



USER GUIDE

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| | |
|--|-----------|
| SMARTSYNC INSTALLATION | 3 |
| SMARTSYNC OVERVIEW | 3 |
| DATABASE SYNCHRONISATION – TYPICAL USE | 4 |
| ACTION STEPS – SYNCHRONIZING DATA FROM PDA | 5 |
| ACTION STEPS – SYNCHRONIZING DATA FROM BACKED UP DATABASE ON (PC/SD CARD) | 6 |
| DATABASE SYNCHRONISATION RECORD | 6 |
| SESSION RESULTS REVIEW | 6 |
| SESSION NOTES | 7 |
| SESSION RESULTS EXPORT PAGE FUNCTIONS | 8 |
| SESSION RESULT EXPORT HISTORY | 9 |
| TEAM MANAGEMENT | 9 |
| THIRD PARTY TEAM IMPORT | 10 |
| PLAYER EDITOR | 10 |
| TRAINING SCHEDULE | 11 |
| USER MENU FUNCTIONS | 11 |
| DEVICE DATABASE RECOVERY | 12 |
| PRODUCT ACTIVATION | 12 |
| USER OPTIONS | 13 |
| SETTING THE PC OR PDA DEVICE AS MASTER | 14 |
| CUSTOMER SUPPORT | 15 |

SMARTSYNC INSTALLATION

SMARTSYNC is FREE to all Fusion Sport customers. To download SMARTSYNC, please download the installer at the following link. NOTE – you will require CLIENT level user access to download the application. If you do not have client level access please sign up today on the Fusion Sport website.

Download Link -

http://fusionsport.com/portal/component/option,com_docman/task,doc_download/gid,176/Itemid,194/

IMPORTANT NOTE – if you were running a previous BETA version of SMARTSYNC, the release version will be installed in a different location. If you would like to restore the data previously installed in the BETA version, please email support@fusionsport.com for instructions.

The first time you run SMARTSYNC you will be prompted to update to the latest version. Please choose the “upgrade now” option to ensure you have the current release.

SMARTSYNC OVERVIEW

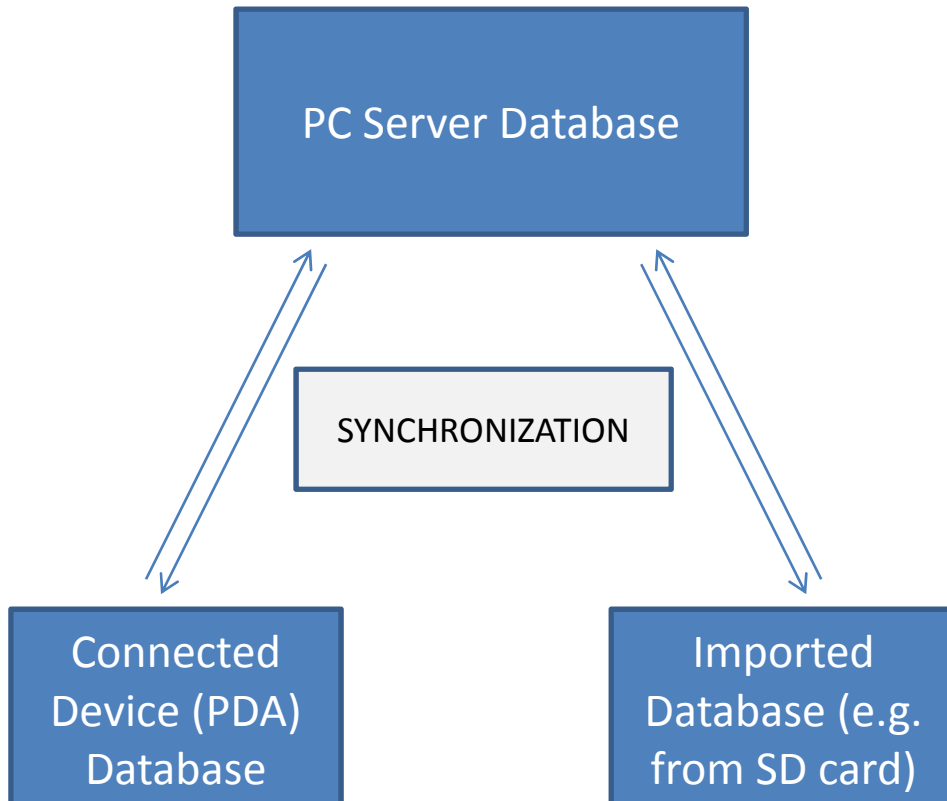
The purpose of SMARTSYNC is to assist SMARTSPEED users with the management of data. This includes –

- Download of test data from the PDA to the PC – for backup and processing
- Verification of test data (e.g. checking of data, athlete names, session notes)
- Export of test data (to CSV or web)
- Management of team lists and player names
- Merging of data with SMARTSCAN RFID registration data

On each PC, SMARTSYNC creates a PC SERVER database. This database is similar to your PDA database, but may contain data from several PDAs merged together. When a PDA or other database is synchronized with the PC server, the following occurs –

1. All test data (results) is copied from the PDA (or imported Database) to the PC Server
2. All team lists (and player names) are merged between the PDA (or imported Database) and the PC server.

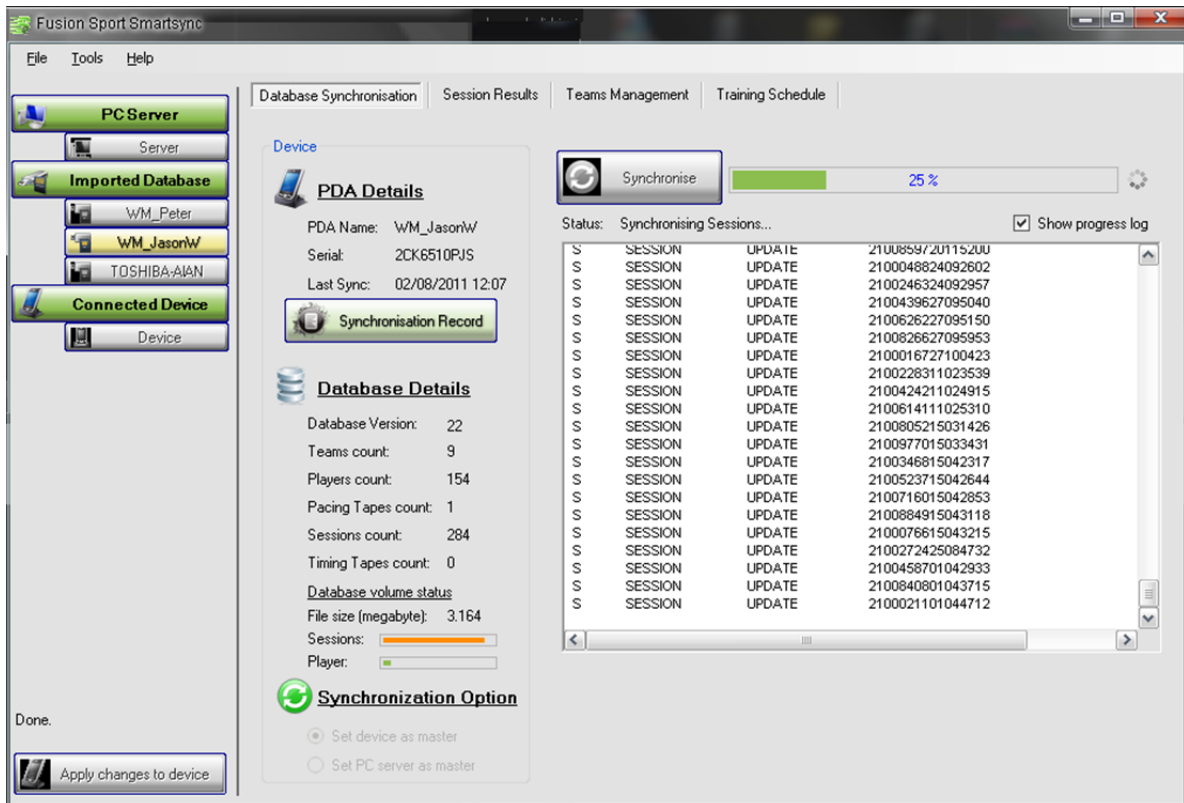
NOTE – you do not have to synchronize the PDA database with the PC server. You may still view and export results from the PDA (or imported) database, without synchronizing the results to your PC Server.



For most users who have a single PDA or do not need to copy settings from one PDA to another, the advanced features of SMARTSYNC will not be required.

DATABASE SYNCHRONISATION – TYPICAL USE

When you connect a PDA and SMARTSYNC is running, a copy of the Database will automatically be copied to your PC. If you SYNCHRONIZE the PDA, all results data will be backed up to the PDA database. If you do not synchronize, you can still view and export data, but the database copy will be discarded when you disconnect.



This screen is for management of the on field (PDA) and PC Server Databases. On this screen you can –

1. View the details for either PC server, PDA or imported databases (number of teams, sessions, players)
2. Synchronise the database from a connected device or imported database with the PC Server
3. Choose whether the PC or on field Dbase is the master (usually the on-field device) (ADVANCED)

Synchronisation of a PDA or imported database with the PC server will result in –

1. All results and teams/players will be copied from the PDA or imported Database into the PC server Database
2. All protocols will be synchronized between the PC server and PDA/imported database – resulting in the same protocols in both databases

Smartspeed software performance can be influenced by the database volume when too much data is stored. The Sessions/Player meter alerts users to clean up their data stored in the database when the bars are in orange or red.

ACTION STEPS – SYNCHRONIZING DATA FROM PDA

1. Connect your PDA – once the connection is established, the new DEVICE will appear under the CONNECTED DEVICE heading on the left panel. Your data is now backed up to the PC.
2. Press SYNCHRONIZE to merge your results into the PC database (NOTE – it is highly recommended that your PDA is set to the correct date prior to collecting data)
3. Your PDA/imported Dbase is now synchronized with the PC server

ACTION STEPS – SYNCHRONIZING DATA FROM BACKED UP DATABASE ON (PC/SD CARD)

1. On your PDA, start the SMARTSPEED software and go to TOOLS-BACKUP/RESTORE.
2. Tap BACKUP and name the file another name (e.g. PDA1.sdf)
3. Copy this backed up file to your PC, or to an SD card (and then insert the SD card into your PC)
4. In SMARTSYNC, choose “Import Database” from the file menu. Once imported the file will appear under the “Import Database” heading on the left panel
5. Press SYNCHRONIZE to merge your results, teams and protocols into the PC database
6. Your data is now synchronized with the PC server.

DATABASE SYNCHRONISATION RECORD

| Date | Team Count | Player Count | Protocol Count | Pacing Tap Count |
|------------------|------------|--------------|----------------|------------------|
| 27/10/2009 13:13 | 2 | 44 | 61 | 0 |
| 27/10/2009 15:58 | 2 | 44 | 61 | 0 |
| 27/10/2009 17:39 | 2 | 44 | 99 | 0 |
| 27/10/2009 17:41 | 2 | 44 | 99 | 0 |
| 27/10/2009 17:42 | 2 | 44 | 99 | 0 |
| 27/10/2009 17:42 | 2 | 44 | 99 | 0 |

This page shows the synchronisation history of your database based on the PDA serial stored. You can get into this page by clicking “Synchronisation Record” in the Database Synchronisation screen.

SESSION RESULTS REVIEW

Team Filter
 SELECT ALL

Protocol Filter
 SELECT ALL

Split Format
 Individual Split

Date Range
 From: 06/01/2000 01:25
 To: 29/05/2003 07:04

Training Sessions

| Session Date | Protocol | Team |
|------------------|--------------------------------|--------------|
| 06/01/2000 01:25 | Jumping Test Feedback Mode | Default Team |
| 29/05/2003 04:22 | 2 Gate Sprints | Default Team |
| 29/05/2003 04:24 | 4 Gate Sprints | Default Team |
| 29/05/2003 04:25 | 4-Gate Traffic Light Sprint | Default Team |
| 29/05/2003 04:29 | 1-Gate Traffic Light Sprint | Default Team |
| 29/05/2003 04:34 | 3-g-rms | Default Team |
| 29/05/2003 04:36 | Reactive/Mat Start | Default Team |
| 29/05/2003 04:43 | 10sec-4sub | Default Team |
| 29/05/2003 04:46 | 4 Gate Cuts (1-1-2 auto start) | Default Team |

Session Data

| Player | Subsession ID | Tag | SPLIT01 | Total |
|-----------|---------------|----------|---------|-------|
| Player 01 | 1 | Nice One | 2.882 | 2.882 |
| Player 02 | 1 | Query | 3.443 | 3.443 |
| Player 03 | 1 | | 3.147 | 3.147 |
| Player 05 | 1 | DQ | 4.655 | 4.655 |

Session Note

Buttons: Remove selected session, Remove all sessions, Export selected sessions, Export all sessions, Update Note

The session results screen is used to review the sessions and individual results within a session from the selected on-field of PC server Database. On this screen you can –

- Choose sessions to review results
- Investigate tagged results and either confirm tags or remove them prior to export (for example in the case of test disqualification)
- Modify tags by double-clicking the “Tag” column
- Search for particular sessions using the filtering tools on the left side of the session list (by Team and/or Protocol)
- Choose whether to view and export results in SPLIT or CUMULATIVE format
- Choose individual or multiple sessions to be exported
- Choose individual or all sessions to be removed from the database
- Results can be sorted by clicking the column name on the table, or setup in the option page.
- Add notes to the session prior to export
- Modify Session Date by double-click the “Session Date” Column.
- Export sessions to either CSV, Proto or web

NOTE – the sessions which are visible in this screen depend on which Database is highlighted in the left panel. For example, in the above image, the sessions contained within the imported database named “WM_Dragons” are visible. If your PDA or imported database has been synchronized with the PC, all sessions will be visible by selecting “SERVER” from the left panel.

SESSION NOTES

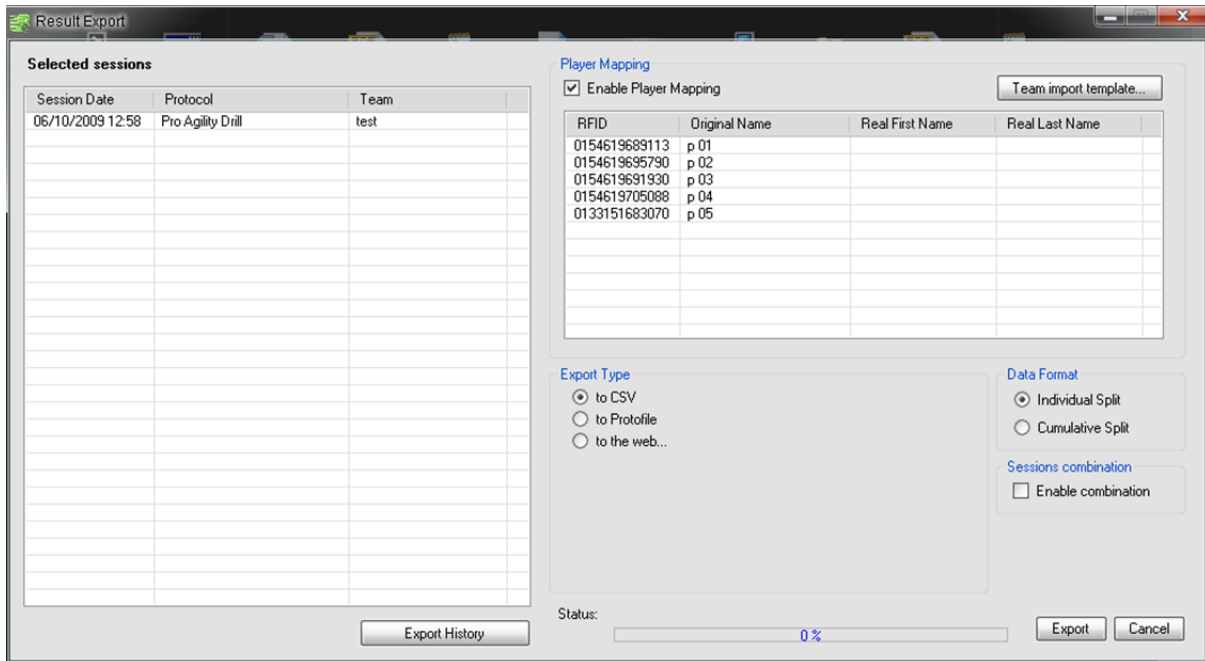
| Session Date | Protocol | Team |
|------------------|--------------------------------|--------------|
| 06/01/2000 01:25 | Jumping Test Feedback Mode | Default Team |
| 29/05/2003 04:22 | 2 Gate Sprints | Default Team |
| 29/05/2003 04:24 | 4 Gate Sprints | Default Team |
| 29/05/2003 04:25 | 4-Gate Traffic Light Sprint | Default Team |
| 29/05/2003 04:29 | 1-Gate Traffic Light Sprint | Default Team |
| 29/05/2003 04:34 | 3-g-rms | Default Team |
| 29/05/2003 04:36 | Reactive/Mat Start | Default Team |
| 29/05/2003 04:43 | 10sec-4sub | Default Team |
| 29/05/2003 04:46 | 4 Gate Cuts (1-1-2 auto start) | Default Team |

| Player | Subsession ID | Tag | SPLIT01 | Total |
|-----------|---------------|-----|---------|-------|
| Player 01 | 1 | | 0.418 | 0.418 |
| Player 02 | 1 | | 1.100 | 1.100 |
| Player 04 | 1 | | 2.047 | 2.047 |

Notes can be added or edited for each session in the session review page.

If there is more than one session selected, supplementary text will be appended for all highlighted sessions.

SESSION RESULTS EXPORT PAGE FUNCTIONS



The session results screen is used to export the selected sessions to different file type. You can get into this screen by clicking “Export selected sessions” button or the “Export all sessions” button.

On this screen you can –

- Export the selected sessions in different format (CSV, Protobuf or web export)
- Select different Split formats to export (Individual or Cumulative).
- Player mapping: you can map a player’s first name or last name from the team import list template, or you can update a player’s name by double clicking the “Real First Name” or “Real Last Name” column.

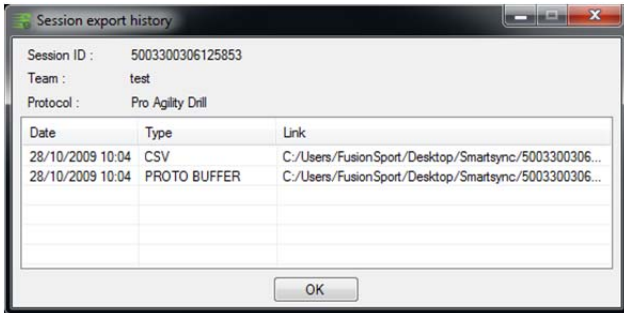
NOTE – in order to use SMARTSYNC to map player names to RFID numbers in the export files, you must first create an RFID registration sheet in MS Excel using the following file –

“Team Import List Template”

http://fusionsport.com/portal/component/option,com_docman/task,doc_download/gid,163/Itemid,57/

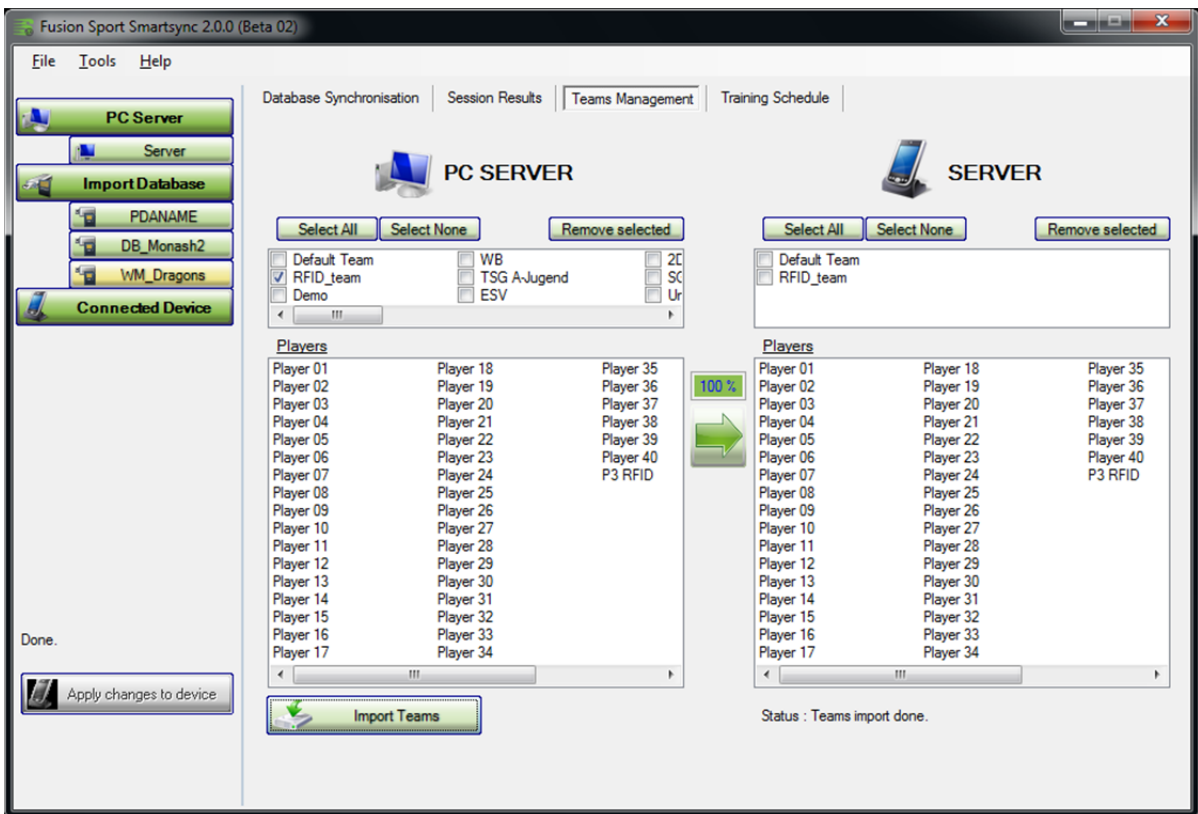
The “RFID slot select” option refers to which RFID column in the workbook is to be used for association. For more information, consult the SMARTSCAN user guide.

SESSION RESULT EXPORT HISTORY



This page shows the export history of specific sessions. You can get into this page by clicking the “Export History” button in the Result Export page.

TEAM MANAGEMENT



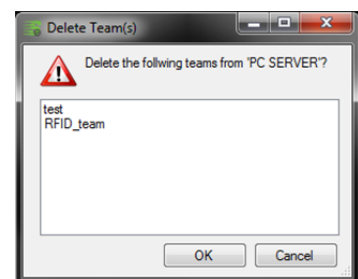
This team management session allows you to manage player group (rosters). On this page you can –

- Import teams from either CSV, Proto file or web (ADVANCED)

NOTE – The team import list must be saved in CSV format. To create a team import list, use this file - http://fusionsport.com/portal/component/option,com_docman/task,doc_download/gid,163/Itemid,57/

Please follow the instructions provided in the file.

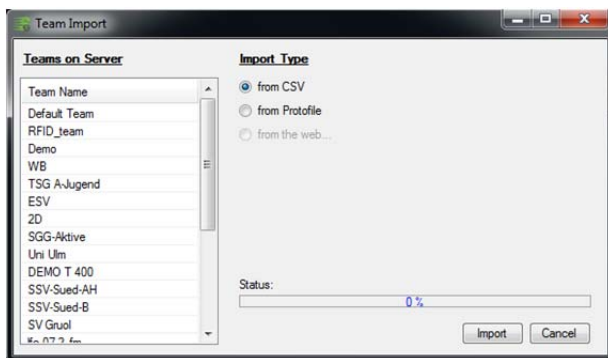
- Remove Teams from PC server or on-field databases.
- Download teams (rosters) from PC server to on field database(s)



- Cross match on-field “walk up” RFID scans with players in the PC server Database, using a USB PC-RFID scanner
- Edit player details in the PC Server and/or on-field databases

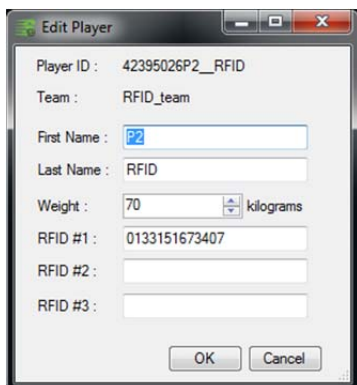
NOTE – the on field “Pocket PC” database in the right side panel in a COPY of the actual database on the connected device. Once you have made changes to this Database, you MUST click the “Apply changes to device” button on the left panel for the changes to be saved to the PDA.

THIRD PARTY TEAM IMPORT



This page shows the teams import functions from other sources. You can get into this page by clicking “Import Teams” button in the Team Import Page. You can import teams of different formats to the server.

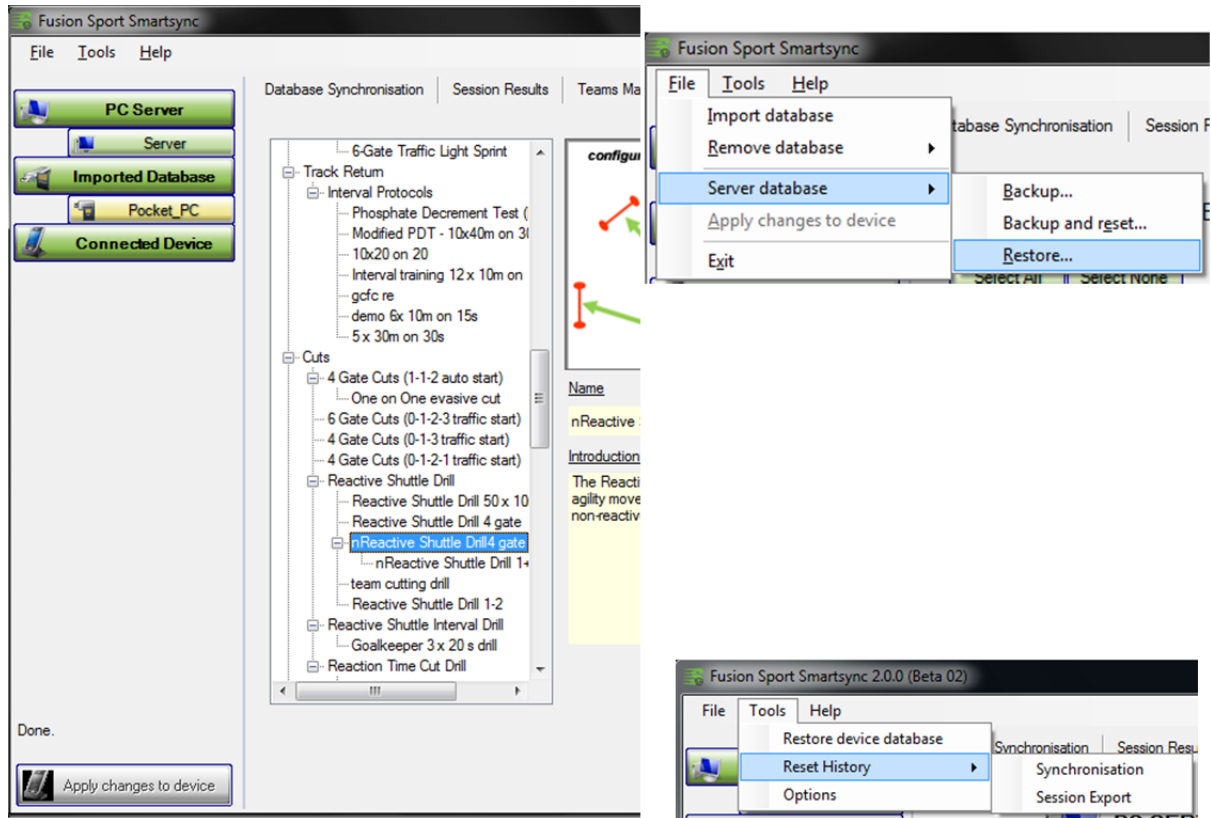
PLAYER EDITOR



Player editor allows you to update player details in both the PC server and the field database. You can get into this page by double-clicking on the layer name in the team list.

IMPORTANT NOTE – if you are going to edit player records that are in both the PDA and PC serverdatabases, you should edit the record in whichever device you have chosen to be master – usually the PDA. Or, you should simply create a new team.

TRAINING SCHEDULE



This team schedule page allows you to modify your favorite list on your on-field database. You can add or remove favorite protocols from this page.

Customized protocol in

USER MENU FUNCTIONS

FILE MENU

Import database: Import database from your PC, SD card, etc, and put them into the import list.

Remove database: Remove database from the import list.

Server database - Backup: backup the PC server and save it into a database file (.sdf).

Server database – Backup and reset: back the PC server, and then reset the server to a fresh clean database.

Server database - Restore: restore the PC server from selected file (.sdf).

Apply changes to device: Update the database on your PDA when you are you modifying a device database

TOOLS MENU

Restore device database: Restore backup database to the connected device

Reset History: Reset synchronisation history or session export history

Options: Set default parameters and display parameters (see below)

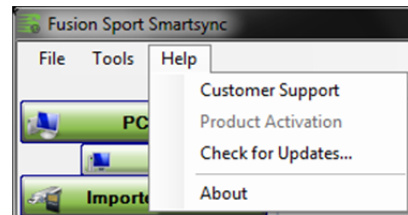
HELP MENU

Customer Support: Access the customer support form and send a message to our support centre

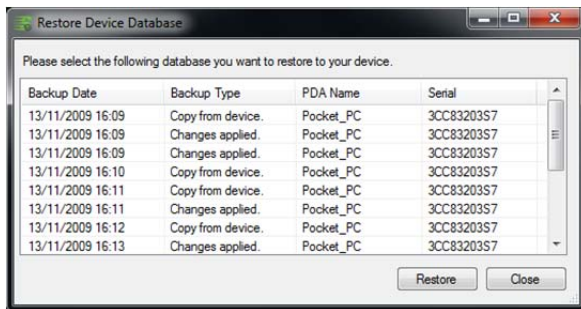
Product Activation: register the software to enable locked features.

Check for Updates: check for the latest update on the Fusion Sport server

Fusion protocol format (FSP) can be added into database from this page.

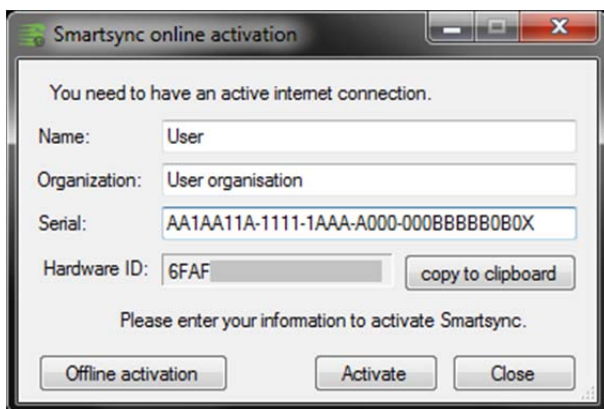


DEVICE DATABASE RECOVERY



If users encounter errors when they apply changes on the device, they can restore the database from database backup. Select "Tools" -> "Restore Database" (only activated when a device is connected) from the menu and user can select from a range of database backup list and restore it back to the device. This function can also be used to restore a database to a new PDA, should the user lose or damage their original PDA.

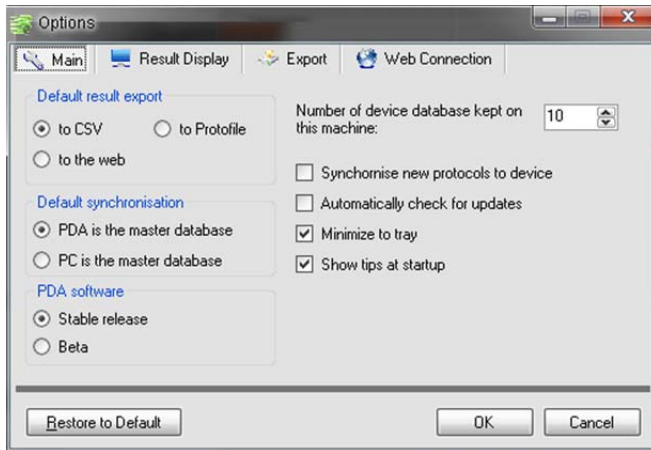
PRODUCT ACTIVATION



The basic version of SMARTSYNC is free to all customers. However, certain functions such as the ability to export directly to Fusion Sport's SMARTABASE system require a license to be granted by Fusion Sport.

These users will be given a valid serial number, and can then activate their software in the online activation page.

USER OPTIONS



USER DEFAULT

Default result export choice

Default synchronisation type

Select PDA software type

Backup device database storage

Choose to synchronise new protocols to device

Check for software updates on the web

Minimize Smartsync to system tray

Show tips when the program starts

SESSION RESULT DISPLAY

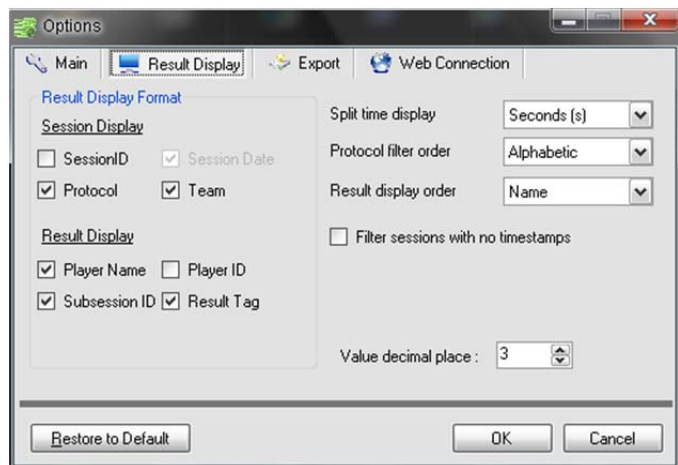
Session/Result List display columns

Split Time display units

Protocols filter order

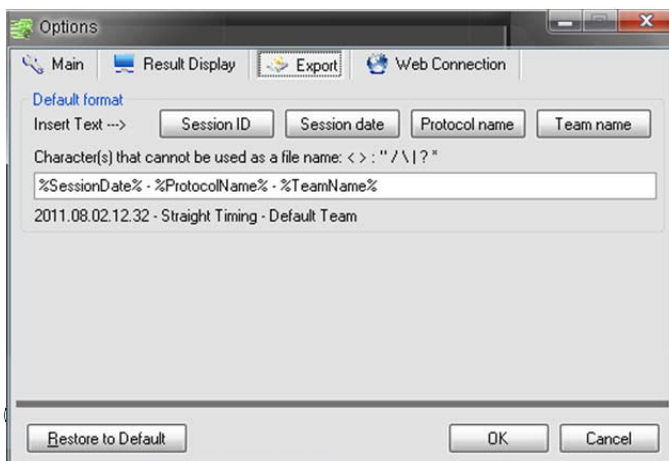
Results displayer order

Apply filter when no timestamps are stored in the session



Customise Export file name

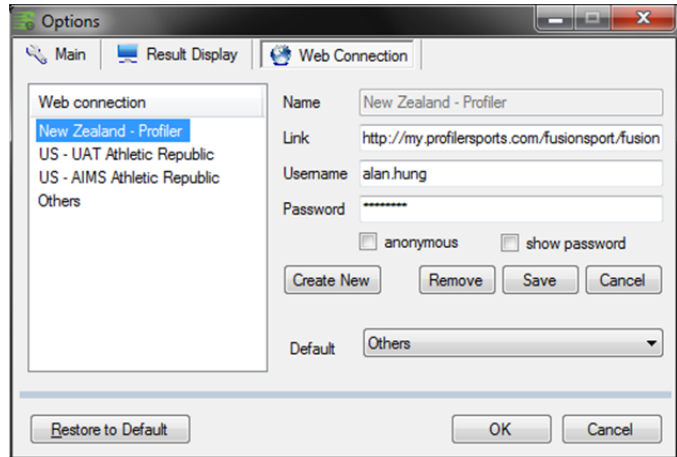
Modify default file name by user preference



WEB EXPORT (advanced)

Web connection type

Web username and password

**SETTING THE PC OR PDA DEVICE AS MASTER**

On the SYNCHRONIZATION page and in the option menu, the user has the option to set either the PDA (Device) as master, or the PC.

In most cases, the default setting (Device as master) should be used.

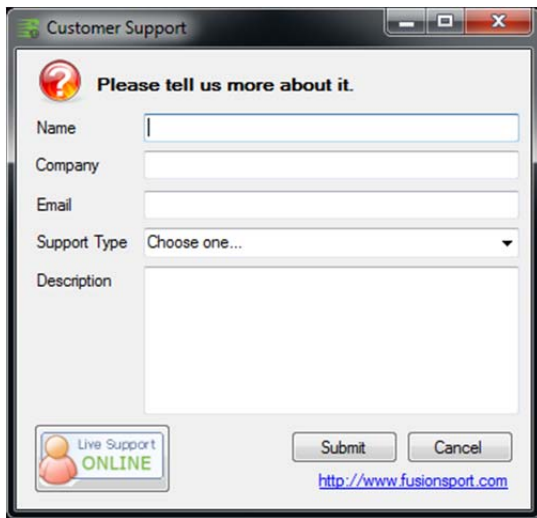
The master setting determines whether the PC Server or Device database contains the most up to date information on the following –

- Player details – for example, if a player's details have been edited in the PDA database
- Protocols – for example, if a protocol name or image has been changed in the PDA database

The master setting has no effect on the session results.

There are few instances for which a user would wish to set the PC as the master. One example could be if the images for a protocol have been changed on a PDA, and the user wished to apply these changes to a second PDA. In this case, after synchronizing the first PDA, the user should set the PC as the master, prior to synchronizing the 2nd PDA.

CUSTOMER SUPPORT



The image shows a screenshot of a 'Customer Support' window. The window title is 'Customer Support'. Inside the window, there is a red question mark icon and the text 'Please tell us more about it.' Below this, there are several input fields: 'Name', 'Company', 'Email', 'Support Type' (a dropdown menu with 'Choose one...' selected), and 'Description' (a large text area). At the bottom left, there is a 'Live Support ONLINE' logo. At the bottom right, there are 'Submit' and 'Cancel' buttons, and a URL: <http://www.fusionsport.com>.

If you have any user feedback or questions please do not hesitate to contact us. You can fill in the customer support form in the help menu and click the "Submit" button.