

Nacsport Viewer Version 6.0 (05 August2020





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0.SYSTEM REQUIREMENTS

A computer with any version of Window 7 or higher is needed to use **Nacsport Viewer** correctly.

Technical requirements

Minimum requirements

Operating System Windows 8 (32 or 64bits)

Hardware RAM Memory: 4GB Processor: Intel© Core i5 or similar Video memory: 256MB dedicated memory (not share with general RAM) Screen resolution: 1366 x 768 At least 300MB free hard disk space to install software

Recommended requirements

Operating System Windows 10 (32 or 64bits)

Hardware RAM Memory: 4GB Processor: Intel © Core i7 or equivalent Video memory: 512MB dedicated memory (not share with general RAM) Screen resolution: 1920 x 1080 At least 300MB free hard disk space to install software

Useful links

FireWire: <u>http://en.wikipedia.org/wiki/IEEE_1394</u> CPUs: <u>http://www.cpubenchmark.net/</u> HDMI: <u>http://en.wikipedia.org/wiki/HDMI</u> VGA: <u>http://en.wikipedia.org/wiki/VGA_connector</u> External Hard Drive: <u>http://www.amazon.com/External-Hard-Drives-Storage-Add-Ons/b?ie=UTF8&node=595048</u>





1. KEYBOARD SHORTCUTS

1.1 Video player	Page 5
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1.4 Main menu	Page 8





1.1 Video player

 \mathbf{M} : Play frame by frame. Press once to advance just one frame. Keep pressed to play the video continuously.

N: Rewind frame by frame. Press once to rewind just one frame. Keep pressed to rewind the video continuously.

B: Play at 3X speed. Press once to play.

V: Rewind at 3X speed. Press once to rewind.

Page Up: Go forward 5 seconds. Configurable time.

Page Down: Go backwards 5 seconds. Configurable time.

Spacebar: Play/pause video.

Shift + Enter: Full screen video playback.

Esc: Return to previous video player size from full screen. To switch between full screen and previous video player size, double click on the title bar of the respective window.

L: Continue the video after playing a record.

R: Replay the last register shown





1.2 Timeline

1: Play next register (action) in the selected category.

- **2:** Play previous register (action) in the selected category.
- **3:** Add selected register to a selected list from the presentation.

Control+3: Add selected register to a selected list from the presentation adding all the multiple angles from the analysis.

Insert: Add a selected register to the selected list from a presentation.

A: Go to the following category.

Q: Go to the previous category

Control+T: Hide/ show Timeline

Note: whilst the Timeline is hidden, registers can be only viewed by categories and not in chronological order.

- 4, 5, 6, 7: Change between video angles
- **D**: Make a drawing on the actual frame in the video player.
- **Ctrl + M**: Make a new row by merging the selected rows.

Ctrl + C: Change the colour of the selected row.

•\^a: Full screen.

- **0** (**Zero**): Set an standard layout for the Timeline and Video player
- E: Go to the end of the register.

+: Zoom-in in the timeline

-: Zoom-out in the timeline

Right click when closing: Close timeline and go to My Analysis

Right click when opening a presentation: Open the last presentation

Right click when opening a dashboard: Open the last dashboard.

Right click when opening a datamatrix: Directly open the Full matrix.

Ctrl+mouse wheel: zoom in/zoom out timeline

Click+mouse wheel: vertical scroll.





From presentations:

- M: Merge selected lists.
- **D**: Duplicate selected lists.
- **C**: Change the colour of the selected register/list.
- N: Make a new list
- X: show/hide list
- S: Select all the visible registers
- Shift+S: Select all the registers
- F: Change the font colour from black to white or vice versa
- **E**: Go to the end of the register.
- F5: Refresh list's information.
- Shift+3:Make a new list with the selected registers
- Ctrl+C: Copy the selected registers
- CtrL+V: Paste the selected registers
- **Alt + S:** Make a copy of the selected presentation.
- Alt + M: Merge all the open presentations in a new one
- **Ctrl+ ±**: Make a new presentation

From show presentations:

- E: Enable/disable edition mode.
- T: Show/hide text
- SIow motion





1.3 General shortcuts

Shift + P: Show all opened windows. If you close **Nacsport Viewer** with one or several windows on a secondary monitor or projector, those windows will not be shown if you open the program again without connecting the secondary monitor or projector. This combination of keys fixes this problem.

Alt+I: Sets the START for the selected register to the current video position and go to the next register

Alt+O: Sets the END for the selected register to the current video position and go to the next register

1.4 Main menu

ESC: Closet he program.

- Ctrl + P: Open video player.
- Ctrl + O: Open options.
- Ctrl + B: Open an external .nac.
- M: Open My Analysis.
- **P:** Open Presentations.
- L: Open the last analysis used in Timeline.
- **Ctrl + U:** Check updates.
- **Ctrl + L:** Open the registration and activation of your license.
- **F12:** Remote support.
- F1: User Manual.
- F2: Video helps.
- F3: open web page.

Shift + P: Open the last used presentation.

Right click on presentations: show the last 10 presentations





2. PRESENTATIONS

With this tool you can see any presentation you have imported to Nacsport Viewer.

2.1 Show a presentation

To show a presentation, go to **Presentation** on the main menu and then select the presentation you want to show.

In this window, the presentation that you choosed will be shown.



To reproduce a register after another with stopping the video, click

You can show the previous or next register by clicking \square \square or by pressing keys **1** and **2**.

To show the video on full screen, click

By default, video will stop when it shows a picture/drawing so you must to click on the video to continue the playback. To use the selected stop time (5 seconds by default) click Continuous reproduction.

2.2 Import a presentation

- 1- Go to **My documents** folder.
- 2- Open NAC SPORT DATA folder.
- 3- Open Pres folder.
- 4- Paste .pre files you want in this folder.





3. TIMELINE

This environment contains all the registered action shown by categories (rows) in an intuitive Timeline in which you can modify you register, change its duration. To access the Timeline go to Nacsport databases and select the database you want to open.

5.1 Timeline icons

5.2 Timeline tools

Page 11

Page 12





3.1 Timeline icons

Show and hide all records (actions) in selected category.



Show the window to compare selected actions (8 maximum).

- Open an already created database in the current Timeline.

 \blacksquare Open the window which shows all categories and descriptors (Data Matrix).





Q Open the actions searcher.



Timeline options.



Open exportation options.





3.2 Timeline tools

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3.2.1 Show/hide register list

This tool shows/hides the list of registers the Timeline contains in a clear and easy way.





Registers can be shown by categories or chronological order.

ow descriptors egory (4) SHOT LOCAL SHOT LOCAL	• All 02-15 04:14	02:25
egory (4) HOT LOCAL HOT LOCAL	 All 02:15 04:14 	02:25
HOT LOCAL	02:15	02:25
HOT LOCAL	04:14	04-24
		04.24
SHOT LOCAL	09:43	09:53
HOT LOCAL	13:31	13:41
		1

	The second Particula		
1	Show descriptors		
• 0	ategory	O All (2	65)
1	TURN-OVER VISITOR	00:00	00
1	POSSESSION LOCAL	00:07	00
1	PASSES LOCAL	00:05	OC
2	PASSES LOCAL	00:10	00
3	PASSES LOCAL	00:13	OC
4	PASSES LOCAL	00:18	00
			the second s





3.2.2 Compare actions

With this tool you can compare up to 8 different videos (registers).

1- To compare registers just select them in the grid on the left of Timeline by keeping pressed Control key and clicking



To synchronize the beginning of one of the videos, click until the moment you desire. Then, repeat the process with other videos.

To play all the videos at the same time, click \square and \square .

To see the videos on full screen, click lacksquare

To compare an action from the timeline with an external video click on I Clicking on a new action will show it in the comparison tool. The external video will never change.

To compare two actions by overlapping them instead of having one next to the other. click on Clicking on from the comparison window you can make a video showing the overlapped actions. The exported video will not contain any drawing.

Note: You can only use the overlapping to compare a maximum of two videos





3.2.3 Open a database in the Timeline

With this tool you can work with as many databases as you want in a single timeline. This allows to make presentations and videos of several events.

To add a database, click

		Mis Anális	is			
+						111 111 111
Data	bases Nacsport [27]	Database	Video	Date	Registers *	Linked videos 🗠
0	betis [6]	1 HD J36 LIGA BBVA Celta - Sevila.nac	HD J36 LIGA BBVA Celta - Sevilla.mp4	15/06/2015		C:\Users\Nacsport\Desktop\HD J3511GA BRVA Cetta - Sevila mp4
0	gitona [4] Mia Análisis (71)	HD J42 LIGA ADELANTE Las Palmas - Alaves.nac	HD J42 LIGA ADELANTE Las Palmas - Alaves.mp4	10/06/2015		J42 LIGA ADELANTE Las Palmas
ē (My Analysis [2]	3 Nuevo registro 11 junio 2015 05_44 PM.nac	HD J42 LIGA ADELANTE Las Palmas - Alaves mp4	11/06/2015		42\HD J42 LIGA ADELANTE Las
0 0	MyDBs[142] Samples[4]	HD J42 LIGA ADELANTE Las Palmas - Alaves 1 nac	HD J42 LIGA ADELANTE Las Palmas - Alaves.mp4	10/06/2015		J42 LIGA ADELANTE Las Palmas
	TEST [80][72]	5 HD J42 LIGA ADELANTE Leganes - Zaragoza pac	HD J42 LIGA ADELANTE Leganes - Zaragoza mp4	09/06/2015	304	J42 LIGA ADELANTE Leganes -
	HD J36 LIGA BBVA Celta - Sevila.nac	6 Nuevo registro 11 junio 2015 05_41 PM.nac	HD J42 LIGA ADELANTE Leganes - Zaragoza.mp4	11/06/2015		42VHD J42LIGA ADELANTE
	HD J42 LIGA ADELANTE Las Palmas - Alaves.nac HD J42 LIGA ADELANTE Las Palmas - Alaves. 1.nac	HD J42 LIGA ADELANTE Mirandes - Mallorca pac	HD J42 LIGA ADELANTE Mirandes - Malorca mo4	09/06/2015	286	J42 LIGA ADELANTE Mirandes
	HD J42 LIGA ADELANTE Leganes - Zaragoza nac HD J42 LIGA ADELANTE Misandes - Malisca nac	8 HD J42 LIGA ADELANTE Numancia - Tenerife nac	HD J42 LIGA ADELANTE Numancia - Tenerife.mp4	10/06/2015	292	42VHD J42 LIGA ADELANTE
	HD J42 LIGA ADELANTE Numancia - Tenerife nac	9 HD J42 LIGA ADELANTE Ponferradina - Alcorcon nac	HD J42 LIGA ADELANTE Ponferradina - Alcorcon mot	10/06/2015		J42 LIGA ADELANTE Ponferradina -
	HD J42 LIGA ADELANTE Ponferradina - Alcorcon nac HD J42 LIGA ADELANTE Recreativo - Barcelona B.nac	10 HD J42 LIGA ADELANTE Recreativo - Barcelona B.nac	HD J42 LIGA ADELANTE Recreativo - Barcelona B.mp4	11/06/2015		J42 LIGA ADELANTE Recreativo
	HD J42 LIGA ADELANTE Sabadell - Osasuna nac HD J42 LIGA ADELANTE Sabadell - Osasuna 1 nac	11 HD J42 LIGA ADELANTE Sabadell - Dsasuna 2 nac	HD J42 LIGA ADELANTE Sabadell - Dsasupa mo4	15/06/2015		J42 LIGA ADELANTE Sabadell
	HD J42 LIGA ADELANTE Sabadel - Osasuna_Initia	12 HD J42 LIGA ADELANTE Sabadel - Osasuna 1.nac	HD J42 LIGA ADELANTE Sabadell - Osasuna mp4	11/06/2015		J42 LIGA ADELANTE Sabadel
	J41 LIGA ADELANTE Sporting - Sabadelinac J41 LIGA ADELANTE Sporting - Sabadeli_1.nac	13 HD J42 LIGA ADELANTE Sabadel - Osasuna nac	HD J42 LIGA ADELANTE Sabadell - Osasuna.mp4	11/06/2015		J42 LIGA ADELANTE Sabadel
	J41 LIGA ADELANTE Spoting - Sabadell_1_backup.nac J41 LIGA ADELANTE Spoting - Sabadell_2 nac	14 J41 LIGA ADELANTE Sporting - Sabadell 1 backup nac	J41 LIGA ADELANTE Sporting - Sabadell.mp4	04/06/2015		LIGA ADELANTE Sporting
	J41 LIGA ADELANTE Sporting - Sabadell_3nac	15 J41 LIGA ADELANTE Sporting - Sabadel_3.nad	J41 LIGA ADELANTE Sporting - Sabadel.mp4	13/06/2015		41 V41 LIGA ADELANTE Sporting
	J41 LIGA ADELANTE Sporing - Sabadel_4.nac	16 J41 LIGA ADELANTE Sporting - Sabadel nac	J41 LIGA ADELANTE Sporting - Sabadel.mp4	08/06/2015		41\J41 LIGA ADELANTE Sporting
	J41 LIGA ADELANTE Sporting - Sabadel_6.nac Nuevo registro 04 junio 2015 01_53 PM.nac	17 J41 LIGA ADELANTE Sporting - Sabadel _2.nar	J41 LIGA ADELANTE Sporting - Sabadell mp4	13/06/2015	9	41V41 LIGA ADELANTE Sporting -
	Nuevo registro 11 iunio 2015 05 41 PM.nac	V (

Select a database. Double click it and click **Go to the Timeline**, or select several databases and click

To change from a database to another one, click the tab you want.







3.2.4 Data matrix

In this window you can see in a clear and quick way all the categories and descriptors. You can consult numerically all the actions registered and see them immediately.

To access to the data matrix, click oxplus



To make a multiple data matrix, you have to have a second database opened in the Timeline _____

Click on and choose the databases you want to see in the matrix





Simple data matrix:



Multiple data matrix:







Customized Matrix

To make a customized matrix click on \blacksquare and select "customized matrix" option.



Choose the categories and descriptors you want to show at the matrix.

You can also make groups of categories or descriptors by selecting several elements at once (keep the Ctrl key pressed), right button click and select "make a new group" option.

You can save the customized matrix clicking on lacksquare

To open an already made customized matrix you can select the proper option on

the box at the left of an opened matrix or clicking on igsqcup

You also have a list with the 10 latest used customized matrix which you will find by clicking on \blacksquare or in the box at the left of an opened matrix

To add the registers to a presentation click on and select the option you want.

Note: You cannot add register in case you are using a multiple matrix.

Combination of descriptors in the data matrix

With this tool you can filter your actions by using a combination of several descriptors from your data matrix. This will allow you to filter you actions in a much deeper way.

To do so, open a data matrix and click on 🔘

Alt + Click to select descriptor				
	Nick name		4	
		~	111	
< >				

Now keep pressing the Alt key and click on the descriptors you want to combine

From the upper box you can select the relation between the descriptors by clicking on the button between the descriptors





The possible relations are:

AND: Both descriptors are in the same action at the same time. NOT: The descriptors are not in the same action at the same time OR: The action contains one of the descriptors, the other or both descriptors at the same time.

Example:

To get all the good actions in which Player 1 and Player 2 where together:

Good 🗙 AND Player1 🗙 AND Player2 🗙

To get all the good actions from the 1st quarter in which Player 1 wasn't playing:

Good 🗙 AND 1st Q 🗙 NOT Player1 🗙

To get all the good actions by player 1 during the 1^{st} quarter and all the good actions by player 1 during the 2^{nd} quarter:

Good 🗙 AND Plaγer1 🗙 AND 1stQ 🗙 OR 2ndQ 🗙

This option excludes the actions happened during the 3rd and 4th quarters

Clicking on \checkmark you will make a new descriptor that will be added to all the actions which agree to the combination criteria you selected. This new descriptor will be shown as the last descriptor in the matrix

You can set an specific name for the new descriptor from the "Nickname" box.

To save the combination criteria, click on Tanda and set the a name for the file. You can open any saved criteria by clicking on

To delete the set criteria click on $ar{{
m III}}$





3.2.5 Timeline options



you can maximise or minimise the Timeline. To show the

entire Timeline, click 🔼

Change the start or end of a record: position the cursor on the left (start) or right (end) of the record and when it changes to \clubsuit . Left click and drag it in one of the two possible directions.

Temporary displacement of record (without affecting its length):place the cursor in the centre of the record and when it changes to 2. Left click and drag it in one of the two possible directions.

Order the Timeline: Right button click on any category and choose "Order the Timeline by...". You can order the Timeline by colour, name, number of registers o customized.

Show/hide a category: Select the category you want and click the Hide category or Show category option.

Make a new category with the selected registers: To make a new category containing the selected registers click on **All** from the registers grid to see all the registers in chronological order. Select the registers you want click on **and** then

on "make a new category with selected registers" option

Overlay information on the video (notes and descriptors): To show text directly over the video right button click on the video window and select "overlay text in video". Now select the options you want.



Note: The final videos will NOT have overlay text

Merge rows in timeline: To merge two rows in timeline select both rows keeping the Ctrl key pressed. Right mouse click and select "Merge rows"...This will make a new row containing all the registers from the previously selected rows





Colour filter in timeline: From timeline you can filter your categories by colour showing just those with a specific colour. To do so click on the colour you want to hide in the box you will find over the categories names. To show a hidden colour click on it again.



Hidden categories will not be shown in the data matrix

Continuous playback of a category: You can watch all the registers of a category in a continues playback by clicking on

Timeline colour options: From the Timeline options menu you can choose any of the 6 styles.





3.2.6 Actions searcher

In this window users will be able to search any action. An example of a search might be: "I want to see all the Spanish faults from the right wing shot by Xavi in the second half".

The search can be done from one only match or whole season, without limits. To access to actions searcher, click



Select database you want to search in and click 😇. Then, click 🗹 to start searching actions.

Users will be able to search actions in categories or descriptors by selecting • Categories



To see selected register, click 🞑.

The search can be done from one only match or whole season, without limits.

To add the registers to a presentation click on **and select the option you want**.

Note: You cannot add register in case you are using a multiple search.





3.2.7 Export

With this tool you can export you database in some different ways:

- As .XLS file showing the registers in chronological order.
- As .XLS file showing the percentage of categories.
- As . XML file in order to work with other programs.
- As .XLS file.

To export, click **and** select desired option

Export to PDF or XLS (Chronological order) Export to PDF or XLS (Percentage by categ	pories)
Export as XML file	
Export to MS Excel © (XLS format 1)	
Export to MS Excel © (XLS format 2)	
Export as text file	

You can export just the categories you select when making an .XML file to do so just click the .xml export option you want and then select the categories you want in the window.

\square		Export as XML file	K
⊻ s	elect	all	
	\odot	Categories	^
	\checkmark	THROW IN GIR	
	\checkmark	FREE KICK GIR	
		CORNERS GIR	
		CORNERS DEFENSE GIR	
		SHOTS GIR	
		GOALS GIR	≡
		GOAL KICK OSA	
		GOAL KICK DEFENSE OSA	
		BUILDING UP OSA	
		BUILDING UP DEFENSE OSA	
		THROW IN OSA	~
		Export as XML file	Ŧ

You can export a .csv file showing the click time reference of the every register. This will allow you to link the registers with the data provided by a gps device.

To do so click on Tand select Export .csv - System clock

Exported file

```
'11:05:28','11:05:28','11:05:45','ATTACK','Mid press,Ends as a possession change'
'11:05:42','11:05:47','11:06:02','LOST','Steal'
'11:05:48','11:05:51','11:06:07','DEFENSE','Mid press,Ends as a shot'
```

Notes: The time shown corresponds to the time on the PC at the moment the register was done.



Niewer

3.2.8 Dashboards

0		+ () 2 4 ? - 🗆 🗙
	Passes	Passes
Payer 1 - Enderland action	50 64 50 50 50 50 50 50 50 50 50 50	Payer 5 Beckward forward Payer 6 Beckward forward Payer 3 Beckward forward Payer 3 Beckward forward
- Individual action	15 succeded succeded succeded succeded succeded succeded	Payer 1 bectmand forward
Player 2 - Shall	Player 1 Shots in, out of the area 50%	Total sum of actions by players
Player 3	Player 2 Shots in, out of the area 25% Player 3 Shots in, out of the area 33%	
- Passes	Player 4 Shots in, out of the area 100%	
Player 4 - Dribling	Place of actions by players	Payer1
- Individual action	Payer 1 MgH Int Carther	Payer3
Player 5 - Shot	Payer 3 Int Context	
0 4 8 12 16 2	Payer 5 lint Payer 2 Fight Let Denter	
	0 8 16 24 32 40 48 56 64 72 80 88	×

The dashboards will allow you to see a graphical representation of the actions happened in the event, making easier to understand what happened during the event.

To work with dashboards first you have to import one. To do so click on \blacksquare to open the dashboards environment and then click on \boxdot to look for the .dashboard file you want to import.

To open a dashboard click on ,choose the dashboard you want to open and

click on . To open several dashboards at the same time, select all of them and click on .

To see a list containing all the actions of any of the elements in the dashboard click

on the element (chart, label). To add the registers to a presentation click on and select the option you want.

Note: You cannot add register in case you are using a multiple dashboard.

Multiple dashboards from Timeline

Having several databases opened in the Timeline you can do a multiple dashboard containing information of all those databases

To do so click on \blacksquare . If you want to add another analysis you can do it by clicking on \blacksquare , selecting the analysis you want, clicking on \blacksquare and finally on \blacksquare ,

$\hfill \square$	Search - Nacsport Elite	×
	Databases: 2 Reαisters: 555	
betis [29]	Database Video Date Registers	
🚰 00001.nac 🚰 3_FÁLTAS SPO 6.nac 🚰 035 F C Barcelona-Bilbao Basket - J 3	SD J35 LIGA ADELANTE Llagostera - Sporting nestport nac Llagostera - Sporting mp4 27/04/2015 254	+
O35 Unicaja-F C Barcelona - J 33.nac O25 Unicaja-F C Barcelona - J 33.nac O2140208 LEK-DWG.nac	HD J36 LIGA ADELANTE 2 Sporting - HD J36 LIGA ADELANTE Mallorca_nacsport.nac Sporting - Mallorca.mp4 04/05/2015 301	
Activation receive out and to Activation receive out and to Activation receive out and to Activation receiver out and the Activation receiver Activation receiver out		
ESPTHE T/UT2015.nac JT8LIGA ADELANTE Numancia - Lug JT8LIGA ADELANTE Retis - Osasuna JT8LIGA ADELANTE Zaramaa. Soc		Ê
JOS LIGA ADELANTE Zalajuća - Spic JI J34 LIGA ADELANTE Belis - Zaragoz JII JII GA ADELANTE Scodera ANI		~





You can hide one or more analysis when having a multiple dashboard. To do so uncheck the analysis you want and click on

Databases	Existing dashboards
HD J36 LIGA ADELANTE Sporting - Mall	SPO
🔲 J33 LIGA ADELANTE Zaragoza - Sportin	
🔲 J34 LIGA ADELANTE Sporting - Alaves_i	
🗹 SD J35 LIGA ADELANTE Llagostera - Sp	

You will also be able to open a multiple dashboard directly from My analysis environment choosing the analyses you want and clicking on \square

Variable label.

With this option you can use a label which will modify a variable involved in any chart or data label in your dashboard

To change the variable click on the Variable label and select the one you want, this way all the labels or charts with the original variable will change into the selected one.

High press	✓	High press
		Mid press
		Low press

Reorder the preview.

When openning a dashboard from multiple databases and clicking on any bar, section or label you can select the order in which the registers will be shown.

To change the order in which the registers are shown click on Order by anlysis name (.nac). Now the registers will be shown in chronological order by analysis.

Chronological order:

🔤 Ord	er by anlysis name (.r	iac)		
🔄 Ma	kimize the window wh	en openin	g	
1	7 Mts opp	09:21:17	09:24:39	1st h
2	7 Mts opp	14:25:19	14:29:44	Up ri
3	7 Mts opp	21:15:04	21:21:12	1st h
4	7 Mts opp	27:38:31	27:43:04	1st h
5	7 Mts opp	33:58:40	34:01:48	Dow
6	7 Mts opp	35:13:03	35:20:10	1st h
7	7 Mts opp	73:22:15	73:30:44	2nd I

	By analysis	s order	:	
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Ma:	kimize the window wh	en openin	g	
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6	7 Mts opp	35:13:03	35:20:10	1st h
- 7	7 Mts opp	73:22:15	73:30:44	2nd I
3	7 Mts opp	21:15:04	21:21:12	1st h
1	7 Mts opp	09:21:17	09:24:39	1st h
2	7 Mts opp	14:25:19	14:29:44	Up ri
5	7 Mts opp	33:58:40	34:01:48	Dow





Resize dashboard content.

With this option you can modify the size of the dashboard window and all the objects in it.

To do so click on **1** and change the size of the window.

Now all the object keep the same size ratio they had before.

Regular resize:











3.2.9 Presentations

With this tool you can make a list with registers in order to create a presentation and then show them.

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						TURN OVER VISITOR #8	08.42	00 52	nimple fubul .np4			1 /r half
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				10		TURN OVER VISITOR # 10	12.24	12:34	njempio tubol mpi	0		103.08
				11	8	TURN OVER VISITOR # 11	14.76	14.25	Nampio Naturi Jupa	0		10.108
				12	2	TURN OVER VISITOR #12	15.51	16.01	Agen lodul olganija			Tat hall
				13	8	TURN OVER WEITOR #13	19.24	2934	Nempio Nation .mp4	0	4.1	1034
				1								

5.2.2.1 To make a presentation

To make a presentation, click from the Timeline and then **Make a new** presentation.

Make a new list by clicking . You can change the name of the list by double clicking it.



Select register you want and press the key number **3** to add them to the list.

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Mostrar descriptores	POSSESSION	Nueva kra Duble ck: par	4 00.33	1	TURNIOVER LOCAL BE	07.45	07.55	remple Mbol mp4			1.0 hall
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You can select registers on the left of Timeline.

To delete a list click



To edit registers from the presentation:

To edit a register from the presentation, double click it or click



In this window, you can add notes, pictures and drawings. You can also change the duration of the register.

To change the length of a register, click on the start/end of a register and when the icon turns up, just drag the register to the moment that you want.



To add a drawing, click at the moment of the video you want to It will be saved in your database so it will be shown in the presentation.

To change the font, color and background of a text click on

To add a reference grid in order to make a draw click on \blacksquare

With these options, you can modify an already added drawing.



You can add a note by typing what you want on the proper text box.

To go to the next register, click

To add the register to another list click on .Now you can make new lists by clicking on To add the actual register to another list, select the list you want and click on You can also add register to another list by double clicking on the box showing the amount of registers in a list.

Lists	No.
New list. Double click to rename	3



ewer



Multiple tabs for presentations

With this option you can work with several presentations at the same time, being able to combine them.

To do so, click on \blacksquare on the upper left corner of the window. Noe select another presentation to open.

n G	ame dav 15 × Game	dav 1	6 × 7	Gar	me da	w 17	Presentations	- File: Game	day 17			?:	_	X
-		r R	, ,			Ļĝ		İ			۹			۵
Pres	entations - Length: 58:	12			Regi	sters	ncluded for the	selected list	26. Use	d video	s: 1 . Current list: SHO	Т		
	Lists (7)	No.	Tim	^		0	Nar	ne	Start	End	Video	Slow	Audio	ын •
Ê	LOST	31	10:1		1	N	SHOT #:1		34:39	34:59	HD J37 BBVA Real Madrid • Valencia mp4			
侖	DEFENSE	61	24-2		2	\checkmark	SHOT #:2		40:05	40:25	HU J37 BBVA Real Madrid - Valencia mol		-	
ш	DEFENSE	01	24.2		3	\checkmark	SHOT #:3		48:43	49:03	HU J37 BBVA Real Madrid Valencia mo/			
Ê	STEAL	25	08:1		4	N	SHOT #:4		50:57	51:17	HU J37 BBVA Real Madrid Valencia mp/		-	
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The changes made in one of the presentations will not affect the rest.

Pressing Alt + S will make a copy of the selected presentation

To make a new presentation with the content of all the opened presentations, press Alt + $\ensuremath{\mathsf{M}}$

Pressing Ctrl + + will make a new presentation.

You can change a presentation by double clicking on its tab.

You can copy a list from a presentation and paste it in another presentation

Export presentations

To share you presentation click on and select a name and path to save you presentation.

To show a presentation

To show a presentation click on

0	Lista actual: SHOT VISITOR - SHOT VISITOR #3-00:16:06	n	8				F	reser	itacion	es Arcl	hivo: presentación	5	1	
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nacet E	- Contract I is subtraction to a second	-								CUOT	VISITOR #1	15:01	15:11	ejemplo futbol
a second second second] IMP SE	HUTLUCA			U1:21			SHOT	VISITOR #3	16:00	1610	ejemplo tutbol a
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To see the presentation settings click on $\textcircled{\begin{tabular}{ll} \label{eq:constraint} \label{eq:constraint} \end{tabular}}$

	🖌 Insert text
	Votes
,	Descriptors

To show notes and descriptors of a presentation, click

To show text directly over the video right button click on the video window and select "overlay text in video". Now select the options you want.

∩ Overlay text in the video 🗙
✔ Overlay text in the video
Show category name
Show descriptors
✓ Show notes
Font
Transparent
Font colour
Background colour
5 🛨 Hide the overlay text after 5 seconds
Text position
• Top - Left
 Botton - Left
• Centred 🗸 🗸

Note: The final videos will NOT have overlay text.

To reproduce a register after another with stopping the video, click Continuous reproduction

You can show the previous or next register by clicking \square or by pressing keys **1** and **2**.

To show the video on full screen, click 🛄

To play the video on slow motion click on \square and select the speed you want $C_{\text{amara lenta}}^{\text{Camara lenta}}$ 0.55x 0.50x 0.75x 1x

By default, video will stop when it shows a picture/drawing so you must to click on the video to continue the playback. To use the selected stop time (5 seconds by default) click Continuous reproduction.

Remote control for presentations.

To link your presentation with the iOS app Nacsport Rem<u>ote</u> Control click on \square

and insert the PIN code in your phone or tablet. Click on \square to link the devices. Now you can control the presentations playback remotely by using the controls showed in your phone or tablet screen.

Pin code for your Rem	ote	
0959	3	
Auto start remote		×

Clicking on Vou will generate a new PIN code





Dashboards from presentations.

Now you can open a dashboard based on the registers in a list from a presentation.

To do so select the list you wan and click on from the presentation window. You can also open a dashboard while showing the presentation.





3.2.10 Link different videos from the same event

With this tool you can link up to 4 different videos from different angles of an event. To do this click on and select the option **link video angle**



Then select the tab where you want to add the video and click on



Select the video you want to and synchronize it with the original using the time scroll if necessary. Once finished click on \checkmark and you will see the different videos at the same time

To change views between the different videos and mosaic (4 videos at the same time) select the view you want by clicking on



Now you can make a video with any view you are showing at the moment of the production of the video (any single video o al of them at the same time)

To do reorder the additional videos keep the Ctrl key pressed and drag the video to the position you want when showing the mosaic view.





3.2.11 Category frequency chart

With this tool you can see a graphical representation of the amount of actions by category happened during an event, and even compare them.

To do so, click on k, select the categories you want to add to the chart and then on 🕄



By clicking on any of the areas in the chart you will see the actions happened at that moment.

You can modify the time interval by setting the want you want on 05:00



You can show value my duration of the action in an interval by clicking on Values in time mode





4. MY ANALYSIS

In this environment you can consult all the databases created or imported by the user.

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Ruevo registo 11 unio 2015 01 51 PM nac	4					100

To access to timeline double click the name of any green database you want.



If the databases is shown in red colour, this means that there is no video linked to that database due it is in a different place, it was deleted or it has another name. If the video was not deleted, you can link it with by double clicking the name of the database a looking for the video.





You can also:

Make subfolders: Click any folder and then click

Delete folders (and the databases in it) or delete databases: Click any folder (or

III database) and then click

Assign a favorite folder: Click any folder you want and then click



Choose folders' path: Click and then select the path.

Open several databases at the same time: Choose the databases you want and click open selected databases these databases will be opened at once in the Timeline

Open databases folder: Click 🛄 icon.

Auto-link videos : With this option you can quickly link videos to your analysis in case you moved them to any other folder.

To do so right click on any analysis with a non linked video. Select the "auto-link" option and search the folder where the video is. The software will automatically search for any coincidence in that folder an it will link the videos to their corresponding analysis

Note: This option will look in to the path folder by folder. This means that in case of searching in the whole unit C: the software will look in the whole hard drive (this process can take a long time)

Quickly search for an analysis: With this option you can quickly search and specific analysis by its name, video or creation date. If you want to search an analysis depending exclusively on its name, ignoring the video name, file path and anaylisis date click on 🗖 Only in .nac path

Access a folder in a server: With this option you can save your analysis in a shared folder for your whole organization. To see the folders in the server click on O Sever

Refresh the analyses list: Click on 🕃



Export Excel/xml: With this option you will make a new file for each selected

analysis. Select the analyses you want, click on 🗖 and select the option you want.





5 Import/Export .XML Files

- * To import a .XML folder:
- a) At the main menu of the program, click on Tools.
- b) Select Import.
- c) Select Import .XML of Gamebraker and SportsCode.
- d) Click
- e) Look for the .XML files and open them.

After selecting the file you want to import a new window will show, allowing you to select what categories and descriptors will be imported.

	Import XML file (Timeline based software)		
☑ Select all Categories (5/14)	☑ Select all Descriptors (46/55)		
CORNERS CORNERS OPP FREE KICK FREE KICK OPP FREE KICKS GOAL LOST LOST LOST OPP PENALTY POSSESSION OPP RECOVER RECOVER RECOVER OPP SHOT	✓ Attackers Pad ✓ Defenders ✓ Defensive center ✓ Defensive central end ✓ Defensive left ✓ Defensive left ✓ Defensive left end Ends as a possession change Ends as a stot Frods as a shot Foot Foot Forced From set piece Goal keeper	< III >	
	Avoid numeric descriptors	~	

Clicking on Avoid numeric descriptors you will automatically deselect all the descriptors containing just numeric values. This means the descriptor name does not contain any letter, though it can contain symbols such as :, -, .,

- f) Select name and destination for the .NAC Database and click on Save.
- g) In the section 3, click

h) Select the video which you want to link with the **.NAC Database** and double click it.

- i) Click on Open the Timeline.
- * To export a .XML folder:
- a) Once the Timeline is opened with the folder to export, click
- b) Select Export .XML.
- c) Select name and destination. Then, click Save.





Import .XML from InStat

To import a .XML file from InStat:

At the main menu of the program, click on **Tools** and select **Import**, then Select **Import**.XML from Instat

On the window click **and look for the .XML files you want to import. Select** name and destination for the **.NAC Database** and click on **Save.**

Click on and select the video which you want to link with the **.NAC Database** and double click it..

Finally click on **Open the Timeline.**





6. ANNEX

6.1 Import and export Nacsport databases

Page 38

6.2 General options

Page 39





6.1 Import and export Nacsport databases

Import and export Nacsport databases is as easy as copy the database you want and paste it in another PC.

Export:

You can use 2 different methods:

- 1.- From My documents folder
 - 1-Go to My documents folder.
 - 2- Open NAC SPORT DATA folder
 - 3- Open Databases Nac folder
 - 4- Copy the .NAC files you want from this folder

2.- From Nacsport databases

- 1- From Nacsport main menu click Nacsport databases.
- 2- Select the database you want to export.
- 3- Right click the database and click **Copy**.

Import:

You can use 2 different methods:

1.- From My documents folder

- 1- Go to **My documents** folder.
- 2- Open NAC SPORT DATA folder.
- 3- Open Databases Nac folder.
- 4- Paste .NAC files you want from this folder.

2.- From Nacsport databases

- 1- From Nacsport main menu, click Nacsport databases.
- 2- Right click any folder and click **Paste to import** an already copied file.





6.2 General options

6.2.1 Show video player time

Now you can choose between 4 different ways to show the video player time. To do so go to the option menu by clicking on the tools tab on the software's main menu. Click on the "video player" tab and select the option you want.



6.2.2 Add angles as separate videos/mosaic.

Having an analysis with multiple angles you can choose between using the 3 key to add every single angle or to add all angles as a mosaic.

To do so, go to main menu, tools tab and then to options. Once there click on

Timeline	and select the option you want.
Add to the presentatio	n
 CTRL + 3 add the regis 	ters wtih angles to the presentation in separate mode
• CTRL + 3 add the regis	ters wtih angles to the presentation in mosaic mode

6.2.3 Check the server status.

With this option you can quickly check the status of the server where your databases are.

To do so, click on "options" in the "Tools" tab from the main menu. Now click on "Storage folders".

Click on Server and type the IP address of the server. Now click on "check conection"

Show local server folder view			
Local Server Server IP:	192.168.1.228	Check Connection	
с (II			
Server folders			
Primary databases path			
Primary presentations path			
Driver we hadden e tenendete e wedt			
Primary buttons templates path			
Primary videos nath			





From now on every time you Access the server from "My analysis" there will be a server status check. In case there is no connection to the server an error message will appear:



6.2.4 Jump between categories and keep the video position.

With this option the videos shown in the Timeline will not change when moving between categories, this will allow you to find a new register from a different category without losing the image you are showing. Once you click on a register you will see it.

To do this, from Nacsport's main menu click on "Tools" and then on "Options" Click on the "Timeline" Tab and select Jump between categories keeps video position





quality information, better decisions