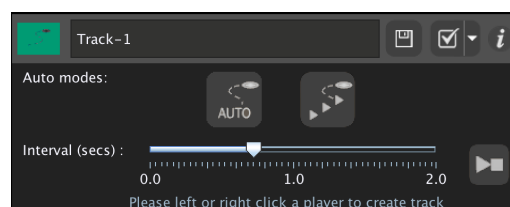# Piero Sports graphics

Version 13
Release Notes
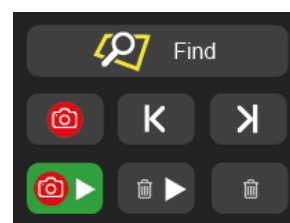
What's New

Player Tracking: "Make player tracking faster and easier": you spoke, we listened. All player tracking effects now benefit from a new auto tracking workflow and a manual interval tracking workflow. Designed so you can track more players, more easily and quickly. Auto track a single player with the Track effect or a group of players with the Dynamic formation. Check out the player tracking effects in our user guide to find out more.

Calibration: Record your calibration and move around the video freely, without set-ins or doing a "Find". Great for use with Touch, presenters can move around the video with confidence. See the user guide for more information.

Also new: navigate between set-ins, texture tracking improved performance and EPL pitch dimensions updated.

Player to Player: Track two players using different markers and show the link between them.

Point Map: Mark the locations where shots were taken from and whether they were successful or not. Animate on all the shot locations and compare them. For more information see the Point Map in our user guide.

New User Interface: We have updated our look and styling to give you a sleeker, contemporary experience when using Piero. Find effects quicker thanks to the new colour coding. Launch the software and see!

Full Screen mode: View the video preview full screen and continue working on it. See shortcuts.

Remote Touch App v1.4: Create a truly unique interface by customising your application's buttons. Enhanced layout control means you can change which panels are in the foreground and which are in the background for better layering.

Improvements

Arc	Link the point of origin to a track.
Direction of Play effect	Available in rugby to show which direction a team is playing in.
File IN /SDI OUT	Hybrid file/SDI mode. Work from a video file and play video out over SDI.
File Mode	Record clips back to back. Added support for HDV 1080 25i AVC INTRA 50. Audio support for mctPCM and ACC.
Frame Delay	Add more frames of delay to the output of the Piero system. Contact pierosupport@ericsson.com for help.
Image Markers	ELP and Champions League team markers added to Football.
In-point offset	Multiple select some effects with the same starting point and offset them all by the same duration.
Lineup	Now available in Gaelic Football. Use markers instead of 3D players or portraits. 4 3 2 1 formation added. Forename only option added, along with "# Forename; Surname" layout.
Logo	2D full screen option added.
Live Mode	Multiple selection added. Auto find is now optional when clicking on a calibration.
Presets	Default settings added for more effects.
Player Names	Edit the names in the 3D player Utility and press the REFRESH button in the Settings>Teams tab to update the list.
Sheen	New appearance option added to area, arrows and text backgrounds.
Shortcuts	New universal shortcuts, such as SPACE to play/pause. Check the user guide for more information.
Snooker module	Newly featured sport.
Telestrator	Move in Z axis.
Text	Improved text background settings.
Timeline	Jump directly to the beginning of an effect by pressing the arrow button next to the effect. Add cue points and jump between them. Double click anywhere on the timeline to move there.
Touch Mode	Stacks now ordered alphabetically. Reposition markers by pressing on them and dragging.
Track	Editing keyframes is now easier
Video Test Tool	Troubleshoot your Piero setup in a broadcast environment. SDI only.
Virtual Stadium	Manually change the width of pitch lines.

Bug Fixes

3D Player	Stability improvements.
3D Player Utility	Works with AFL and Basketball.
Arrows	Resize when using mouse wheel.
Auto tracking touch effects	Save correctly.
Calibration	Presets fixed, arrow keyboard shortcuts work. Camera orientation fixed for Tennis. Saved calibrations can be loaded by right clicking on the effect button.
General	Various bug fixes and stability improvements including animations happening correctly, corrected models, multiple selection improved.
Image Marker	Completes full animation.
Multi Freehand Arrow	Opacity can be changed.
Table	Resizes correctly and background wings remain visible.
Tactical Board	NHL lines are drawn correctly.
Telestrator	Rotates, saves and loads correctly.
Text	Saves correctly and background texture colour is correct.
Time-lapse	Works after copy/paste.
Tracks	All tracks appear in the link to track option.