 data bits, no parity, 1 stop bit
<a href="#">SportIdent stations BSF7 and newer, also USB</a>	38400bps, 8 data bits, no parity, 1 stop bit If this seems not to work, then try 4800bps. Not all stations are shipped with the same presettings.
<a href="#">Emit 250 Reader, Emit MTR2,3,4</a>	9600bps, 8 data bits, no parity, 1 stop bit
<a href="#">Emit RTR, Emit ETR</a>	Using in <a href="#">Read chips</a> : 4800bps, 8 data bits, no parity, 1 stop bit Using in <a href="#">Time taking</a> : 1200bps, 8 data bits, no parity, 1 stop bit
<a href="#">Emit ECU/MTR5, ETS/ECB</a>	115200bps, 8 data bits, no parity, 1 stop bit

MicroGate REI2	38400bps, 8 data bits, no parity, 1 stop bit
MicroGate RaceTimer2	2400bps, 8 data bits, no parity, 1 stop bit
ALGE TdC8000, Timy	You can set the speed to 2400, 4800, 9600, 19200 bps. This must match the setting of the device. Additionally 8 data bits, no parity, 1 stop bit.
ALGE S3	2400bps, 7 data bits, no parity, 2 stop bits
ALGE S4	2400bps, 8 data bits, no parity, 1 stop bit

With [SportIdent devices](#), OE2010 will find the right speed automatically. So just change the COM port when selecting another device at a different port.

The [Flow control](#) settings are not important here and should **ALWAYS** be left at their default values.

Hardware flow	None
Software flow	None
DTR control	Off
Device check	No

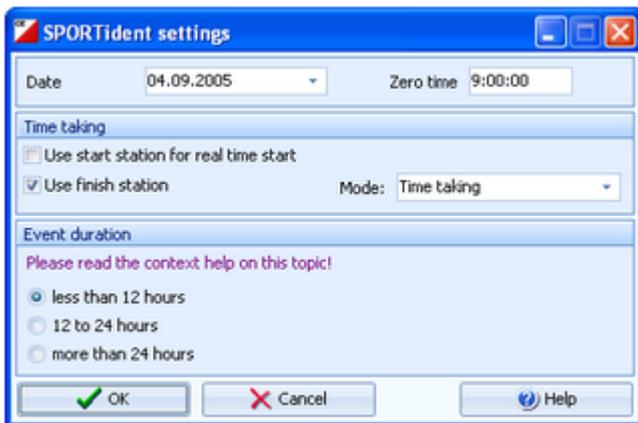
If you encounter any problems connecting a device to your PC, please [contact the author](#).

## See also

- [Handling the chip system devices](#)
- [SportIdent settings](#)
- [Emit settings](#)

### 5.13.4 SportIdent settings

In the SportIdent settings dialog you define how to use SportIdent in the event.



**Note:** in this topic, the term **SICard6** means all SportIdent chips of the type **SICard6 and higher or newer**.

<a href="#">Date</a>	The date will become important if you are using <b>SICard6</b> and will have an event duration of <a href="#">more than 24 hours</a> .
<a href="#">Zero time</a>	SI station clocks had been set to the current clock time before the event. Each SI station writes its clock time to the SI card on punching. To ensure correct punching time calculation (not to forget punched start or finish times), you have to update the zero time to the actual value, f.ex. after a start delay. It is recommended to do this before reading the first SI card. Thus, result sheets will be correct from the beginning on. However, there will be no problem to change this later. The application will adjust all times automatically. For more details see the <a href="#">Evaluate chips reference</a> .

With SportIdent, you have several choices how to perform the **time taking** at your event.

<a href="#">Use start station for real time start</a>	<p>You can use a SI station at the start. Competitors have to punch this station when going off. If you select this option, the usual (predrawn) start time will be replaced by the punched one on reading the chip. The running time will be calculated using this real start time. This is the preferred method to organise small events without predrawn start times.</p> <p>If you have a <a href="#">mixed competition</a> with direct classes punching the start and all the other classes with predrawn start times, then <a href="#">check</a> this option. OE2010 will take the start punch if one is found, otherwise the predrawn start time. <b>Notice:</b> This requires that <a href="#">predrawn starters must not punch the start!</a></p> <p>For more information see the <a href="#">Read chips reference</a>.</p>
<a href="#">Use finish station Time taking</a>	<p>You may place a SI station on the finish line or in the finish chute for several purposes. Competitors punch the SI station (placed on the finish line) which provides their finish time. This is the default and most used method when using an electronic punching system. There are only a few competitions on World Elite level and some sprints where this may be not applicable. For those, other time taking procedures are defined by the rules. For more information see the <a href="#">Time taking reference</a>.</p>
<a href="#">Run in order</a>	<p>Competitors punch the station as described above. It is located after the finish line in the chute. The punched time will be saved on reading but not used as the finish time. The latter has to be delivered by an extra (traditional) time taking system. For more information see the <a href="#">Time taking reference</a>.</p>

Define the [event duration](#). This does not mean the overall duration of the whole event but the maximum time which is expected for a single competitor. According to this setting, the data stored on the SICard5 and the SICard6 will be computed in different ways.

The reason are the different time formats which are used to save the times on the chips. The SICard5 saves the times in [12h format](#) only. SICard6 uses a [24h format](#), together with a [day information](#) which allows a maximum event duration of 28 days.

<a href="#">Less than 12 hours</a>	<p><b>SICard5:</b> The finish time will be adjusted when rolling over 12:00 or 24:00. This applies to the punch times also, but all of them must be earlier than the finish time.</p> <p><b>SICard6:</b> The finish time will be adjusted when rolling over 24:00. This applies to the punch times also, but all of them must be earlier than the finish time. The day information will not be computed.</p>
<a href="#">12 to 24 hours</a>	<p><b>SICard5:</b> Every single punch time will be adjusted when rolling over 12:00 or 24:00. There is a tolerance of 30min (to exclude faulty stations). The finish time is computed as the last punch time.</p> <p><b>SICard6:</b> The finish time will be adjusted when rolling over 24:00. This applies to the punch times also, but all of them must be earlier than the finish time. The day information will not be computed.</p>
<a href="#">More than 24 hours</a>	<p><b>SICard5:</b> Every single punch time will be adjusted when rolling over 12:00 or 24:00. There is a tolerance of 30min (to exclude faulty stations). The finish time is computed as the last punch time.</p> <p><b>SICard6:</b> The day information will be computed for all punch times and the finish time.</p>

**Notice:** The punch times will always be saved to the database in the original state. Thus you can change the event duration at any time, and the SportSoftware will compute the times automatically in the right way, according to the description above.

### — Special hints for multadays

**The SportIdent settings can/must be set individually for every stage!** At a multiday event, this dialog will display the corresponding stage in its title caption. If you want to change the default settings for all stages equally, be sure to do this change for every single stage. The quickest way to achieve this, is to open the [entries](#) window, switch through the stages and edit this SportIdent settings dialog for every stage.

### See also

[Handling the chip system devices](#)

[Serial port settings](#)

[Emit settings](#)

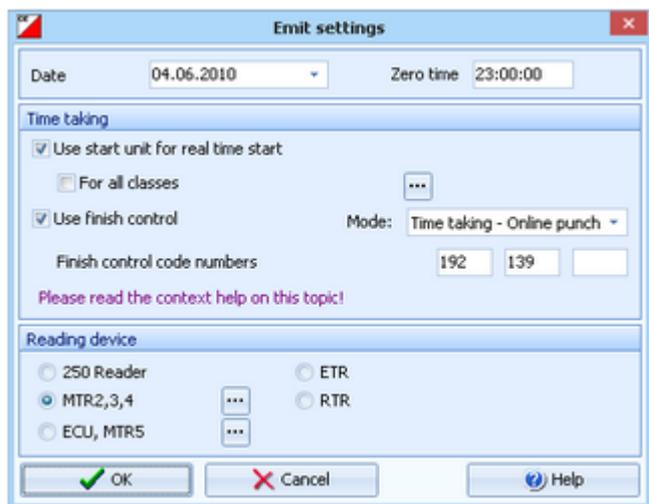
[Read chips](#)

[Evaluate chips](#)

[Time taking](#)

### 5.13.5 Emit settings

In the Emit settings dialog you define how to use Emit in the event.



**Date**

The date does actually play no role for the Emit chip system.

**Zero time**

Since the Emit ecard does not carry a clock time, the correct punch time calculations depend on the reading PC's clock time and the zero time. If you are using predrawn start times, this is the basis to get correct race results at all. To ensure correct punch time calculation, you have to update the zero time to the actual value, f.ex. after a start delay. It is recommended to do this before reading the first chip. Thus, result sheets will be correct from the beginning on. However, there will be no problem to change this later. The application will adjust all times automatically. For more details see the [Evaluate chips reference](#).

With Emit, you have several choices how to perform the **time taking** at your event.

**Use start unit for real time start**

The time runs from the moment when the runner lifts his ecard off the start unit. If you select this option, the usual (predrawn) start time will be replaced by the punched one on reading the ecard. The running time will be calculated using this real start time. This is the preferred method to organise small events without predrawn start times. For more information see the [Read chips reference](#).

**For all classes**

Uncheck this option only if some classes do have predrawn start times and the others not. In this case, you have to define the classes which shall use the start punch. See the paragraph about [Selecting classes for the start punch](#) below.

**Use finish control**

You may place one or more controls on the finish line or in the finish chute for several purposes.

**Time taking -  
Read punch from chip**

Competitors punch the control (placed on the finish line) which provides their finish time. This is the default and most used method when using an electronic punching system. However, since every single Emit ECard carries its own time, for championships the Online punch method may be used, see below. There are only a few competitions on World Elite level and some sprints where this may be not applicable. For those, other time taking procedures are defined by the rules. For more information see the [Time taking reference](#).

**Run in order**

Competitors punch the control as described above. It is located after the finish line in the chute. The punched time will be saved on reading but not used as the finish time. The latter has to be delivered by an extra (traditional) time taking system. For more

**Time taking - Online punch**

information see the [Time taking reference](#).

The finish control is used as an online control which is connected to a [time taking](#) window. When the PC gets notified about the punch, then the official finish time will be taken from the PC clock. For compatibility reasons, the former online time taking using the speaker functions is still available.

For more information see the [Online monitor for intermediate times \(Server\) reference](#) and the [Time taking - Emit reference](#).

**Finish control code numbers**

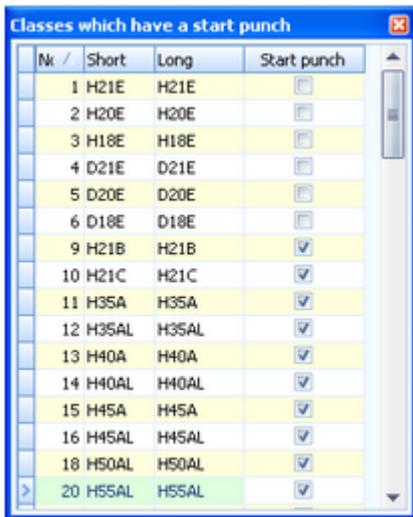
You can enter up to 3 control code numbers of the finish controls. However, it is always recommended to have the same code on all finish controls.

At the bottom, select the **Reading device**. All possible Emit devices are supported: [250 Reader](#), [MTR2,3,4](#), [ETR](#) and [RTR](#) for the ECard, as well as [ECU](#) and [MTR5](#) for the touch-free EmiTag chips. Since Emit has well defined serial port settings for each type, they will be set automatically. However, you must adjust the [port number](#) manually if this is necessary. See the [Serial port settings reference](#) for more information.

If you are using the [MTR](#), OE2010 provides some functions to prepare this device properly. See the paragraph about [Setting the MTR](#) below. The EmiTag devices [ECU/MTR5](#) have similar features which can be set.

**- Selecting classes for the start punch**

If you don't have the start punch for all classes, then click on the button  which will display a list of all classes.



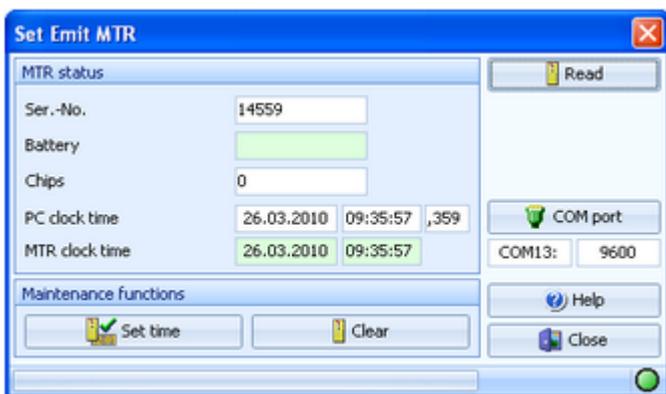
Nr /	Short	Long	Start punch
1	H21E	H21E	<input type="checkbox"/>
2	H20E	H20E	<input type="checkbox"/>
3	H18E	H18E	<input type="checkbox"/>
4	D21E	D21E	<input type="checkbox"/>
5	D20E	D20E	<input type="checkbox"/>
6	D18E	D18E	<input type="checkbox"/>
9	H21B	H21B	<input checked="" type="checkbox"/>
10	H21C	H21C	<input checked="" type="checkbox"/>
11	H35A	H35A	<input checked="" type="checkbox"/>
12	H35AL	H35AL	<input checked="" type="checkbox"/>
13	H40A	H40A	<input checked="" type="checkbox"/>
14	H40AL	H40AL	<input checked="" type="checkbox"/>
15	H45A	H45A	<input checked="" type="checkbox"/>
16	H45AL	H45AL	<input checked="" type="checkbox"/>
18	H50AL	H50AL	<input checked="" type="checkbox"/>
20	H55AL	H55AL	<input checked="" type="checkbox"/>

Check the start punch for all classes which have it.

**- Setting the MTR**

With [MTR](#) there is meant [MTR2,3,4](#) which work together with the ECard. [MTR5](#) is a device which has a different protocol and a different dialog, see the next paragraph.

With the button [MTR: Set clock...](#) you can invoke a dialog where you can transfer the PC clock time to the MTR and clear its backup memory.



The MTR status is displayed automatically. If reading the status did not work automatically, then fix this (is MTR on? etc.) and try again using the **Read** button. Use the maintenance functions to prepare your MTR for the event.

### COM port

This invokes the [Serial port settings](#) dialog. Select the right port. The speed in bps should be preset automatically.

### Clear

Clears the backup memory.

### Set time

The MTR clock time is checked against the PC clock time when its properties are read. The result will be displayed in green or red colour. If necessary, you can set the MTR clock time.

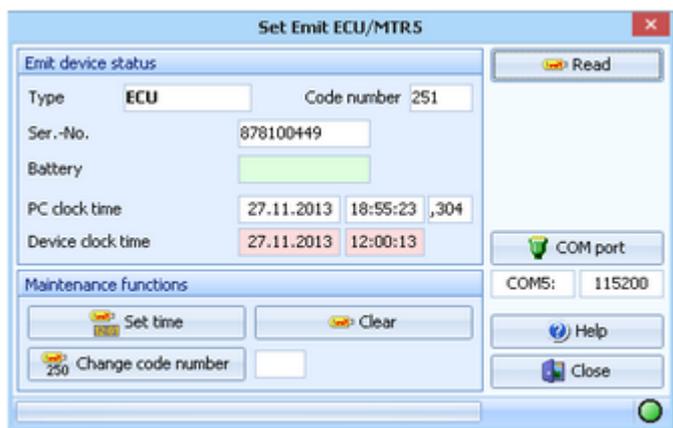
PC clock time	26.03.2010	09:42:51	,359
MTR clock time	26.03.2010	09:42:51	

**Notice:** the MTR must always carry the official competition time! You could also set it manually on the device. However, it is more convenient first to set the PC clock and then the MTR by this function.

## – Setting the ECU/MTR5

ECU and MTR5 are the reading devices for the touch-free EmiTag chips.

With the button *EmiTag: Set clock...* you can invoke a dialog where you can transfer the PC clock time to the ECU/MTR5, set the code number and clear its backup memory.



The ECU/MTR5 status is displayed automatically. If reading the status did not work automatically, then fix this (is MTR5 on?, ECU connected, etc.) and try again using the **Read** button. Use the maintenance functions to prepare your ECU/MTR5 for the event.

### COM port

This invokes the [Serial port settings](#) dialog. Select the right port. The speed in bps should be preset automatically.

### Clear

Clears the backup memory.

### Set time

The ECU/MTR5 clock time is checked against the PC clock time when its properties are read. The result will be displayed in green or red colour. If necessary, you can set the ECU/MTR5 clock time.

PC clock time	27.11.2013	18:55:23	,304
Device clock time	27.11.2013	12:00:13	

**Notice:** The ECU clock will always be started at 12:00 o'clock when it is connected to the PC. Thus for reading the EmiTag chips in the finish, always the PC clock will be used. The same applies to MTR5. See also the [Read chips reference](#).

### Change code number

For ECU/MTR5, the code number has a special meaning. It defines how the chip reading process behaves. For use with OE2010, the code number must be set to 250-253. Emit also defines numbers of 240-243, but this can't be used with OE2010. In the read chips window, OE2010 checks the number and sets it to a useful one automatically.

## – Special hints for multadays

**The Emit settings can/must be set individually for every stage!** This is especially important for the *finish control code numbers*.

At a multiday event, this dialog will display the corresponding stage in its title caption. If you want to change the default settings for all stages equally, be sure to do this change for every single stage. The quickest way to achieve this, is to open the [entries](#) window, switch through the stages and edit this Emit settings dialog for every stage.

### See also

[Handling the chip system devices](#)

[Serial port settings](#)

[SportIdent settings](#)

[Read chips](#)

[Evaluate chips](#)

[Time taking](#)

[Online monitor for intermediate times \(Server\)](#)

# Index

## - A -

About OE2010 3  
 Addresses 145, 154, 157, 161, 287  
 Alge 224, 233  
 Alternative classes 145, 160  
 Application limits 3  
 Archive 59, 72, 145, 154, 155, 157, 160, 163, 165, 214, 235, 286, 287, 292, 294, 295, 296, 297, 298, 299, 300, 301  
 Archive description 287, 294  
 Archive folder 292, 294, 305  
 Archive Manager 5, 100  
 Assign classes to courses 63, 175, 179  
 Assign competitors to courses 63, 176

## - B -

Backup 71, 72, 85, 136, 140, 286, 295  
 Backup memory 77, 235, 240, 242, 244, 245, 246  
 Biographies 79, 256, 274, 275

## - C -

Chase start 138, 139, 200, 203, 256  
 Check for updates 309  
 CheckPC 5, 89, 100  
 Chip system 76, 77, 138, 139, 206, 210, 214, 217, 218, 224, 229, 230, 232, 233, 235, 237, 240, 242, 244, 245, 246, 252, 310, 311, 313  
 Class types 155, 298, 307  
 Classes 59, 72, 145, 154, 155, 160, 162, 163, 165, 280, 282, 286, 287, 296, 297, 298, 300, 307  
 Classification 210, 243, 248, 253  
 Clubs 59, 72, 145, 154, 157, 163, 165, 280, 282, 286, 287, 296, 297, 299, 300  
 Code checking 63, 68, 170, 175, 176, 206, 210, 214, 217, 218, 237  
 Competition day overview 206  
 Condes 63, 179  
 Control description sheets 63, 170, 175, 176  
 Controls 63, 170, 173  
 Copy classes into the event 155, 300  
 Copy clubs into the event 300  
 Copy event 71, 136, 142  
 Courses 63, 170, 173, 175, 176, 179, 265  
 Create archive 72, 286, 294  
 Create event 57, 71, 136, 139  
 Create file 111  
 Create folder 110

CSV import 162, 163, 179, 280, 282, 296, 297, 298, 299

## - D -

Data grid 108  
 Data organisation in V11 56, 71, 72, 87, 89, 136, 279, 286, 305  
 Data security 85  
 Database sort order 141, 296  
 Delete archive 72, 286, 294  
 Delete event 71, 136, 140  
 Demo events 48  
 Dialogs 54, 109, 110, 111, 112, 134, 309  
 Direct entries 145, 154  
 Display board 79, 275, 278  
 Distribute Elite entries 167, 168  
 DLL 275, 278

## - E -

Edit archive 72, 286  
 EMails 133, 145  
 Emergency mode 206, 214, 237  
 Emit 76, 206, 210, 214, 224, 230, 235, 237, 244, 245, 246, 252, 310, 313  
 Entries 59, 75, 144, 145, 154, 161, 162, 163, 165, 167, 168  
 Entries of the day 59, 145, 154  
 Evaluate chips 68, 77, 210, 217, 218, 219, 243  
 Event 57, 71, 136, 137, 138, 139, 140, 141, 142, 162, 280, 282, 300  
 Event description 138, 139  
 Event folder 138, 139, 305  
 Event settings 57, 136, 138, 139  
 Export 74, 128, 129, 130, 131  
 Extra fields 307

## - F -

File selector 111  
 Finish 5, 68, 100, 243, 248, 253  
 Folder selector 110

## - G -

Group by 108, 145, 287

## - I -

Import 63, 72, 74, 162, 163, 165, 167, 168, 179, 275, 280, 282, 286, 296, 297, 298, 299  
 Import special formats 165  
 Individual courses 63, 175, 176, 179, 214, 256, 264, 265  
 Internet 132, 133

Introduction 1, 2, 3, 5, 9, 46, 47, 100  
 IOF ranking 167  
 IOF symbols 63, 170, 173, 175, 176

**- J -**

Join classes 145

**- L -**

Label layout editor 122  
 Label layouts from V10 122  
 Labels 127, 129, 284  
 Language 307, 309  
 Layout Manager 5, 100  
 Licenses 47, 308  
 List box selectors 110  
 Log files 77, 206, 214, 237

**- M -**

Main window 49, 104  
 Managing archives 72, 286  
 Managing events 71, 136  
 MicroGate 224, 232  
 Mixed code checking 170  
 MT2010 5, 100  
 Multiday event 84, 138, 139

**- N -**

Negative start times 145, 199, 210  
 Network 5, 85, 87, 89, 90, 100, 137, 292  
 Network performance 90  
 Not started - quick enter 223  
 Not started competitors 68, 240, 242

**- O -**

OCAD 63, 179  
 OEDisplay DLL 275, 278  
 Online monitor 79, 256, 258, 264, 265, 268, 270, 272, 273  
 Online shop 47, 308

**- P -**

PC clock 224, 229  
 PDF 128, 129  
 Pirlä format 165  
 Point scores 200, 203, 248  
 Preconditions for OE2010 3  
 Prewarning 79, 258  
 Print labels 127  
 Print report 126  
 Prize giving 220

Publish report 130  
 Purchase 47, 308

**- R -**

Radio controls 79, 256, 258, 262, 264, 265, 268, 270, 272, 273  
 Read chips 68, 206, 214, 237  
 Reference 99  
 Registration in the finish 214  
 Release notes 9  
 Repair 71, 72, 136, 141, 286, 296  
 Replacement controls 217  
 Report graphics designer 120  
 Report layout editor 117  
 Report sort order 52, 109, 112  
 Reports 52, 112, 117, 120, 122, 126, 127, 128, 129, 130, 131, 132, 133, 284  
 Restore 71, 72, 85, 136, 141, 286, 295  
 Results 68, 79, 210, 218, 219, 220, 243, 248, 252, 253, 262  
 ROC olresultat 268, 270

**- S -**

Sample archives 48  
 Sample events 48  
 Select archive 72, 286, 292  
 Select event 57, 71, 136, 137  
 Selection grid 109  
 Serial number 47, 308  
 Serial port 310, 311, 313  
 Settings 305, 307, 308  
 Settings folder 305  
 Speaker 5, 100  
 Speaker overview 255  
 Speaker support 79, 256, 258, 262, 264, 265, 268, 270, 272, 273, 274, 275  
 SportIdent 76, 206, 210, 214, 224, 229, 235, 237, 240, 242, 244, 245, 246, 252, 310, 311  
 SportSoftware Editions 47, 308  
 SportSoftware Licenses 47, 308  
 SportSoftware Online shop 47, 308  
 SportSoftware Support 46  
 SportSoftware Web site 46  
 Stage 112  
 Stage selector 112  
 Start fees 59, 145, 154, 161, 287  
 Start interruption 77, 219  
 Start list draw 66, 182, 184, 187, 189, 193, 200, 203, 219  
 Start list overview 181  
 Start list reports 66, 199

Start numbers 66, 189, 193  
Start organisation 66, 182, 184, 189, 193, 200, 203  
Start times 66, 182, 184, 189, 193, 200, 203, 219  
Support 46

## - T -

Task based help 48, 70  
Teams 75, 145, 189, 193, 210  
Time taking 82, 223, 224, 229, 230, 232, 233, 234  
Time taking overview 222  
Times - Manual input 82, 223

## - U -

Update archive 301  
Updates 309  
Upgrade from V.10.x 5, 56, 100, 279, 305  
Upload files 132  
User interface 49, 50, 52, 54, 104, 106, 108, 109,  
110, 111, 112, 117, 120, 122, 126, 127, 128, 129, 130,  
131, 132, 133, 134  
User rights 87, 89

## - V -

V.10.x 5, 56, 100, 279  
Voided legs 77, 218

## - W -

Web 132, 133  
Web services 74  
Working form 50, 106, 108, 109, 110, 111, 112

## - X -

XML import 162, 163, 167, 179, 280, 282, 296, 297,  
298, 299

## - Z -

Zero time 138, 139

## Stephan Krämer

Stephan Krämer is the owner, programmer and distributor of the SportSoftware.

Being a professional software engineer and a passionate orienteer, he had committed himself to writing software to help organising O events since the late 70ies during his study. As one of Germany's top O organisers, he implemented (and still does so) all his know how into the SportSoftware.

In 1986, he won the first prize of the IOF software contest with an early DOS version of the multiday software. In the early 90ies he became a freelancer, which allowed him to contribute decisively to the development of the SPORTident electronic punching system. For the SportSoftware, this meant that many highly experienced O organisers around the world contributed their know how.

Today the SportSoftware also supports the Emit punching system and it is the worldwide leading and most used event software not only in orienteering.



*Stephan Krämer (right) discussing with former downhill champion Peter Müller (SUI), after his best race at WMOC 2010 (shortly before publishing this software...)*