



LONGOMATCH  
*PRO*

Introduction

Open & PRO

Analysis

Benefits

Open v PRO

LongoMatch is a powerful, versatile, intuitive, multi-platform Video Analysis Software, with features that provide time efficient results, allowing you to focus on whats important: Improvement, not technology.

# Introduction: Peter Strikwerda

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## Business Experience

Parttime Teacher Sportsmanagement & Projectmanagement, Entrepreneur

Projectmanager Masterplan Officiating, and Sportsmanship/Respect at The Netherlands Basketball Federation, 2006 - 2012

Developer of Educations and education material at Academy for Club Staff Members of the Netherlands Olympic Committee

International Sales Manager / Sales Director for a French and a Swedish company

## Basketball / Sport Experience

### Refereeing

Developer of : National Referee education program, Coaching models for referees, Mental Toughness referees, Club Tutor education program

Tutor potential group, Instructor referee education

### Coaching

Assistent coach National Team U18 men, video-analist & physical aspects

Masterclass Coaching

Instructor coach education Level 4 according to European Qualification Framework

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Easy to create clips, based on set criteria

Not too high investment

Ability to be used by non-computer experts

Uniformity from club level to elite level

Ability to draw on play situations for coaching

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## Open Source and PRO version



**LONGOMATCH**



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Introduction

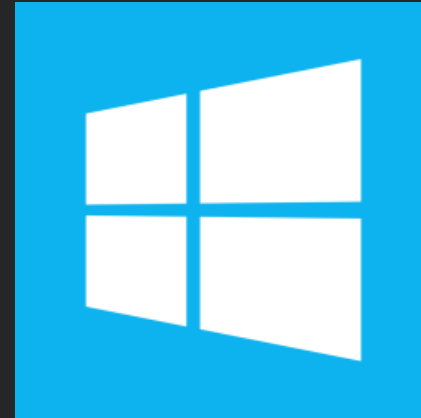
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## Multi Platform software



Introduction

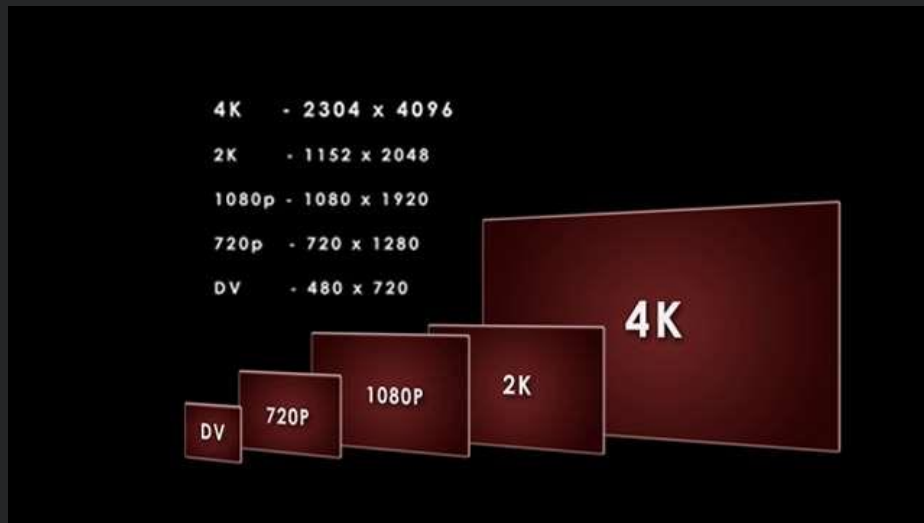
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## 4K video resolution ready



Introduction

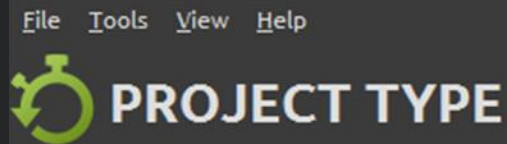
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## Post Game, Fake Capture, Live Capture, IP Camera video analysis



Video file



Capture device



Fake capture device



Ip camera



Introduction

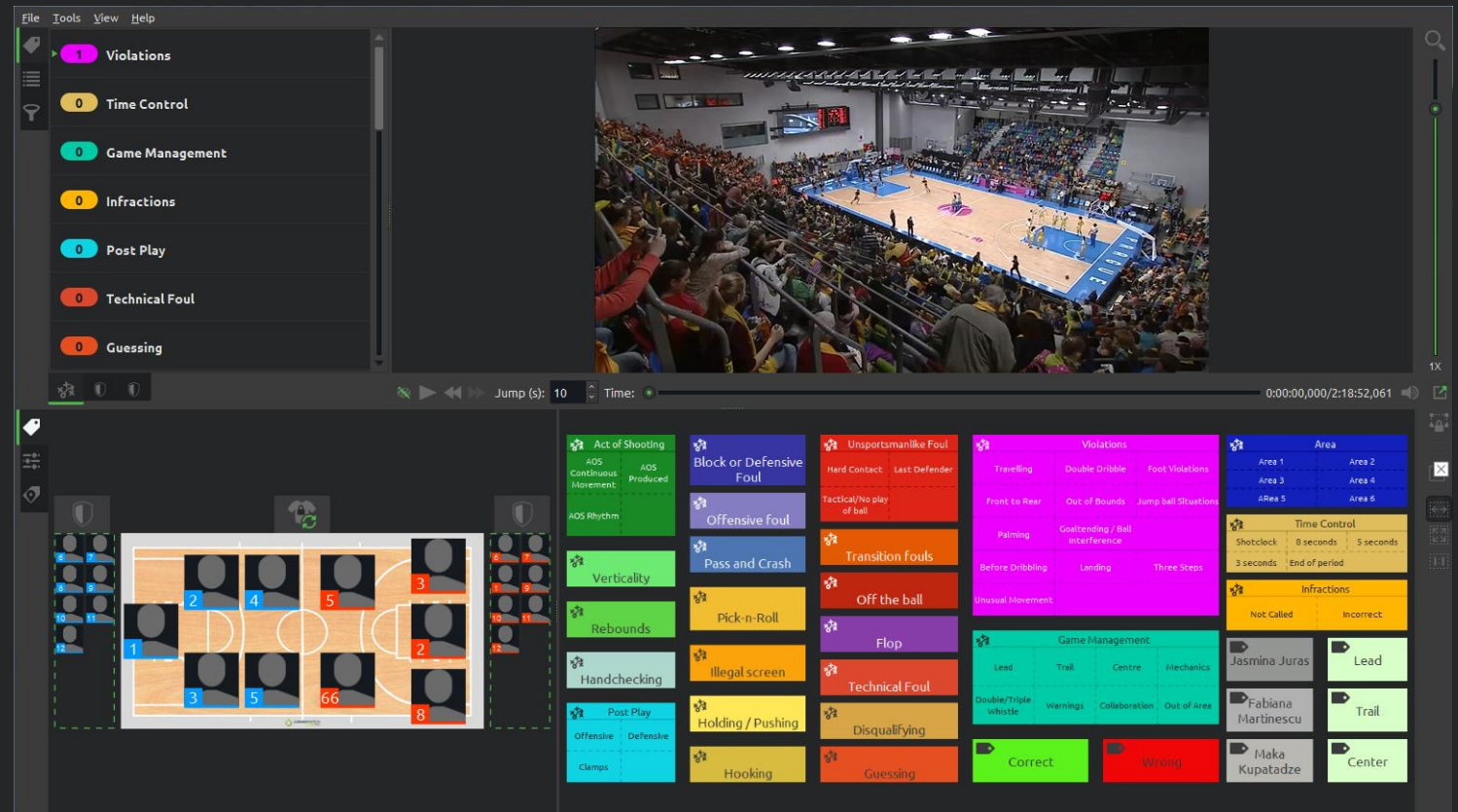
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## Intuitive User Interface (UI)



Introduction

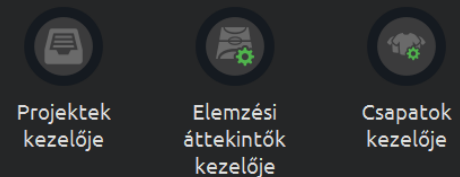
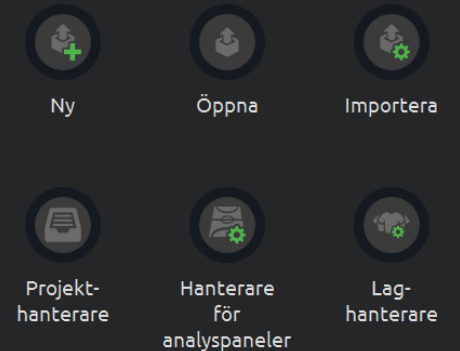
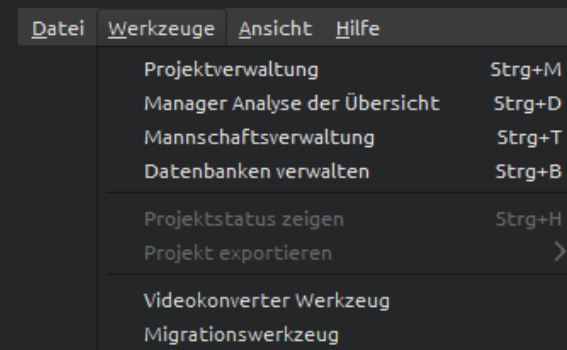
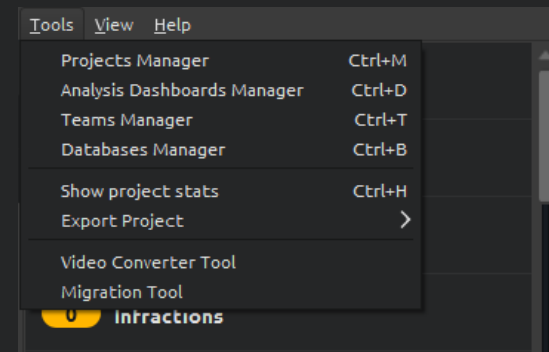
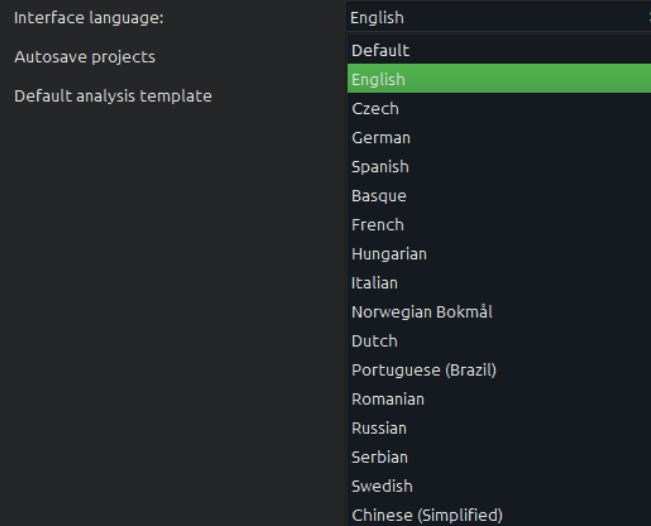
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## Multi Language Menus



Introduction

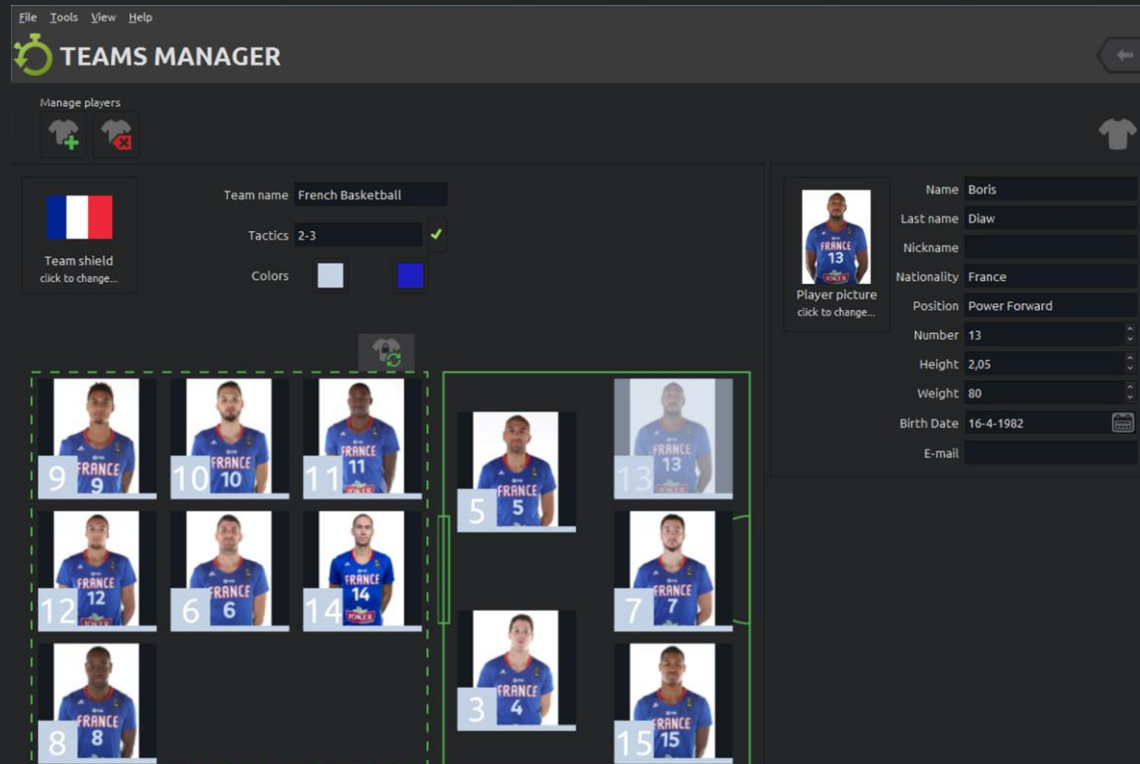
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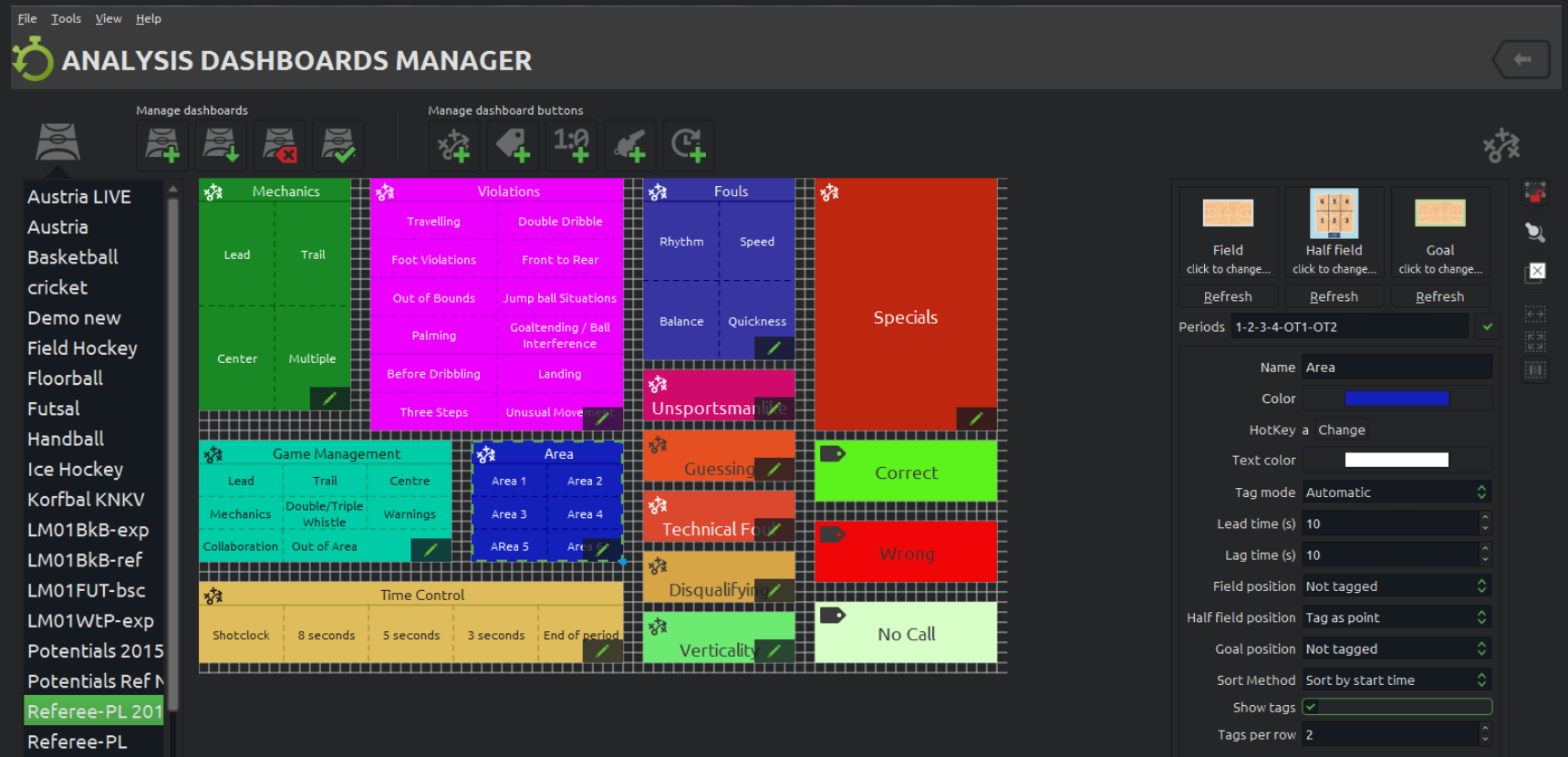
## Team roster with player details



The screenshot displays the 'TEAMS MANAGER' application interface. At the top, there is a menu bar with 'File', 'Tools', 'View', and 'Help'. Below the menu, the title 'TEAMS MANAGER' is visible. The main area is divided into several sections:

- Manage players:** Includes a plus sign icon and a minus sign icon.
- Team settings:** Shows the team name 'French Basketball', tactics '2-3', and colors (white and blue).
- Team shield:** A small French flag icon with the text 'Team shield click to change...'
- Player roster:** A grid of 15 player cards, each with a number and a photo. The cards are arranged in two columns: the left column has 9, 10, 11, 12, 14, and 8; the right column has 5, 13, 7, 4, and 15.
- Player details panel:** On the right, a detailed view of a player (Boris Diaw) is shown. It includes a player picture, name, last name, nickname, nationality, position, number, height, weight, birth date, and email.

## Analysis Dashboard creation >>extensive information



The screenshot shows the ANALYSIS DASHBOARDS MANAGER interface. It features a menu on the left with various sports and referee categories. The main workspace is a grid of colored dashboard panels, each representing a different analysis category. A right-hand panel provides configuration options for the selected dashboard.

Category	Sub-category
Mechanics	Lead
	Trail
	Center
	Multiple
Violations	Travelling
	Double Dribble
	Foot Violations
	Front to Rear
Fouls	Rhythm
	Speed
	Balance
	Quickness
Game Management	Lead
	Trail
	Centre
	Warnings
Area	Area 1
	Area 2
	Area 3
	Area 4
Time Control	Shotclock
	8 seconds
	5 seconds
	3 seconds
Specials	Correct
	Wrong
	No Call
	Unsportsmanlike
Technical Fouls	Guessing
	Technical Foul
	Disqualifying
	Verticality

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## Analysis Dashboard creation >> simplified version

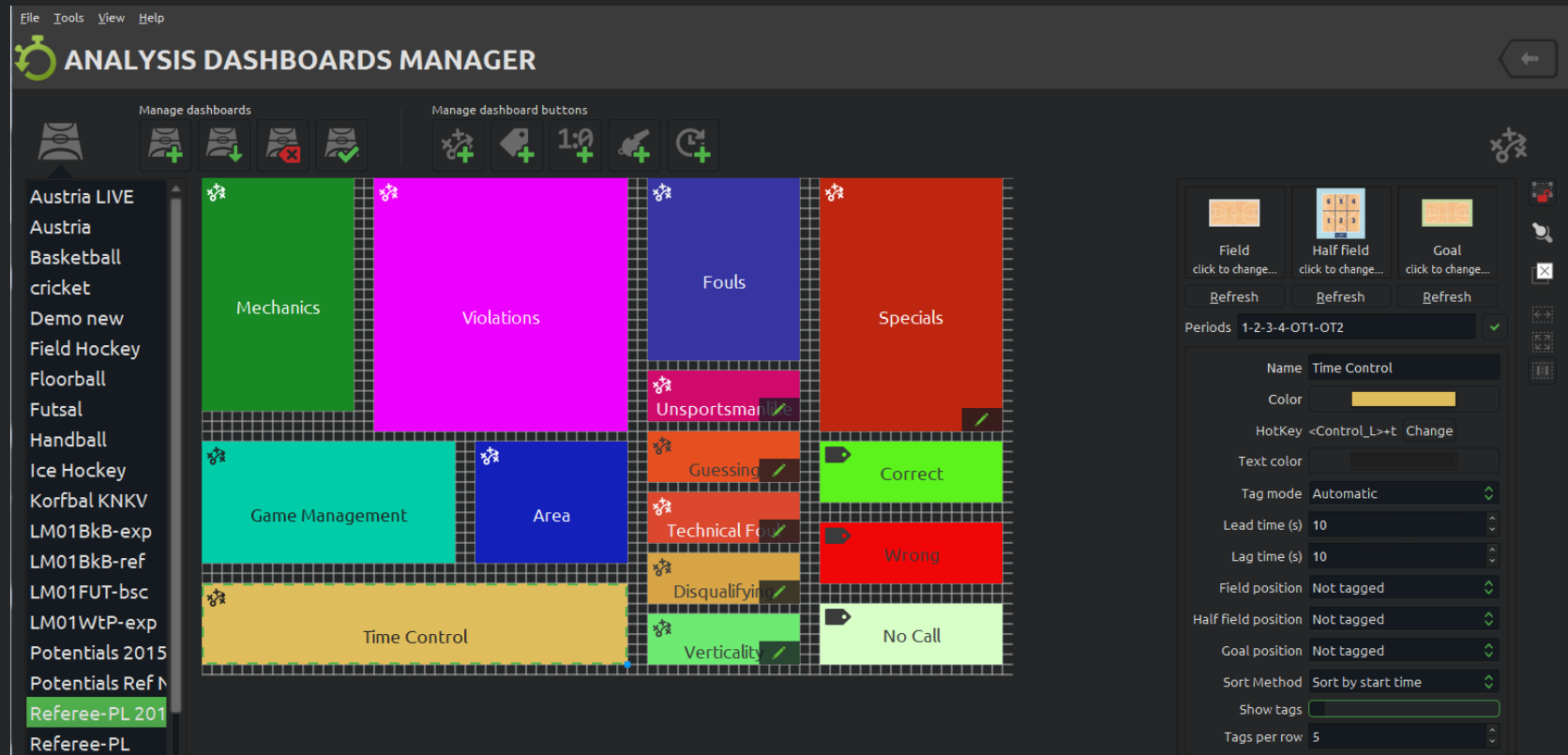
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The screenshot displays the 'ANALYSIS DASHBOARDS MANAGER' application. On the left, a sidebar lists various sports and categories, with 'Referee-PL 201' selected. The main area shows a grid of dashboard widgets: Mechanics (green), Violations (magenta), Fouls (blue), and Specials (red). Below these are Game Management (cyan), Area (blue), Unsportsmanlike (pink), Guessing (orange), Technical Fouls (orange), Disqualifying (yellow), and Verticality (green). At the bottom is a Time Control widget (yellow). To the right, a configuration panel for 'Time Control' is visible, showing settings for Name, Color, HotKey, Text color, Tag mode, Lead time, Lag time, Field position, Half field position, Goal position, Sort Method, Show tags, and Tags per row.

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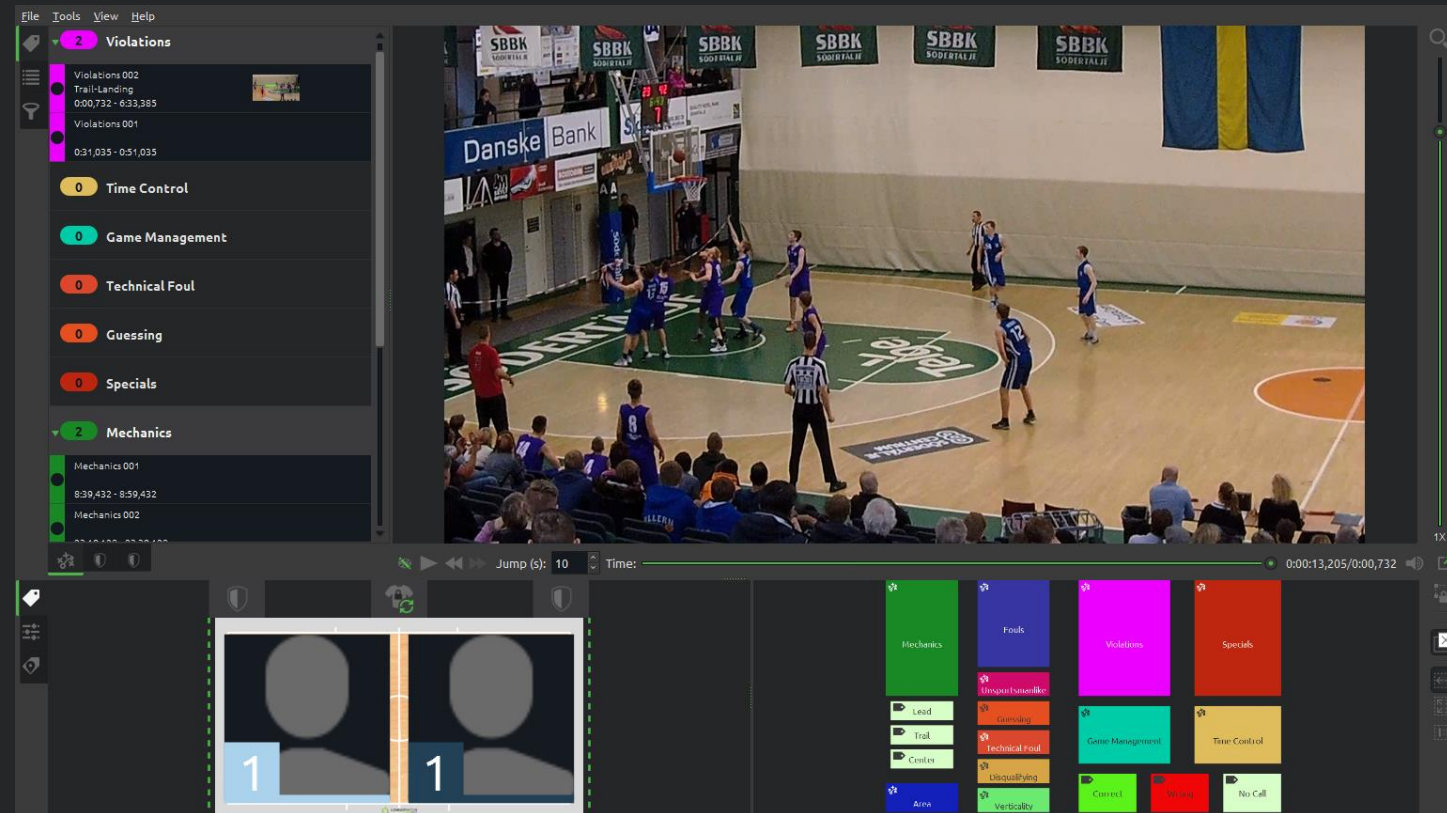
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## Tagging of events such as play situations or statistics

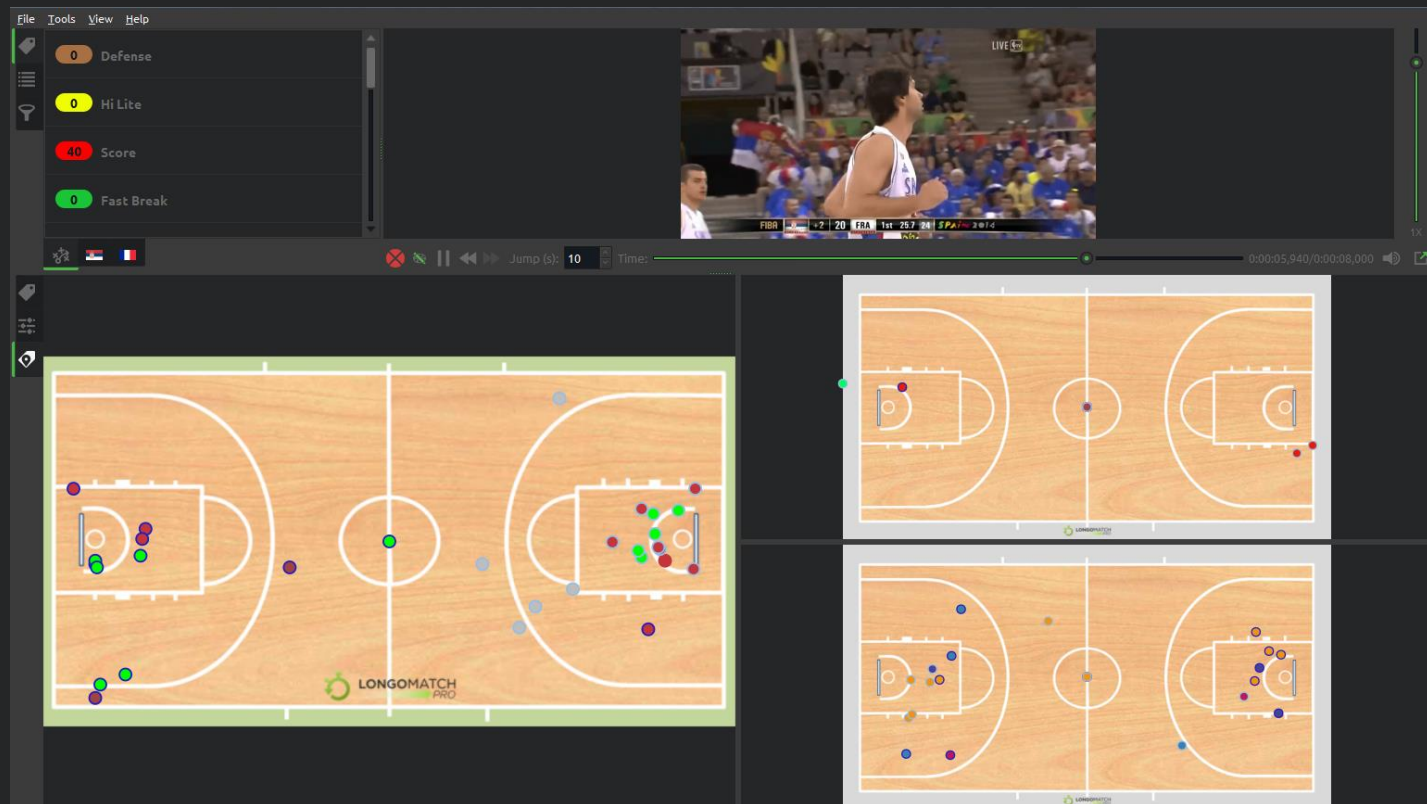


The screenshot displays the Longomatch Pro software interface. The main window shows a live video feed of a basketball game. On the left, a sidebar lists various event categories with their respective counts and time ranges:

- Violations** (2):
  - Trail-Landing (0:00,732 - 6:33,265)
  - Violations 001 (0:31,035 - 0:51,035)
- Time Control** (0)
- Game Management** (0)
- Technical Foul** (0)
- Guessing** (0)
- Specials** (0)
- Mechanics** (2):
  - Mechanics 001 (8:39,432 - 8:59,432)
  - Mechanics 002

At the bottom, a player comparison window shows two player profiles, each with a score of 1. To the right of the video, a control panel contains buttons for various event types: Mechanics, Fouls, Violations, Specials, Lead, Unsportive, Guessing, Technical Foul, Game Management, Time Control, Arre, Verbalilty, Correct, Wrong, and No Call.

## Zonal tagging (marking events on court)



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## Annotations in tagged events

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Annotation Tools

Line attributes

Text attributes

Save options





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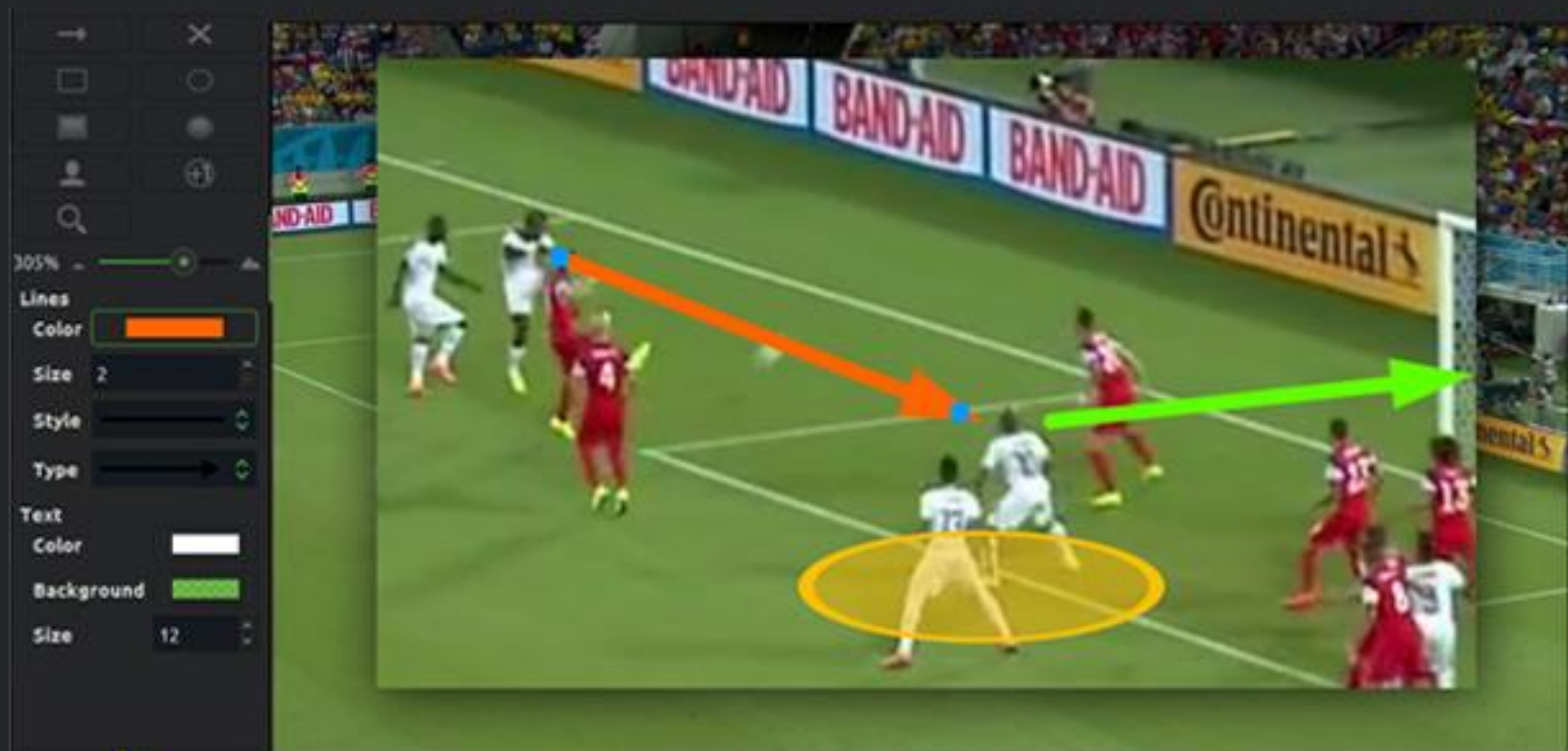
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## Annotations in tagged events



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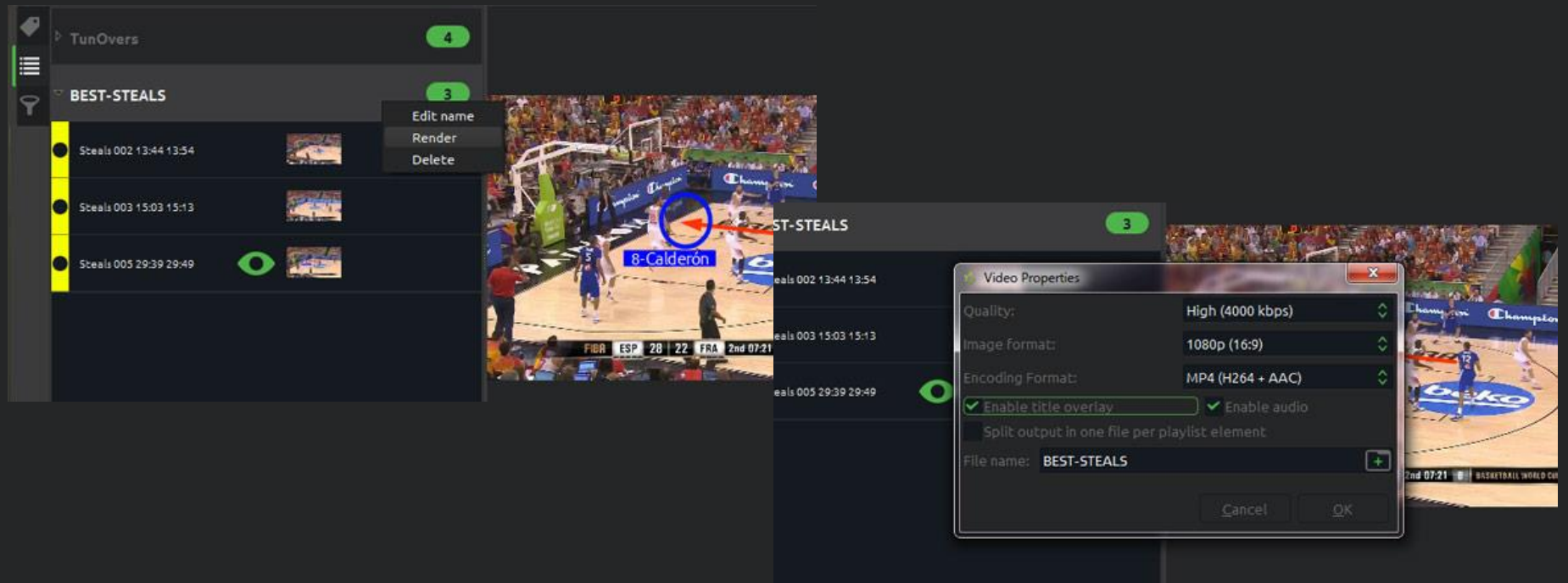
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## Export events as single video clip or as playlist with multiple clips, including annotations



The screenshot displays the Longomatch PRO software interface. On the left, a sidebar menu shows 'TunOvers' (4) and 'BEST-STEALS' (3). The main area shows a list of steal events with timestamps and thumbnail images. A context menu is open over the first event, offering 'Edit name', 'Render', and 'Delete' options. A video player window shows a basketball game with a blue circle highlighting a steal by player 8-Calderón. A 'Video Properties' dialog box is open in the foreground, showing settings for Quality (High 4000 kbps), Image format (1080p 16:9), Encoding Format (MP4 H264 + AAC), and checked options for 'Enable title overlay' and 'Enable audio'. The file name is set to 'BEST-STEALS'.

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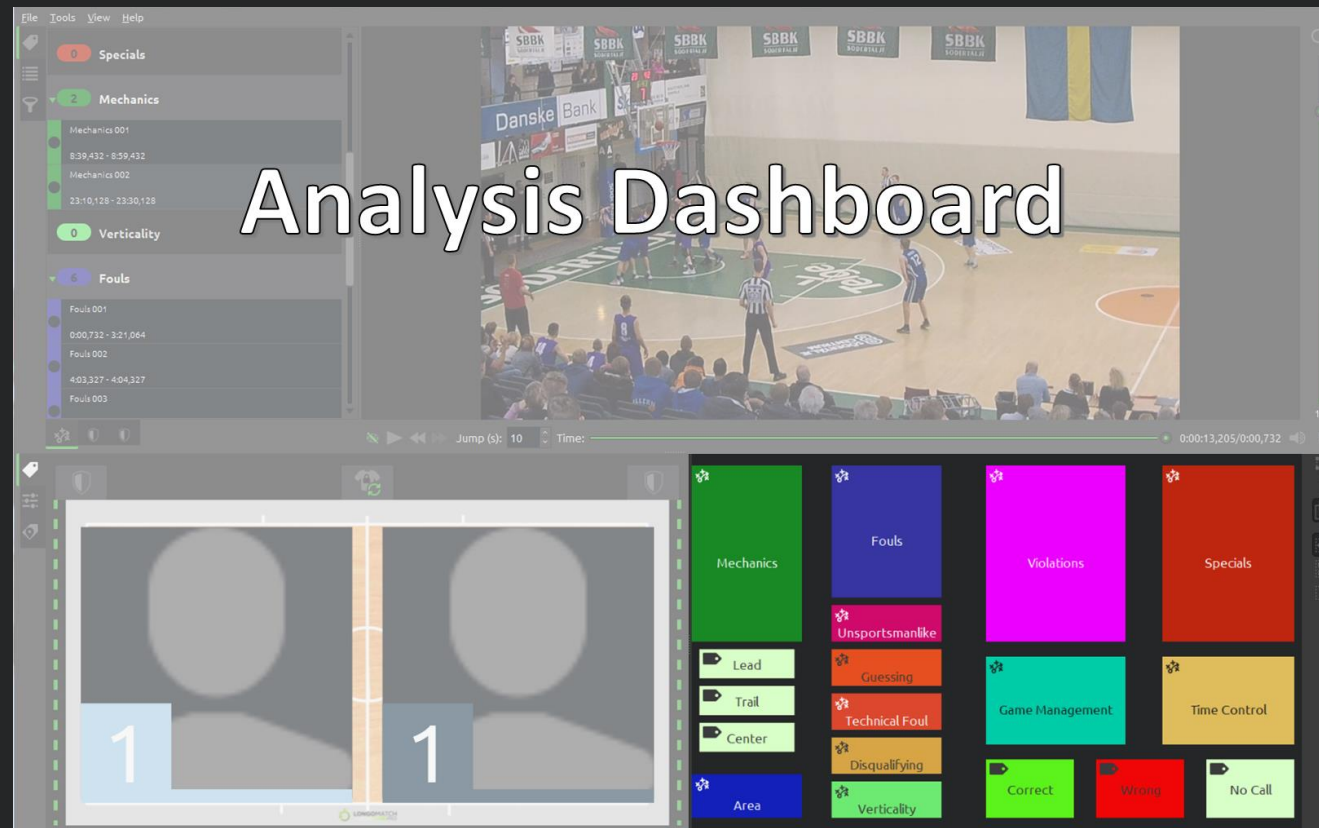
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## What do we need for a Project / Analysis ?



**Analysis Dashboard**

The interface displays a live basketball game video. On the left, a sidebar lists analysis categories: Specials (0), Mechanics (2), Verticality (0), and Fouls (4). The bottom panel features a 'Player Comparison' tool with two player silhouettes and a vertical line, and a 'Toolbox' with various analysis tools like Lead, Trail, Center, Area, Unsportsmanlike, Guessing, Technical Foul, Disqualifying, Veracity, Violations, Game Management, Time Control, Correct, Wrong, and No Call.

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## What do we need for a Project / Analysis ?



The screenshot displays the Longomatch Pro software interface. The main window shows a basketball game in progress, with the text "Two teams" overlaid on the video. The interface includes a menu bar (File, Tools, View, Help) and a sidebar with various analysis categories: Specials (0), Mechanics (2), Verticality (0), and Fouls (4). The Mechanics section is expanded, showing two entries: Mechanics 001 (8:39,432 - 8:59,432) and Mechanics 002 (23:10,128 - 23:30,128). The Fouls section shows three entries: Foul 001 (0:00,732 - 3:21,064), Foul 002 (4:03,327 - 4:04,327), and Foul 003. Below the video, there is a control bar with a "Jump (s): 10" field and a "Time:" field showing "0:00:13,205/0:00,732". At the bottom, there is a "Player Comparison" window showing two player silhouettes with the number "1" below each. To the right of the comparison window is a "Toolbox" with various analysis tools: Mechanics, Fouls, Violations, Specials, Lead, Trail, Center, Area, Unsportsmanlike, Guessing, Technical Foul, Disqualifying, Verticality, Game Management, Time Control, Correct, Wrong, and No Call.

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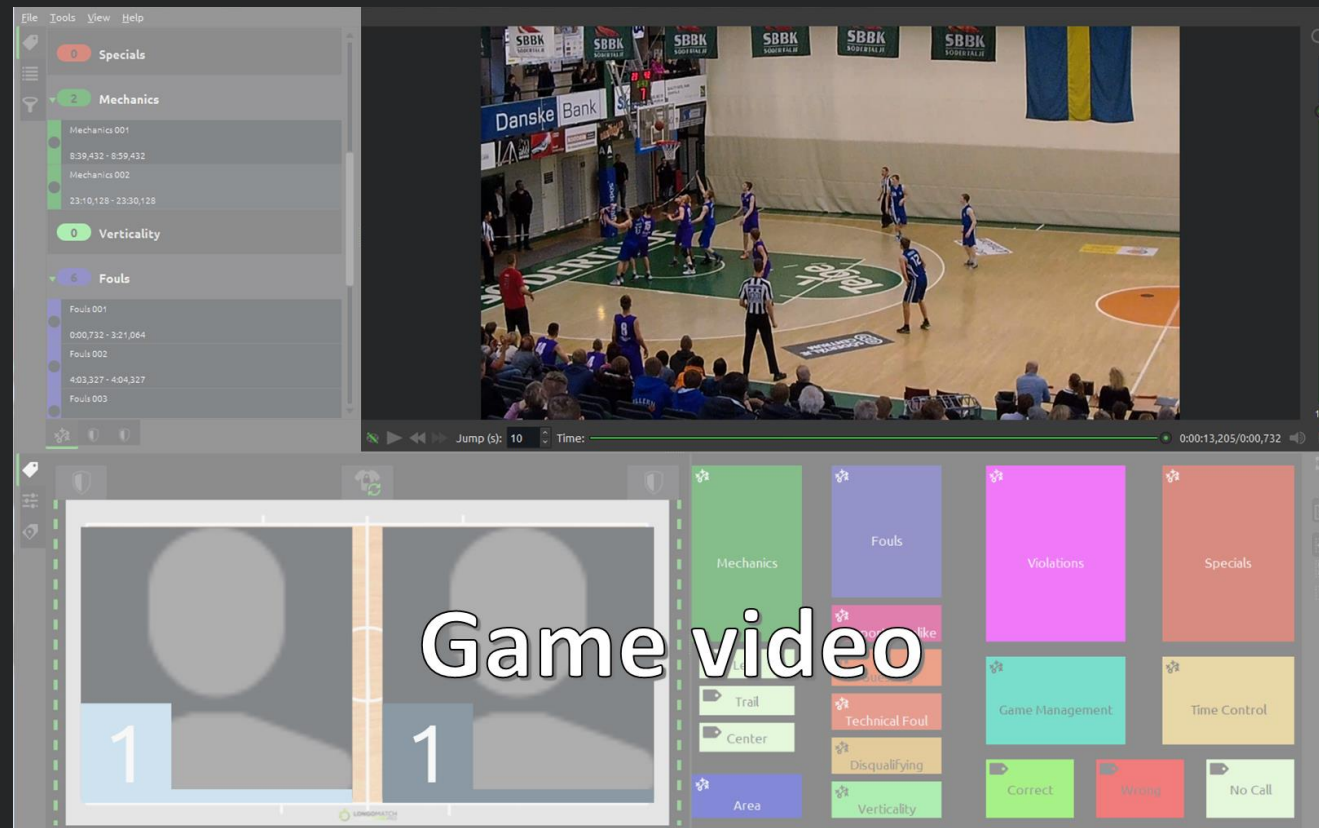
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## What do we need for a Project / Analysis ?



The screenshot displays the Longomatch Pro software interface. The top section shows a video player of a basketball game, with a sidebar on the left listing analysis categories: Specials (0), Mechanics (2), Verticality (0), and Fouls (4). The bottom section features a 'Game video' overlay with two player silhouettes and a central vertical line, alongside a control panel with buttons for Mechanics, Fouls, Violations, Specials, Trail, Center, Area, Verticality, Game Management, Time Control, Correct, Wrong, and No Call. The interface includes a menu bar (File, Tools, View, Help) and a timeline at the bottom of the video player.

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## What do we need for a Project / Analysis ?

HD Camera



Interface

HDMI >> USB / Thunderbolt



Computer



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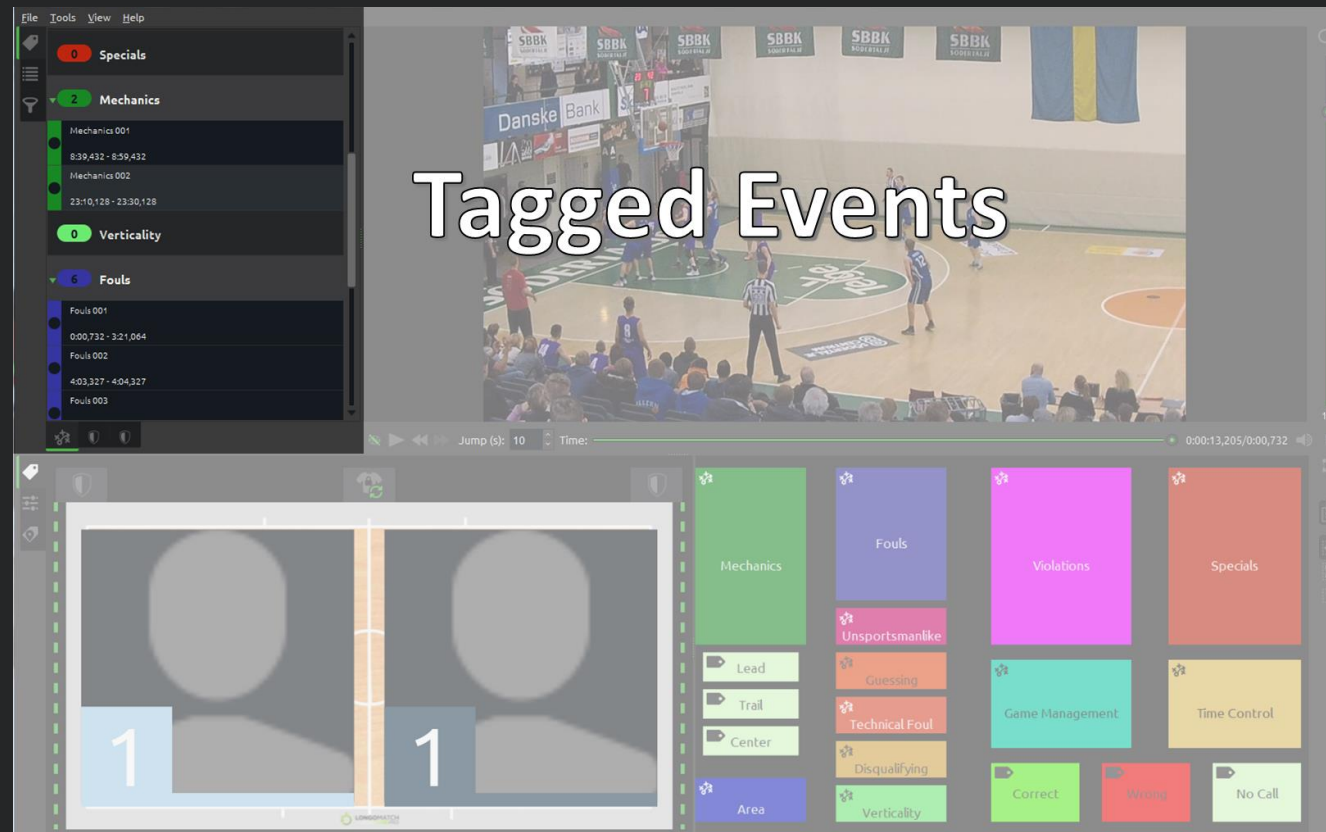
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## Results in tagged Events



The screenshot displays the Longomatch Pro software interface. The main window shows a basketball game in progress, with the text "Tagged Events" overlaid. The interface includes a sidebar on the left with a menu for "Specials", "Mechanics", "Verticality", and "Fouls". The "Mechanics" section is expanded, showing a list of events with timestamps. The bottom of the interface features a control panel with various buttons for tagging events, such as "Mechanics", "Fouls", "Violations", "Specials", "Lead", "Trail", "Center", "Area", "Verticality", "Correct", "Wrong", and "No Call".

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- Every referee or referee coach can work with Longomatch.
- Excellent tool to offer clubs for both referee as coach development.
- Consistency from club level to elite level, by using the same concept Analysis Dashboard.
- Integration between Open Source and PRO version



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- Simple set up with minimal preparation
- Teams info detailed or simplified
- Analysis Dashboard integration in both software versions
- Video in 3 clicks made from a tagged event

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- Tagging a play situation in one click
- Event with a certain time duration, which can be easily adjusted at time-line.
- Direct categorisation in lists and exportable to Excel for statistics.

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- Zonal marking on different court styles for fast position identification
- Zonal marks are also exported to Excel



# Benefits for Referee Coaching

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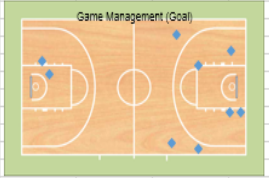
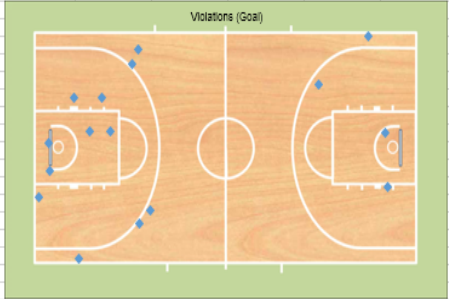
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Summary																			
Project	White Basketball - Dark Basketball (0-0) Final Euroleague Women 2015																		
Date	12-04-2015																		
Competition	Final																		
Season	Euroleague Women 2015																		
Local team	White Basketball																		
Visitor team	Dark Basketball																		
Result	0 - 0																		
Violations																			
Event	Time	Start	Stop	Team	Players	Travelling	Double Drib	Foot Violat	Front to Re	Out of Bou	Ball Site	Palming	Cling / Ball I	More Drib	Landing	Three Ste	Usual Mov	Goal position	
Violations 002	0:16:23	0:16:19	0:16:33			1	0	0	0	0	0	0	0	0	1	0	0	0,306406685	0,25
Violations 001	0:17:07	0:16:57	0:17:17	White Basketb		1	0	0	0	0	0	0	0	0	0	1	0	0,203639353	0,705
Violations 003	0:17:09	0:16:59	0:17:19			1	0	0	0	0	0	0	0	0	0	1	0	0,221606648	0,671641791
Violations 004	0:21:13	0:21:03	0:21:23			1	0	0	0	0	0	0	0	0	0	1	0	0,239554318	0,56
Violations 005	0:24:53	0:24:43	0:25:03			1	0	0	0	0	0	0	0	1	0	0	0	0,710306407	0,72
Violations 006	0:34:23	0:34:13	0:34:33			0	0	0	0	0	0	0	0	0	0	0	0	0,328630808	0,295
Violations 007	1:03:54	1:03:44	1:10:04			0	0	0	0	0	1	0	0	0	0	0	0	0,163916435	0,135
Violations 008	1:12:33	1:12:23	1:12:43			1	0	0	0	0	0	0	0	0	0	0	1	0,158774373	0,675
Violations 009	1:22:13	1:22:03	1:22:23			0	0	0	0	0	1	0	0	0	0	0	0	0,821727019	0,88
Violations 010	1:22:57	1:22:47	1:23:07			0	0	0	0	1	0	0	0	0	0	0	0	0,103064067	0,43
Violations 011	1:25:38	1:25:28	1:25:48			0	0	0	0	1	0	0	0	0	0	0	0	0,860734234	0,555
Violations 012	1:33:48	1:33:38	1:33:58			1	0	0	0	0	0	0	0	0	0	1	0	0,866295285	0,375
Violations 013	1:34:04	1:33:54	1:34:14			0	0	1	0	0	0	0	0	0	0	0	0	0,30362117	0,835
Violations 014	1:34:31	1:34:21	1:34:41			0	0	0	0	0	1	0	0	0	0	0	0	0,192200557	0,56
Violations 015	1:37:43	1:37:33	1:37:53			0	0	0	0	1	0	0	0	0	0	0	0	0,100278552	0,52
Violations 016	1:40:00	1:39:50	1:40:10			0	0	0	0	1	0	0	0	0	0	0	0	0,077934423	0,34
Time Control																			
Event	Time	Start	Stop	Team	Players	Shotclock	8 second	5 second	3 second	End of per	GoalX	GoalY							
Time Control 0C	0:18:43	0:18:39	0:18:53			0	0	0	0	1	0	0,83182058	0,55450237						
Time Control 0C	1:43:26	1:43:16	1:43:36			1	0	0	0	0	0	0,295514512	0,848341232						
Game Management																			
Event	Time	Start	Stop	Team	Players	Lead	Trail	Centre	Mechanic	bleTriple	Warning	Collaborat	Out of Arc	GoalX	GoalY				
Game Manager	0:18:02	0:17:52	0:18:12			0	0	0	0	1	0	0	0	0	0,865435356	0,36432891			
Game Manager	0:24:28	0:24:18	0:24:38			0	1	0	0	0	0	0	0	0	0,643793472	0,184834123			
Game Manager	0:29:02	0:28:52	0:29:12			0	0	0	0	1	0	0	0	0	0,17414248	0,582938363			
Game Manager	0:46:01	0:45:51	0:46:11			0	0	0	0	1	0	0	0	0	0,870712401	0,71563381			
Game Manager	0:46:57	0:46:47	0:47:07			0	1	0	0	0	0	0	0	0	0,662263123	0,805667204			
Game Manager	0:47:22	0:47:12	0:47:32			0	0	0	0	1	0	0	0	0	0,746701847	0,630331754			
Game Manager	1:23:28	1:23:18	1:23:38			0	0	0	0	0	0	0	1	0	0,746701847	0,156398104			
Game Manager	1:26:05	1:25:55	1:26:15			0	0	0	0	0	0	1	0	0	0,307651715	0,360189573			
Game Manager	1:39:02	1:38:52	1:39:12			0	0	0	1	0	0	0	0	0	0,147757256	0,654028436			
Infractions																			
Event	Time	Start	Stop	Team	Players	Not Call	Incorrec	HalfField	HalfField										
Handchecking	0:24:38	0:24:28	0:24:48			1	0	0,725361538	0,49537037										
Infractions 002	0:34:51	0:34:41	0:35:01			1	0	0,432692308	0,810185185										
Infractions 003	0:43:04	0:42:54	0:43:14			1	0	0,600961538	0,699074074										
Infractions 004	0:44:10	0:44:00	0:44:20			1	0	0,552884615	0,236236236										
Infractions 005	1:35:05	1:34:55	1:35:15			1	0	0,730769231	0,50462963										
Infractions 006	1:39:55	1:39:45	1:40:05			1	0	0,586538462	0,740740741										
Infractions 007	1:53:45	1:53:35	1:53:55			1	0	0,5	0,532407407										



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## Export to video

- As a single video clip
- As a playlist with multiple videos
- Adding of external images or a video (i.e. company leader video)
- Title overlay on every event video (choosable/ editable)

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## Extra's in PRO-version

- Hardware excelleration for live video recording
- Up to 8 video angles in analyses (files)
- Zoom functionality in events and annotations
- Extended statistics export to Excel
- 1 predesigned Analysis Dashboard supplied

[www.longomatch.com](http://www.longomatch.com)



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