Complete Solution for Archery Competition Management

http://www.ianseo.net

USER MANUAL

INSTALLATION

How to Install the New Software

- Download from the federation web site
- Uncompress the downloaded file in a chosen folder (for ex.: uncompress in c:\ will create the folder C:\ianseo)
- Launch the file "setup_xampp.bat" that is in the software main folder (in the previous example: c:\ianseo\setup_xampp.bat) and press 1) to set the software on the computer.

How to Update the New Software

If you have previously installed a different version, follow the procedure:

- Download the software update
- Extract the downloaded file in the “httpdocs” folder of the previous installation (for ex: c:\ianseo\htdocs)

How to Start the New Software

- Launch the file "xampp-control.exe" which is in the software main folder (in the previous example: c:\ianseo\xampp-control.exe)
- Press the “start” buttons next to "apache" and "mysql"

or

- Launch the file "xampp_start.exe" which is in the software main folder (in the previous example: c:\ianseo\xampp_start.exe)

How to Recall the Main Interface

Open a chosen browser (Internet Explorer, Mozilla Firefox, Safari, etc.) and go to **http://localhost**

How to Use the Software in a Network

From any other pc, with the IANSEO software installed, of the same network, open a browser and go to http://<*name_of_computer_with_ianseo*> (where <*name_of_computer_with_ianseo*> is the pc network name)

COMPETITION

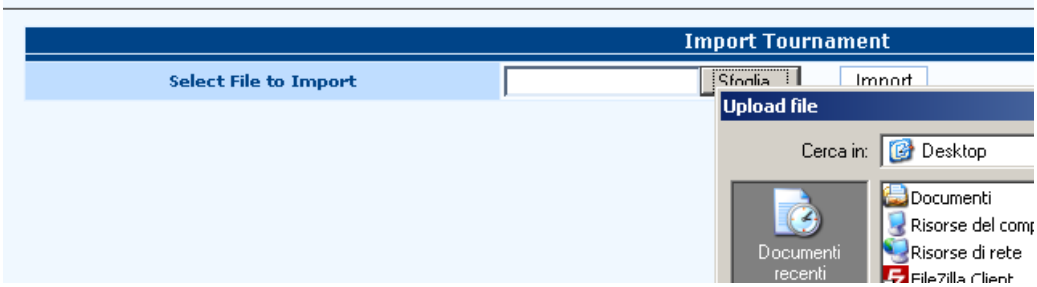
Competition Selection

In this page it is possible to choose in which competition, among those saved in your database, operate.

It is enough to select the command "open" next to the interested competition. You can always come back to this page using the link "Competition" - "Open" from the software main navigation bar.

Tournament Import

It is possible to import Ianseo files done on other computer or for backup.
This procedure is enabled only if there isn't any other open competition. In the matter, close the open competition selecting “Competition”, “Close” before using this command.



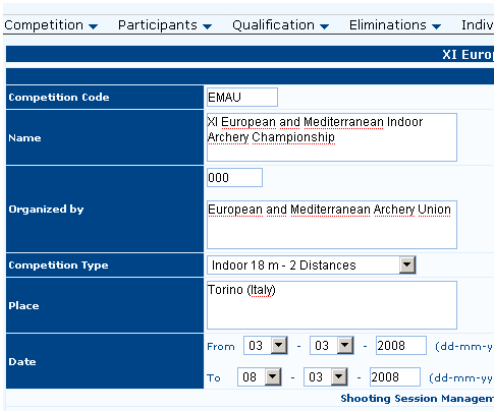
To import a competition click on "Competition", "Import Tournament". It will redirect to a page where you can load the file. The name of the chosen file should be *competitioncode*.ianseo

To import press the button "browse", select the file (*competitioncode*.ianseo) concerned, confirm and press the button "Import"

Export Tournament

To export the competition file for backup purposes or to use it on another computer select “Competition” “Export Tournament”
It opens a window to choose the saving destination.
The file will be saved as *competitioncode*.ianseo

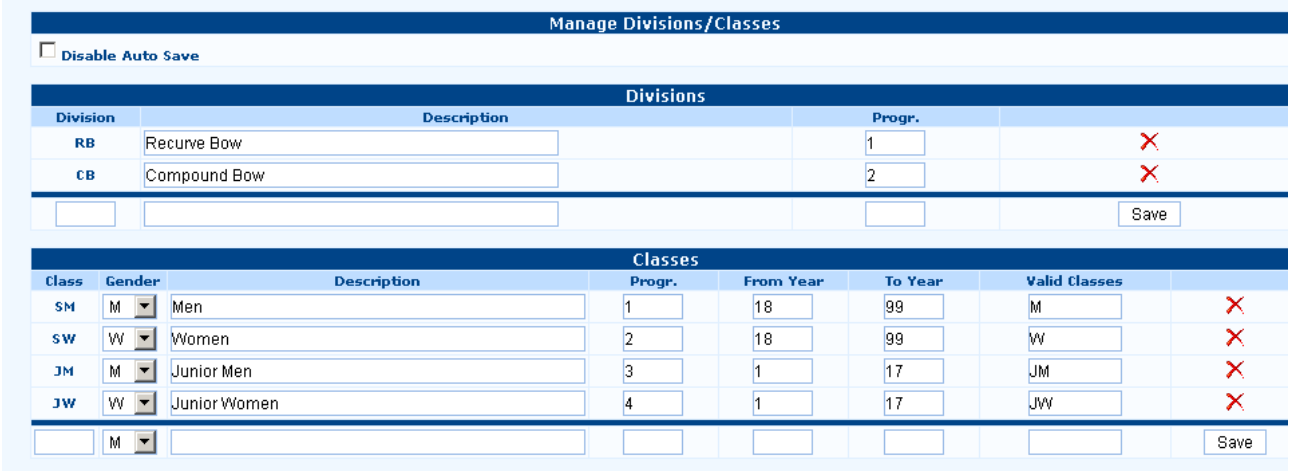
New Competition



Select the command “New” from the “Competition” drop down menu to be directed on the data imput panel.

After filling the fields with the competition information[1] and confirm by clicking on “Save” At the bottom of the page will appear links for the new data input:

- **Shooting round management:** select the number of competition session, targets to each session and archers for each target. Press “Save” button and after the “Back” link;
- **Field Crew Management:** register judges, shooting directors, oragization responsible and jury of appeal: input name and federation card number, select the qualify and press “Add”. At the end select “Back”;
- **Images Management**: upload images for the print layout selecting from own computer by “Browse” buttons. It is possible to select images top left and top right and bottom (ex. For the sponsors) After uploading you can see both previews and “Cancel” buttons to change loaded images.. At the end select “Back”;
- **Divisions/Class Management** : you can have default divisions depending on the selected kind of competition. If the competition allow different kind it is possible modifying in this panel (ex. LB for 3D competition).
  It is possible to change the year range for class belonging erase certain kind of class (ex. where they are not allowed as in the 3D) Press on the red “X” to erase a class or division.
  Use beginning and ending year to identify the class (ex. JM 17 and 18). In the last column separated by a comma, sign (RM, AM, JM) classes in which a same age participant can compete.
  NB software has a default following the assignments of Fitarco rule book, contact the software developer for custom assignment. According to M.A. Rulebooks.



It is always possible to view and edit the data entered through the drop-down "Competition" menu. Select "View Competition Info" for a summary or "Edit competition Info" to go to the loaded pages

Individual and Team Final Setup

The two menus (individual and team) are just the same with the sole exception of the archers'

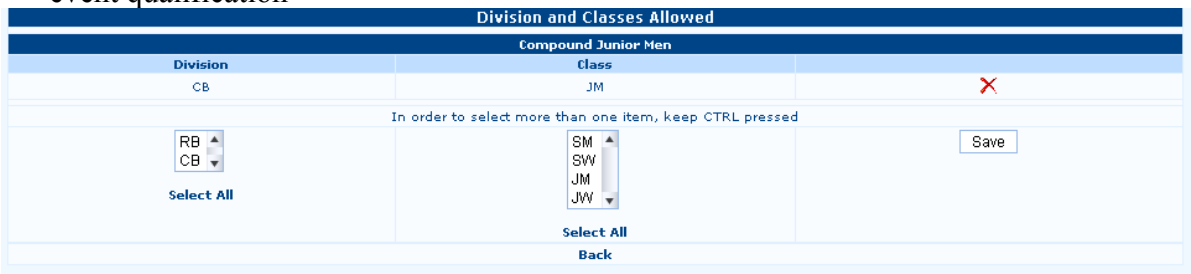
[1] NB2 for one day competitions write the same date in both fields

number per target, obviously not editable in the teams options.

- **Event Management:** in this section compile the board data of the scheduled matches: write a code – event abbreviation (for ex CJM for Compound Junior Male), the event complete name (for ex. Compound Juniores Male), a progressive number and the finals' target type (needed for the live section).

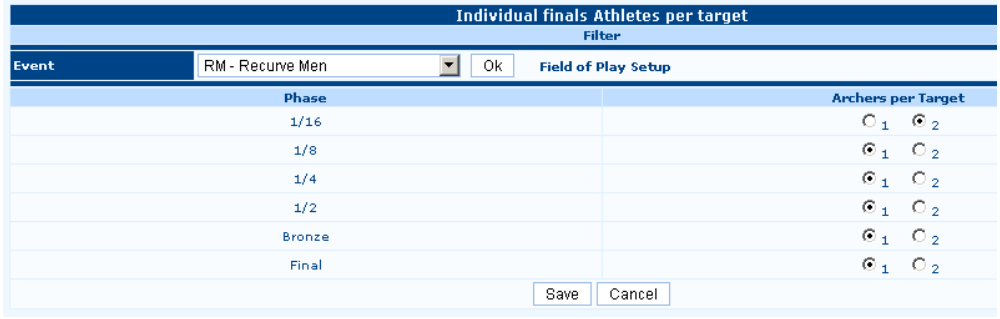
Event Code	Event Name	Progr.	Eliminations			First Phase	Target Type	
RM	Recurve Men	1	No Elim.	0	0	1/16	Indoor Small (6-10)	✕
RW	Recurve Women	2	No Elim.	0	0	1/16	Indoor Small (6-10)	✕
CM	Compound Men	3	No Elim.	0	0	1/16	Indoor Compound Small (6-10)	✕
CW	Compound Women	4	No Elim.	0	0	1/16	Indoor Compound Small (6-10)	✕
RJM	Recurve Junior Men	5	No Elim.	0	0	1/16	Indoor Small (6-10)	✕
RJW	Recurve Junior Women	6	No Elim.	0	0	1/16	Indoor Small (6-10)	✕
CJM	Compound Junior Men	7	No Elim.	0	0	1/16	Indoor Compound Small (6-10)	✕
CJW	Compound Junior Women	8	No Elim.	0	0	1/8	Indoor Compound Small (6-10)	✕

Once press "Save" the short code (CJM in the previous example) will be clickable. Through the so activated link it will be possible to define in a new panel who will run for the event qualification

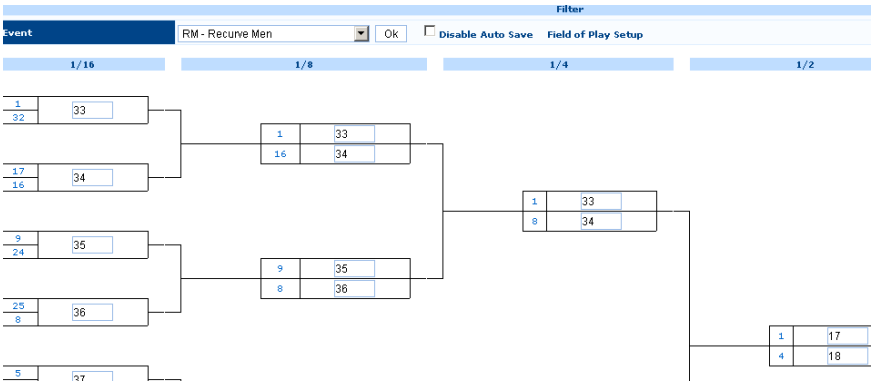


For the required kind of competition (for ex Field 3D) the choice YES/NO will be enabled.

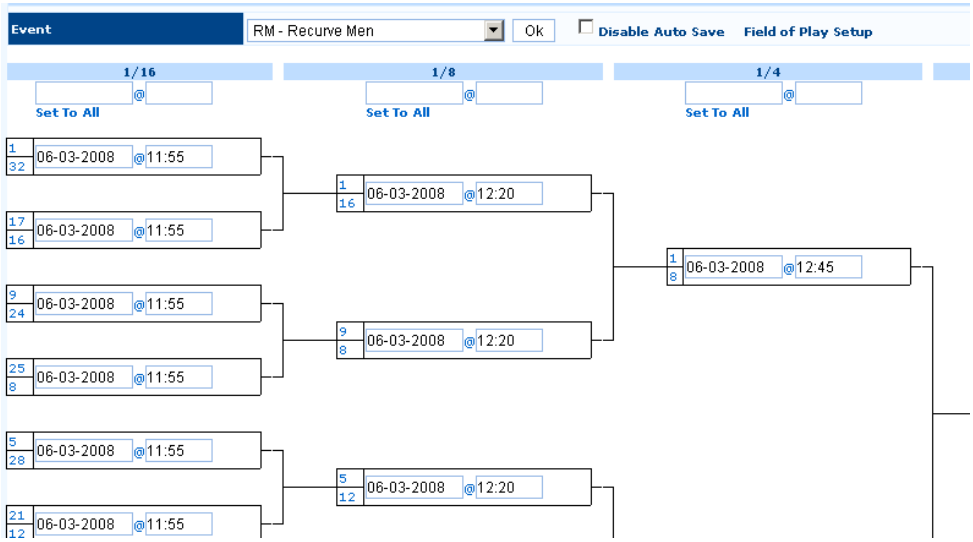
- **Archers on Targets:** write for each phase how many archers there are for each target (needed for the field disposition set). Select the event (for ex. Male Junior Compound) and choose between control 1 or 2 for each phase.



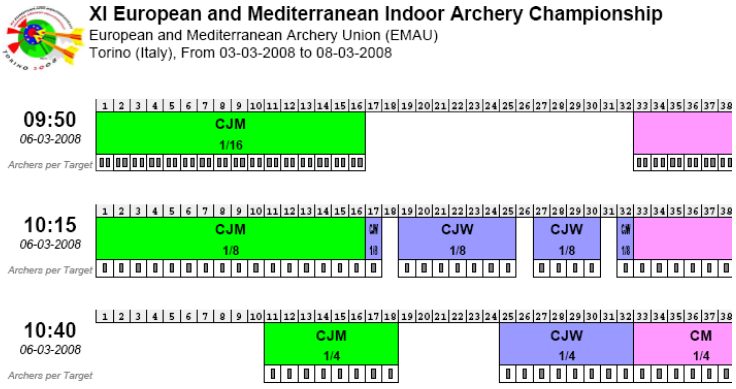
- **Target Numbers:** it is possible to assign the matches targets typing them number in the relative field plan box that appears selecting the chosen event (for ex. Compound Junior Male) The form is dynamically generated according to the data previously inserted.



- **Scheduling:** when select the event from the drop down menu, it is possible to set in the two boxes separated by the @ scheduled date and time of the match, or set data for the whole phase using the "Set to All" command.



Once all these steps are done, through the command "Field of Play Setup", visible in every for mentioned pages and in the drop down menu, visualize the graphic planning of the final phases.



Federation Export

It is possible to visualize and save (right click – save) the software generated files in order to export them for the federation or the web.

Language

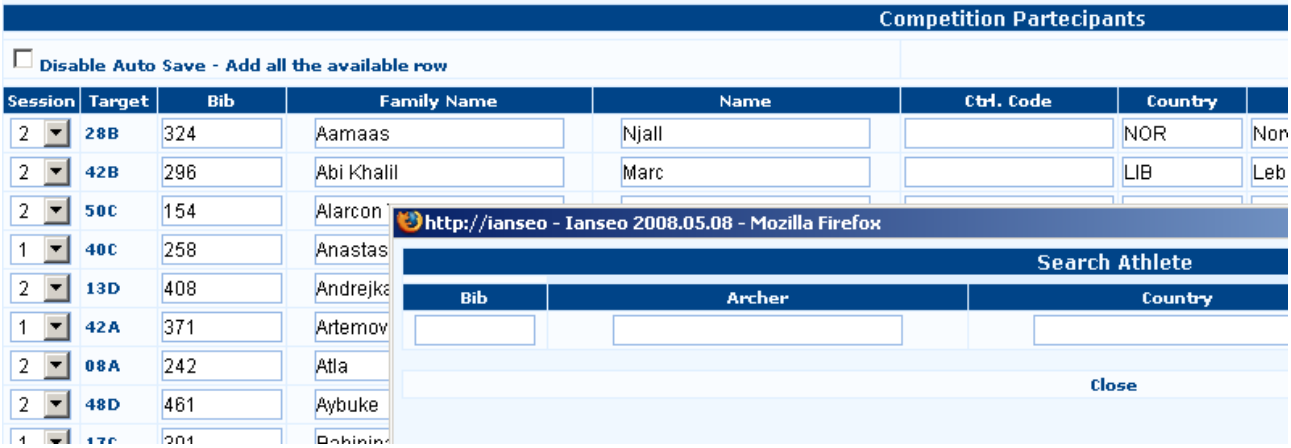
Simply select the software language.

PARTICIPANTS

Partecipant List (Simple & Advanced)

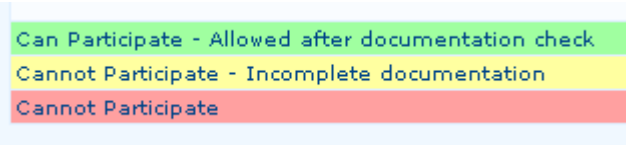
In the menu there are Participants list (both simple and advances) in order to input all the athletes information needed for the competition management.
For each athlete it is possible:

- **Input manually all the requested data**: select the competition session and fill in all the field.
- **Lookup in the athlete database:** fill in the bib number of the desired athlete. Double-click on a field to pop-up a search form. Fill in the form fields to search in the Athletes database. Select the desired athlete clicking on bib number then Press "Close".



The software will accept athletes in a session up the all available places. Clicking on "Add all the available rows" the software will prepare all the empty rows for each session.
Delete an athletes Pressing the red "X" on the right side of the row and confirming the operation when requested.
Click on the column header to change the page view sort field (bib, name, etc).

At the end of the page there's a legend with the colour meanings according to the situation that is found in the Athlete database (if used).



Athletes Status Management

In this page it is possible to enable all the athletes that are "disabled" due to incomplete documentation in the on-line website.
Select the appropriate status among those in the combo box. (eg. Can Participate - Allowed after documentation check")

only peoples with yellow lines in the participants list can be enabled. Red lines cannot be enabled and they means that the athlete isn't allowed to participate due to on-line documentation.

Athletes Participation to Individual Team Event

In this page it's possible to enable/disable the athlete participation in the different result lists:

- Individual participations in Category Result lists

- Individual participations in Qualification Round Result lists
- Team member in Category Results lists
- Team member in Qualification Round Results lists

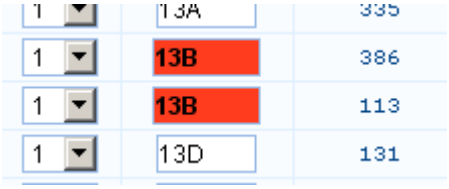
All the athletes are default enable in the 4 areas. Select "NO" in the appropriate combo box to disable the participation.

Target Assignment

There are 2 different way for target assignment:

- Manual Assignment

  In the page there is a reduced list of the atlethes. It's possible to change the sort order (clas, division, club, etc) clicking on the column header. Complete the text boxes with required session number and target.



It the target is already assigned, all the occurrence will be red. Solve the conflict to remove the red colour.

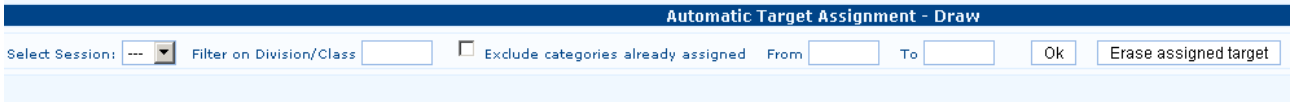
In the top right part of the page it's available a search text box to filter according to division and classes. Jolly characters are:

'%' Matches any number of characters, even zero characters ('%AB' matches "CAB", "CCAB" and "AB")

'_' Matches exactly one character ('_AB' matches "CAB" but not "CCAB" and "AB")

- Draw Assignment

  • Select the required session in the combo box
  • Input division and class in the text box. Refer to previous section for jolly characters use.
  • Check box to exclude all the athletes previously assigned, both manually or with a previous draw.
  • Indicate the target range. The automatic draw follows ACBD order. In this way it's possible to start the assignment from side "B" or stop to side "C" dividing the target in 2 half (left and right) for different faces (usually in indoor on the left, AC, with standard 40 cm faces, right, BD, with vertical triple faces)
  • Press "OK".
  • In case of error it's possible to reset all the target assignment, according to the filter setup, Pressing "Erase Assigned Target" button.

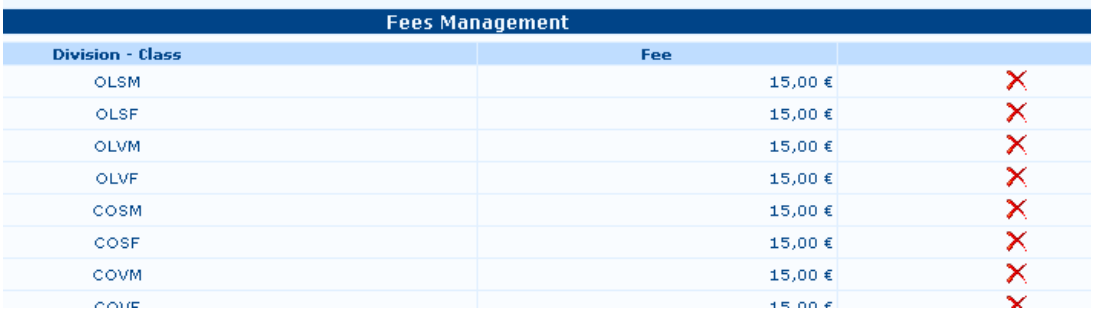


Accreditation

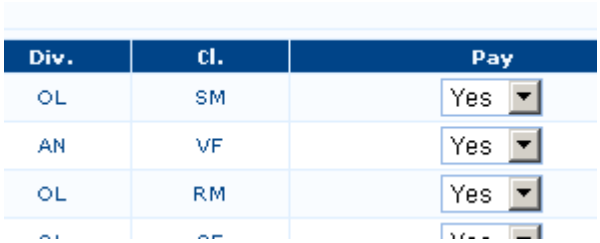
In the software there are different management all with the same behaviour: Accreditation and

Equipment Inspection are loaded by default, other are on organizing committee (and are indetified by “optional event” from 1 to 5.
In the “Participants - Accreditation” menu entry there are the following options:

- **Fees setup:** setup different entry fees according to competition category (maybe fees are different for youth or according to different divisions). This values will be used for final income statistics as well.



- **Athletes fees status:** Setting “NO” indicates that an athletes hasn't to pay entry fee (for example all the athletes of the same club of the competition, VIP guest, etc.)

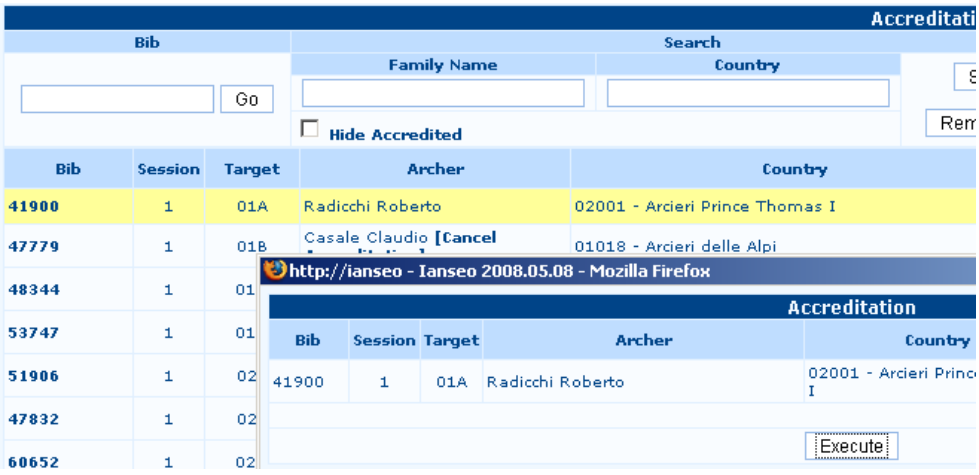


- **Printouts:** all PDF printouts according to accredited people, payment status, income statistics and participant labels with barcode. Printing methods are the same as Participant list printouts.
- **Accreditation**: Select the session (it's possible to select multiple sessions) and the operation type (Accreditation, equipment inspection, etc.) in order to access to the accreditation page.

Accreditation Procedure

There 3 different way to manage the accreditation process:

1) click on bib number. It will appear a pop-up windows with all the athlete detail. Press “Execute” to confirm.



2) Input manually the bib number and press “Go” button (or the “Enter” key). It will appear a pop-up windows with all the athlete detail. Press “Execute” to confirm.
3) With a barcode reader: read the barcode containing the bib number or use the barcode printed on the labels produced by the software. It will appear a pop-up windows with all the athlete detail. Press “Execute” to confirm or re-read the same code as confirmation.

- It's possible to search the list looking for athletes name and/or country (or club) and

pressing “Search” button. This operation can be undone with “Remove Filter” button.

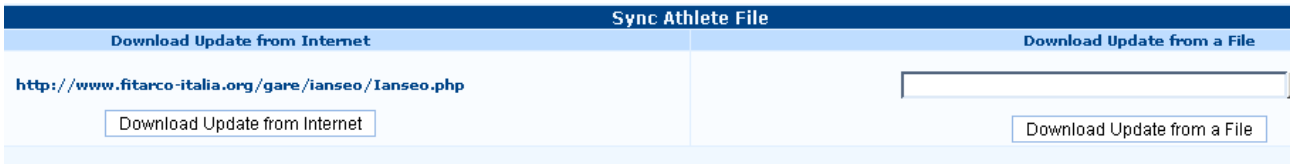
- The not-accredited athletes are written on a yellow background. For all the other background is the standard light blue.
- Click on “Cancel Accreditation” to undo the operation.
- Click on “Hide Accredited” in order to remove from the list all the accredited. It will speed up operation and gives a better view of who is missing.
- With “Open Bill” button it will start summing all the entries fee. An open bill can be printed and/or close (eg.: at the end of one club accreditation).

To see the current status of the bill an print it, press “Bill Detail”.

- At the end of the operation, if you want to exclude the non-accredited athlete from result lists and, in general, from all the phases of the competition, press the button “Not Accredited” and the line will became red. It will be possible to revert the status of “not-accredited” pressing the button “Enable” that will appear whenever an athlete isn't accredited.

Athletes Synchronization

Synchronize the local lookup database with the central one provided by the member association via Internet.



- **Download update from Internet:** if the computer is connected to the Internet, clicking this button the software will download and install the file by itself.
- **Download update from a file**: if the computer isn't connected to the Internet it is possible to download the file directly from internet, save it (using a usb pen drive, cd-rom, floppy disk, etc.) and then synchronize the database offline.

The link to download the file is written in the page. Estimated size of the file: 450 KB for 19.000 Athletes.

Statistics

I this section there are two different statistics, both in PDF format.

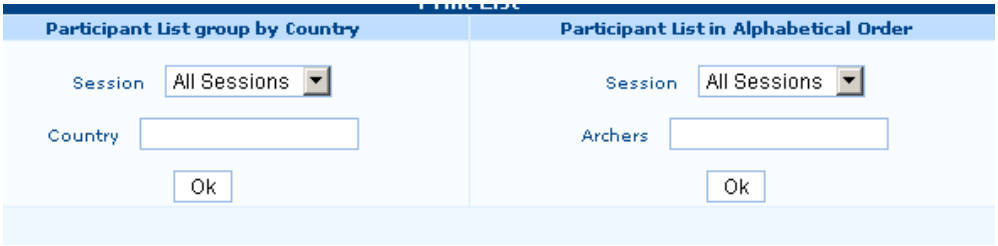
- Group by category, in the different sessions of the competition.
- Group by clubs.

Printouts

All the participants printouts are available in PDF format, in complete version or spit into each session files.

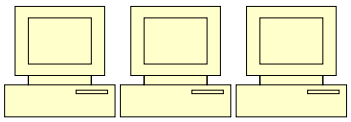
- Target List
- Participant List group by Country/Club
- Participant List in Alphabetical Order
- Warnings

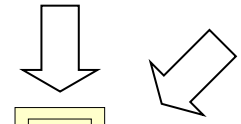
In the lower part of the page is possible to specify different range for each printout.
Range can specified with '-', groups with ',' (eg: a criteria like 'a-c,l-n,q' in the alphabetical list means all athletes with names staring with letter 'a', 'b', 'c', 'l', 'm', 'n' & 'q').

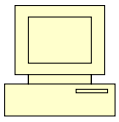


Qualification Round

If different computers are connected to the local network using the same database it will be possible inserting score at the same time without previously assign targets to each terminal.
It is recommended not to simultaneously operate on the same target in order to avoid accidental overwriting


Terminal used to input scores


Network (LAN or WAN)

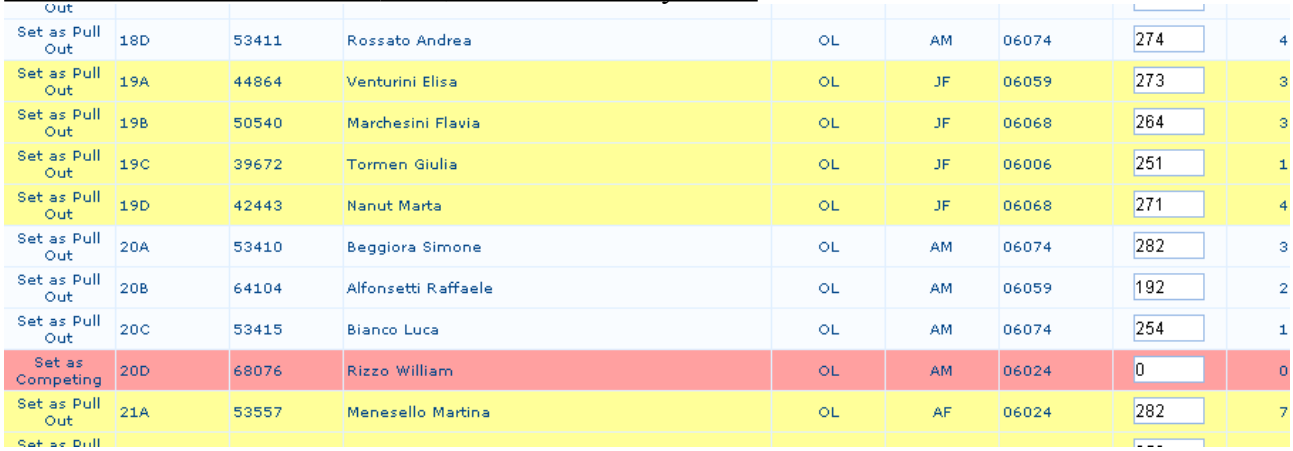

Computer with IANSEO installed

Input Score – Base Table

Including the obtained scores:

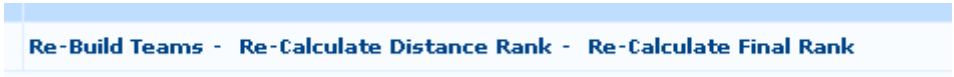
- select the competition phase, the concerned targets, the competition range
- whether enable or not the inclusion of gold and "9" (aka 6 and 5 in field competition)
- Press "Ok"

Manually insert the scores or overwrite the previous partial ones.
Shift between fields with the **TAB** button on the keyboard.



Yellow and white of the athlete list differ targets in order to simplify writing the score. Red represent an athlete blocked because of unsolved problems in the "Athlete Status Management" area.
Any moment you can report the withdraw of an archer from the competition by clicking on "Set as pull out." The option is obviously voidable but will lose all the athlete's score already inserted

If needed select : Build Teams, Calculate Distance Rank, Calculate Final Rank to finalize the inserting.
The software does automatically every time a new score is input.



Input Score – Advanced Table

The same as the base table, the difference is visualize all the competition partials in one page.
Selecting from the drop down menu "Distance" the end to be registered, it will be possible to enable one

Target	Bib	Archer	Div.	Cl.	Country	Score (1)	10 (1)	9 (1)	Score (2)	Score	10	9
.0A	202	Holderness Lucy	CB	SW	GBR	280	10	20	287	567	27	33
.0B	273	Galletti Paola	CB	SW	ITA	274	15	13	282	556	27	31
.0C	317	Markovic Irina	CB	SW	NED	277	7	23	280	557	17	43

or all the inserting fields.

Target	Bib	Archer	Div.	Cl.	Country	Score (1)	10 (1)	9 (1)	Score (2)	10 (2)	9 (2)	Score	10	9
10A	202	Holderness Lucy	CB	SW	GBR	280	10	20	287	17	13	567	27	33
10B	273	Galletti Paola	CB	SW	ITA	274	15	13	282	12	18	556	27	31
10C	317	Markovic Irina	CB	SW	NED	277	7	23	280	10	20	557	17	43

In both Standard and Advance table it is possible to enable/disable a column clicking the column header.

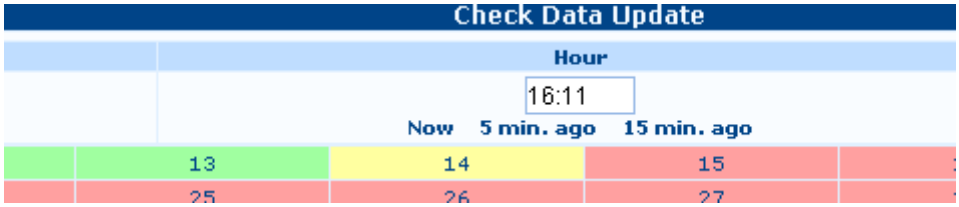
Score Input - Single Arrow

Just for statistics addicted with lot of time and personnel it is possible an arrow-by-arrow input instead of the end total.
In the near future there will be an automatic generation of a PDF of the score for the on-line publishing.

Input Score – Check Data Update

In order to check whenever data are input from remote locations (eg: in order to simplify the job of a speaker) it's possible to check the input status of new score against previous moment.
Select the session number, input the time of the last update you want to refer to(there are short cut to Now, 5 minutes ago, 15 minutes ago) and Press "ok"
On the screen it will appear the list of the selected session's targets, with the following colours:

- Red: All the scores aren't changed since reference time
- Yellow: Only scores of some of the athletes are changed since reference time
- Green: All the score are changed



Data Import

Input data using hand-held devices (must be ARF protocol compliant or with custom driver). Functionality depends on the device used.

Export Text File

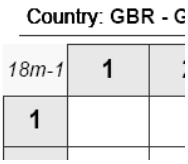
Generate a TXT file with all the data available in the database. Values are separated by tabulations and can be easily imported in Excel or similar software.

Scorecard printout

Generate a PDF file with all the scorecard ready for printout.
Options available:

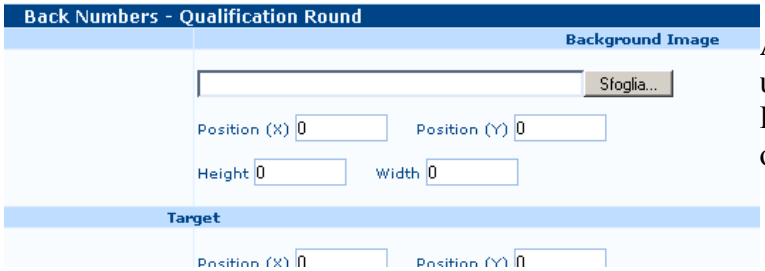
- Complete Score (Drawing & Data)
- Only Data, in order to fill pre-printed scorecards
- Only Target Number
- Only Drawings (Single Page)

It is possible to enable, on each score page, all the competition information (place, name, date, etc..) and all the images (see Images Management).
It is possible to printout all the scorecards of a selected target range.
Distance: enable/disable the distance indication of the scorecard. (it will appear on the top-left part of the score, close to end number)



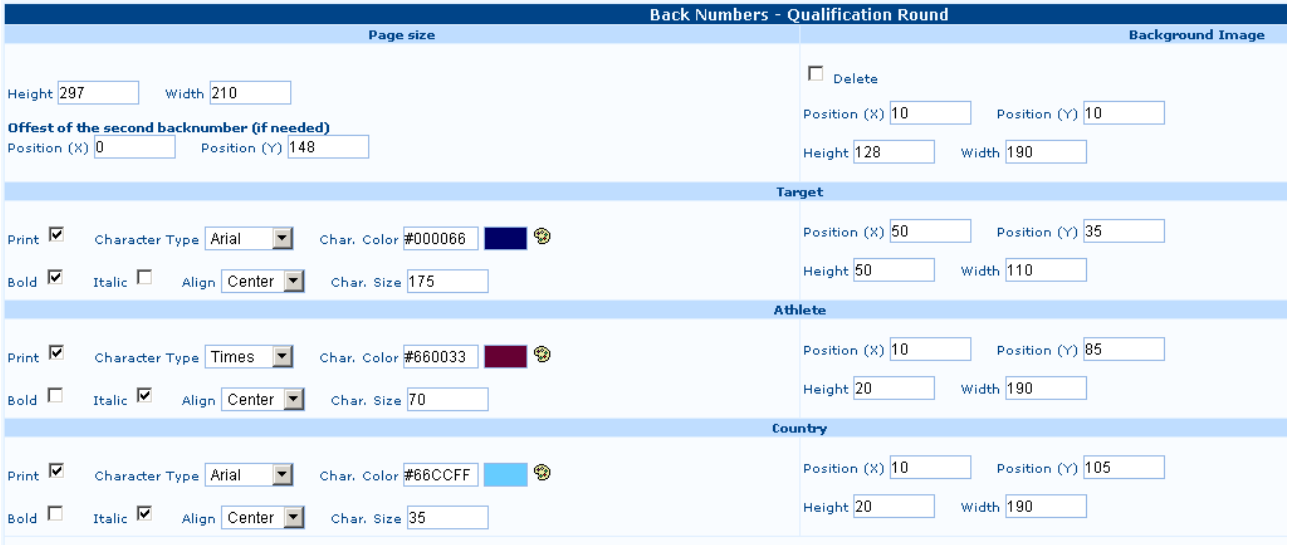
Back Number Printout

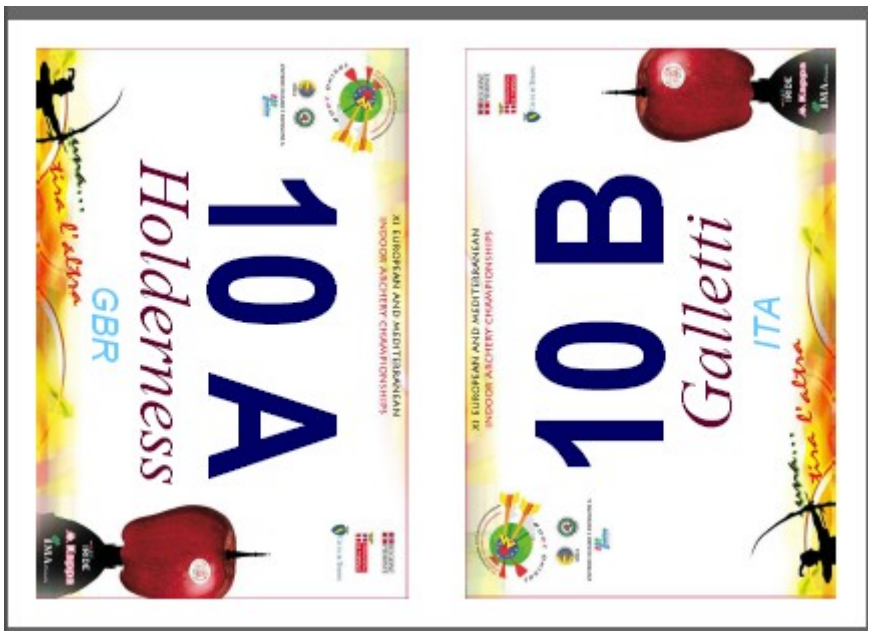
Create a PDF file containing all the back numbers for the competition. It is possible to printout all the back number of a selected target range.
The “Change Layout” button link directy to the customization page of the back number. Click on “Print” check box in the left part of each element to print the element itself using the graphical characteristic shown in the right part of the box.



A background image can be placed under the back number information. Delete a previously loaded image in order to upload a newest image.

Setup example for A4 size with two back numbers a page and result directly in a PDF file





Category Result List

Creates all the PDF file for category results list printouts.
In the left part there are individual printouts, in the right team ones. In the centre of the page, with a bigger icon, the complete printouts.
In in the second row there are the result list with only the first 3 (or more if ties occurred) places (helpful for prize-giving ceremony)
In the lower part of the page there are 3 form element (divisions, classes, number of place returned) in order to obtain custom printout (Pressing the buttons at the bottom of the table).

Qualification Round Results List

This page has the same behaviour of the “Category Result List” but it concerns the result list according to Individual Final Setup and Team Final Setup.
Shoot off and/or Coin toss are noticed in the printout when needed.

ELIMINATION ROUND
INDIVIDUAL FINALS
TEAM FINALS

Procedures and possible commands are the same for the three events, with the warning regarding the elimination round, activated only if allowed by the competition type

Shoot-off management

Before accessing the direct matches management shoot-off are to be solved following the rule book (shoot-off evidenced in red, sorting in yellow)

31								
32	DOBROWOLSKI Rafal	POL	Poland	280	289	569	34	21
32	HRISTOV Yavor	BUL	Bulgaria	283	286	569	32	26
32	DECKER Gilles	LUX	Luxembourg	284	285	569	32	25

Ok

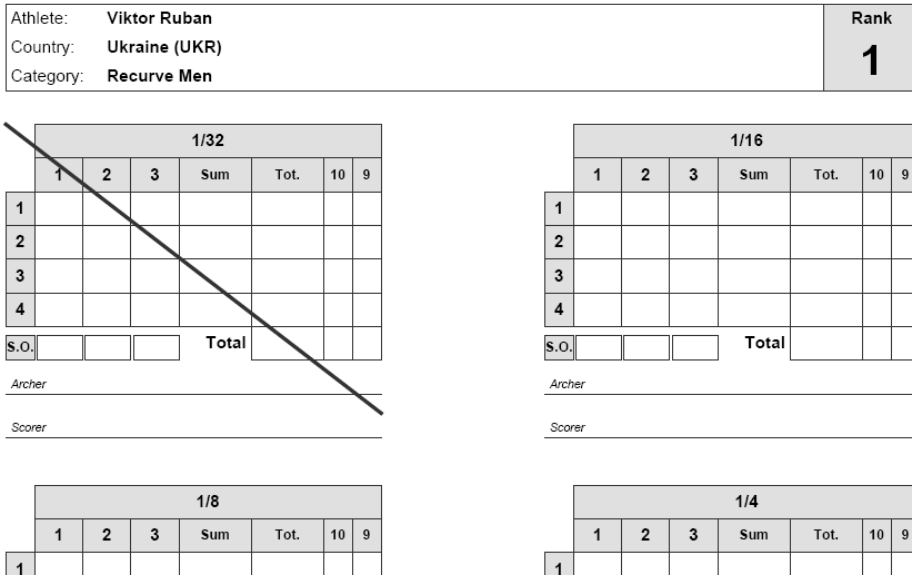
- Select “Shoot-off” from the finals navigation
- Select the interested event (es. Junior Male Compound)

Rank	Archer	Country		Score 1	Score 2	Total	G	X
1 1	RUBAN Viktor	UKR	Ukraine	291	298	589	49	11
1 2	GALIAZZO Marco	ITA	Italy	294	295	589	49	11
3 3	TAVERNIER Olivier	FRA	France	294	291	585	46	13
4 4	BADENOV Bair	RUS	Russian Federation	292	293	585	45	15
4 5	ROHRBERG Sebastian	GER	Germany	292	293	585	45	15

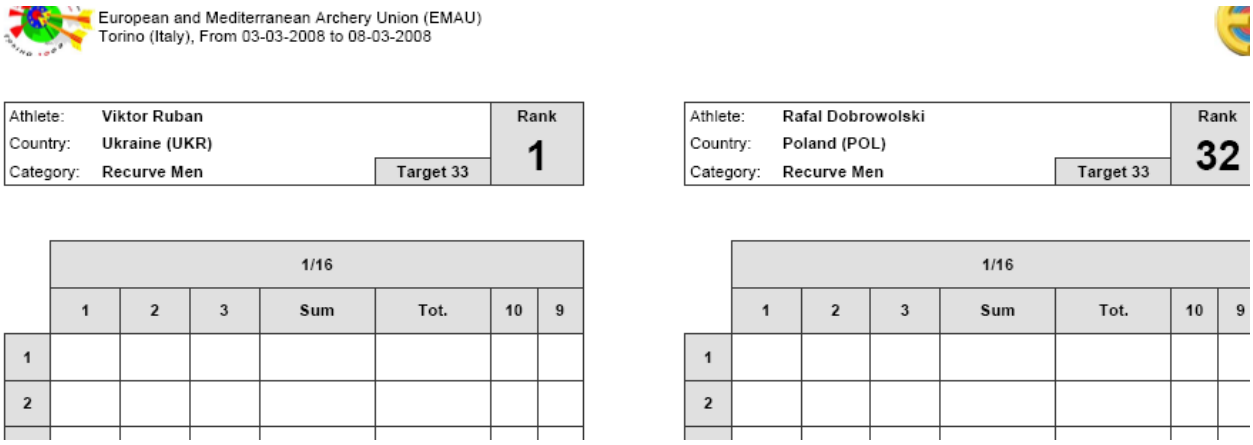
- Use the drop menu next to the name to assign the position of the shoot-off or the draw outcome.

Score Printout

In the score page of the finals a large number of choices will be available as required.
The left side of the page provides the individual scores of each participant (usual in local competition)



In the right side those for each single match (most for international competition)



It is possible to obtain a score without the participates data using the "Only Drawings" command.
The "Participants" button generate the names for the shooting line boards in A3 size.

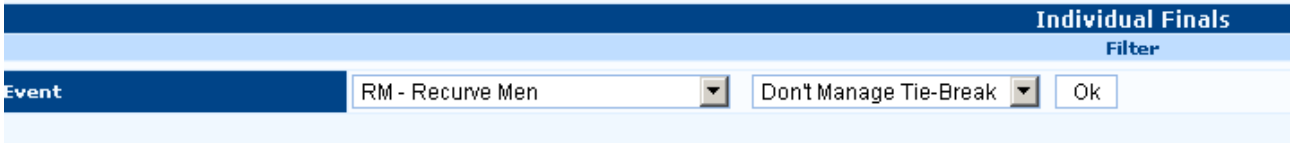
Back Number Printout

If you want to assign new back numbers for the final phases.
For details see the qualification round “Back Numbers Printout”.

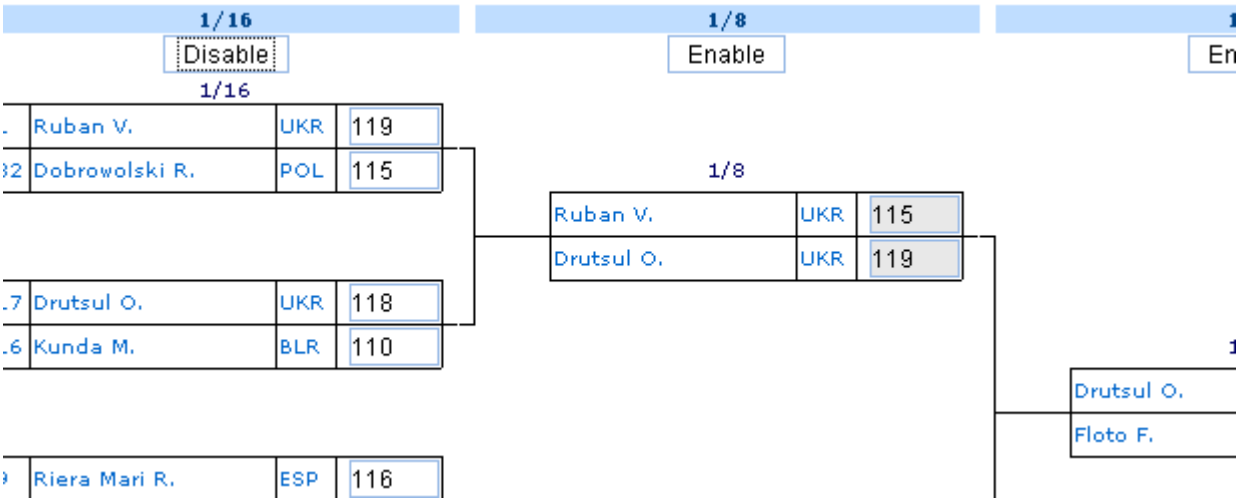
Bracket Data Insert

To insert the direct matches score it is possible to use the graphic representation of the bracket. [2]:

- Select the managed section
- Decide whether or not enable the Tie-Break management
- Click “OK”



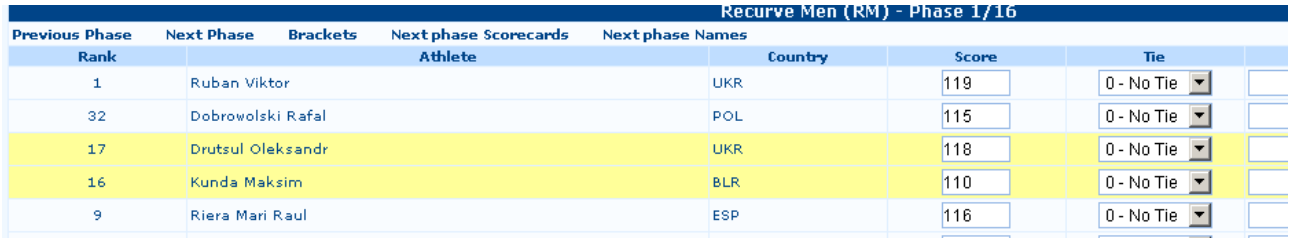
Visualize the section table where insert the score.
Use the “Enable” buttons to decide which round should be operative.



[2] It is possible to manage just one event at a time

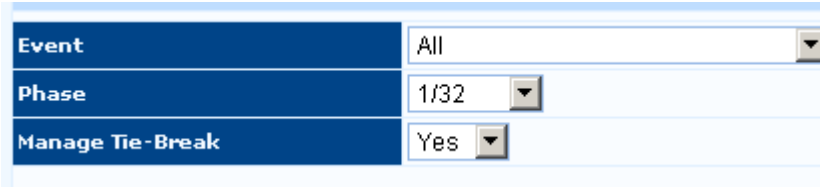
In the Tie-Break management it visualize the shoot-off arrows insert fields.
Use the drop menu next to the score to select the “Bye” or proximity “*” winning.

Table Data Insert



Use the table data insert to handle all the boards at the same time (or just for a viewing choice, of course)

- Select the operative event or the “All” choice from the drop down menu.
- Select the starting match. If it is not provided (ex. 32nd if it will start from 8th) it displays a blank page.
- Decide whether or not enable Tie-Break
- Click “OK”

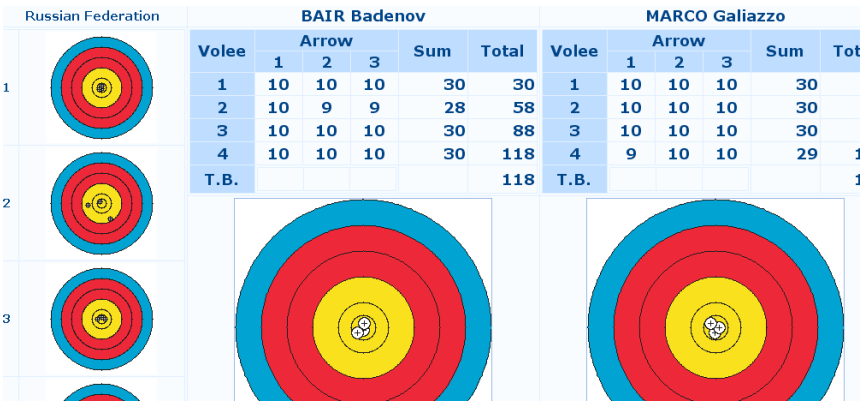


Insert scores and validate with the “Save” button.

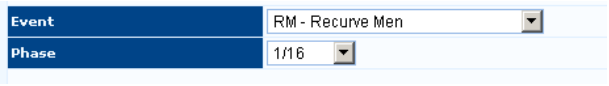
• To shift between competition phases use the “Previous Phase” and “Next Phase” commands.
• Use “Brackets” command to create a PDF printout of the current bracket.
• Use “Next Phase Scorecards” command to generate the PDF file of the further match scores.
• Use “Next Phase Names” command to generate the PDF file of the next matches athletes' names

Spotting

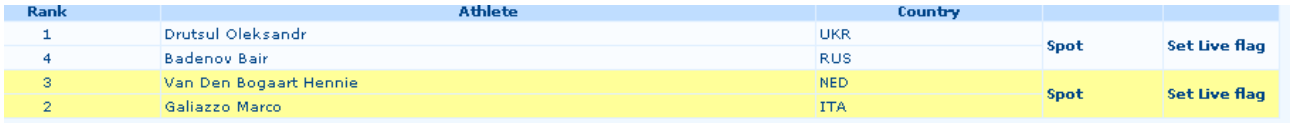
To visualize on the TV out the real time spotting of a match.
This function collect data and no other input is necessary at the end of the match.



Choose event and competition phase.
Click“OK”

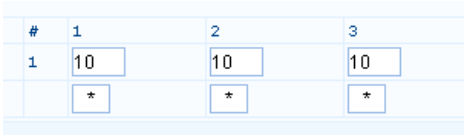


• Choose which spotting will be sent on TV with the “Set /Unset Live” flag
• Press “Spot” to access the arrow insert



Click on the end number to enable the inserting (T.B. In case of Tie – Break)

• Insert the impact point of the arrow using both the mouse or the keyboard in the boxes below
• Use “ * ” in case of doubt score
• Remove * once the score is checked
• Press “OK” to confirm

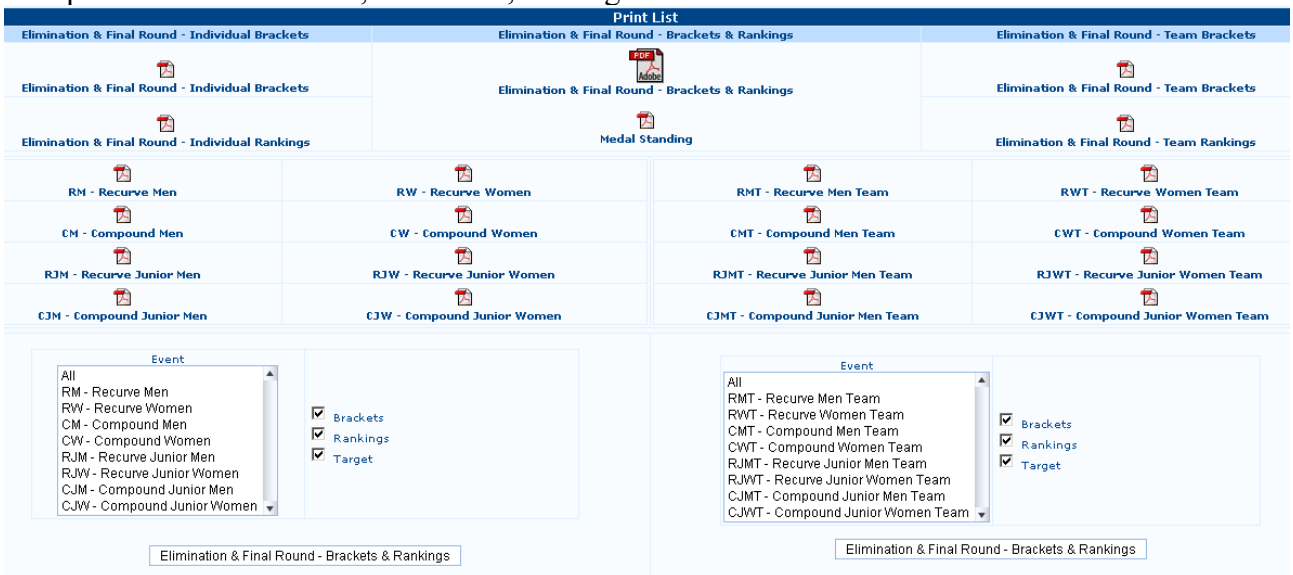


Data Import

Use for the data insert through dedicated devices (keyboards)

Printouts

All the final phases printouts
Comprehensive of Brackets, result lists, rankings etc.



OUTPUT

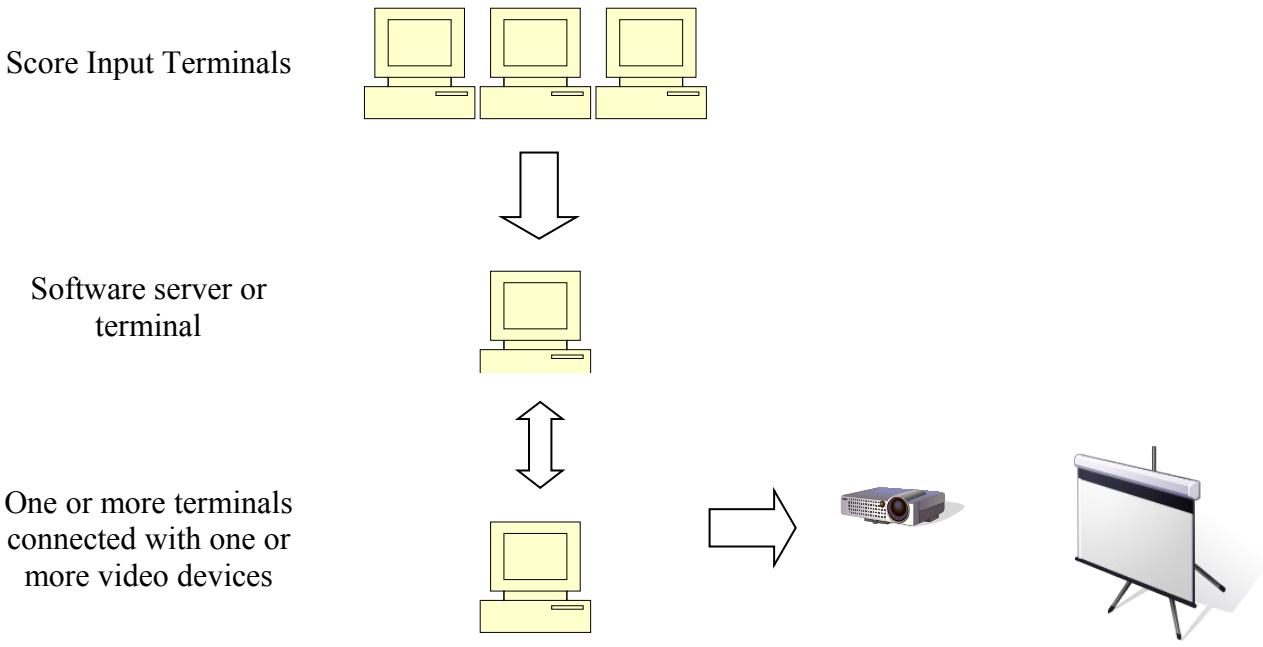
TV Out

For each competition ranking it is possible to visualize a video output selecting from those in the navigation Output/Setup.

Available Rules for TV Output
quals
1
2

Images generated this way will be shown on a new browser page and can be sent – through the appropriate terminal - to televisions, screens etc.

Recurve Men - 1/16				
Target	**Archer**		**Country**	**Total**
33	Ruban Viktor	UKR	Ukraine	119
33	Dobrowolski Rafal	POL	Poland	115
34	Drutsul Oleksandr	UKR	Ukraine	118
34	Kunda Maksim	BLR	Belarus	110
35	Riera Mari Raul	ESP	Spain	116
35	Floto Florian	GER	Germany	117
36	Kucukkayalar Tunc	TUR	Turkey	114
36	Cuesta Cobo Elias	ESP	Spain	113
37	Rohrberg Sebastian	GER	Germany	115
37	Dornhofer Heribert	AUT	Austria	115 *
38	Ergin Goktug	TUR	Turkey	113
38	Prylepav Anton	BLR	Belarus	114



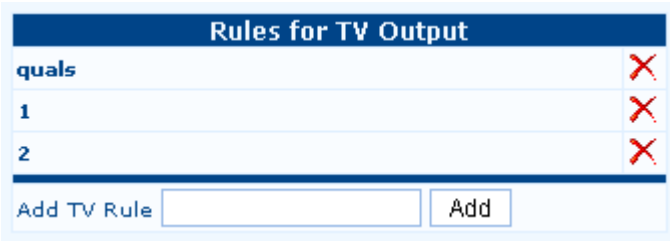
In order to obtain the best operativity of output devices, please connect them to a terminal connected with the software server (or computer).

Expert users can also use a single computer through self S.O. options "screen duplication".

This way it will be possible to publish all the results and also locally (on the server) modifying settings (see below) real time visible without interrupting the projection

Setup

It is possible to create an infinite number of projection rules assigned to different views, that could be recalled by the "TV Out" panel.



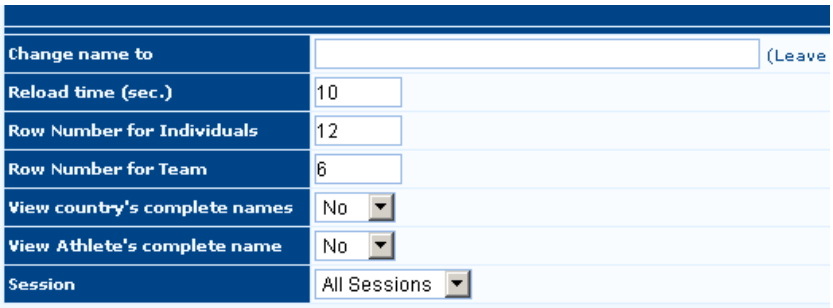
• To create a new rule add the name in the "Add TV Rule" field and click the button.

• To edit an existing rule click on its name.

• "Not Usable" will be next to the rule name until the rule settings are not complete.

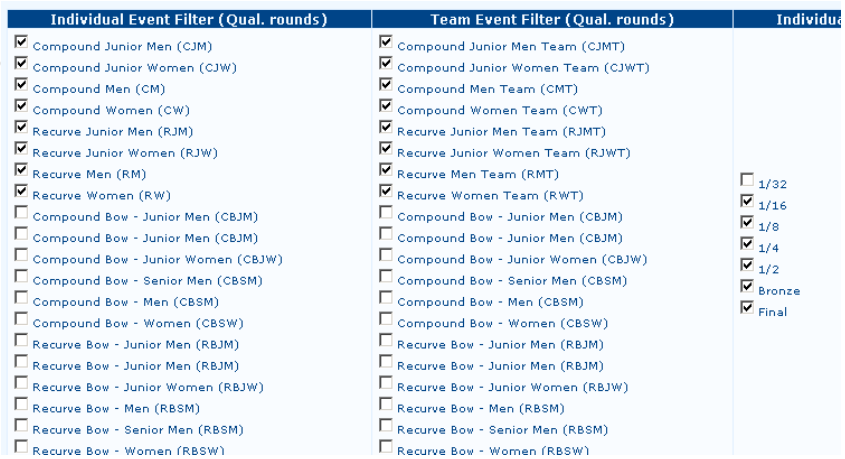
It is also possible to select the spotting display.

In the first part, select the view criteria (according with the planned output)



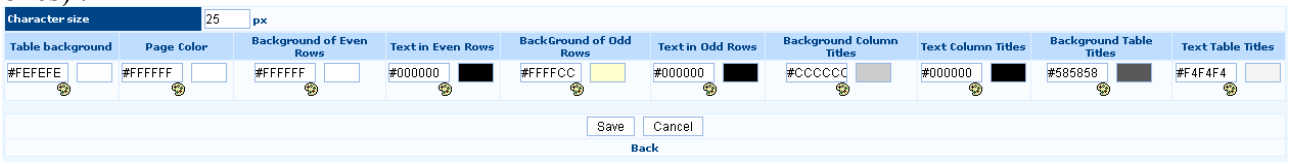
In the middle part select which to visualize:

• Individuals result list
• Teams result list
• Individuals finals
• Teams finals



In the bottom part decide the projection order

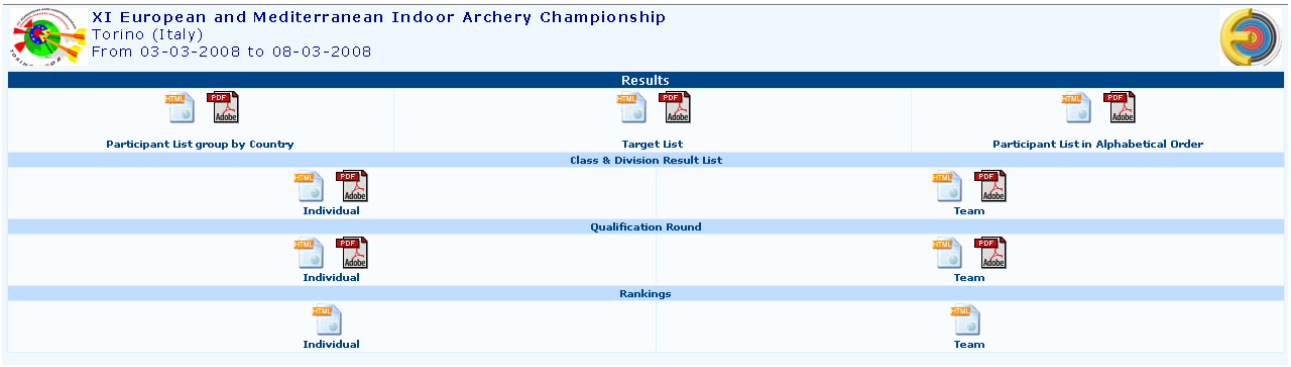
At the end, edit the text choosing size and colours (obviously it is possible leaving the default ones) .



Internet Preview

Visualize the whole Internet generated data when the system is remote used and connected to the network.

This option will be fully operative in the near future.



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