

# PIERO Club

Cutting-edge analysis for  
professional sports clubs

**ROSS**





### Advanced Analysis

PIERO is built on a proprietary line and texture tracking algorithm that was co-developed with the BBC's Research and Development department. The optical camera tracking and keying solution is fast and easy to use.

### Coach-player communication

PIERO helps sports clubs maximize coach-player communication efficiency. The system allows coaches to easily identify key moments from previous games with their players. They can then use this information to educate players and pinpoint areas of play that can be improved.

### Review and prepare strategy

Using PIERO's 3D replay system and wide range of effects, clubs can more effectively review past games and plan for those that are upcoming. Data visualizations and the tactical overview feature help coaches develop new, more in-depth plays and strategies with their players.

### Virtual stadium

PIERO's virtual stadium feature allows clubs to create 3D replays and view plays from new angles. Moving into the virtual view is quick and easy, and provides a seamless transition between the real-world footage and the tactical



### Wide feature set

With PIERO, you can mark players, track player runs, add speed or distance, and much more. The system makes it easy to show movement, formations, and groups. PIERO offers a broad palette of graphical effects that allow you to review everything that happens during the game.

### Easy to use

PIERO has the fastest and easiest workflow in the industry. By working with professional sports broadcasters and clubs, PIERO's staff has streamlined the system so that you can get results without worrying about the technical details.

### Remote workflow

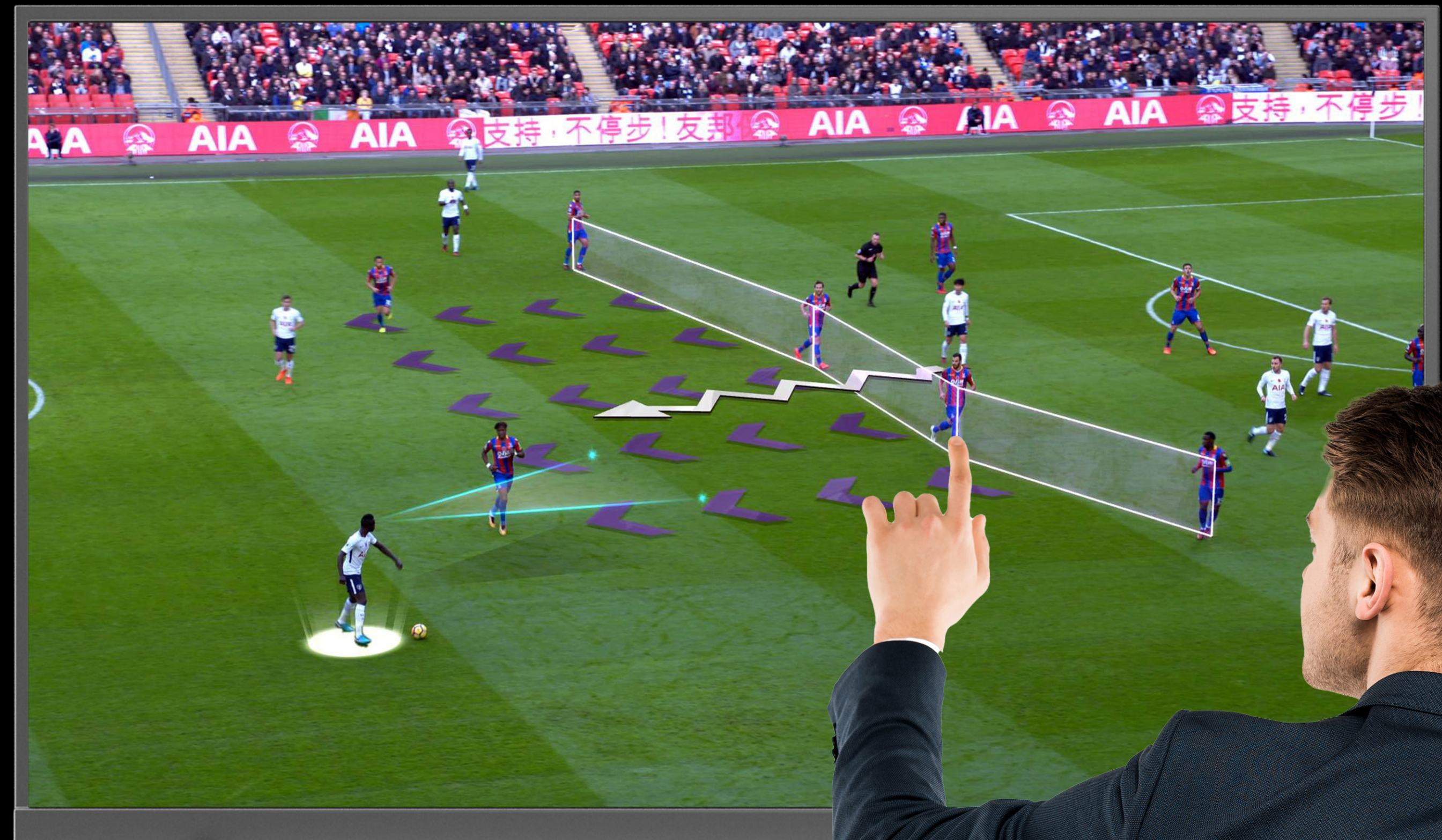
PIERO Touch allow players to interact in real time with the coach presentation via multiple iPads and touchscreens. Easy to setup the PIERO Touch solution provide a high quality solution for interactive presentations.



“PIERO has completely transformed the way that we educate and ultimately develop our entire playing roster. Coaching staff are able to draw the athletes’ attention to the key points of any piece of vision from every angle. PIERO has become an integral part of our football department in a very short time and is a must-have for every professional team wanting to get an edge.”

## Feature list

- Mark and track
- Visualize data
- Review goals
- See breakdowns
- Study formations
- Plan attacks
- Study tactics
- Monitor players
- Show touches
- Check defences
- Review faults
- Squad line up
- Auto player tracking
- Highlight pressing
- Touch screen presentation
- iPad interactive control







### **Robust and reliable**

PIERO is built on broadcast-grade technology that is used daily by numerous sports broadcasters around the world for a variety of sports telestration workflows. This means the PIERO technology has been battle tested for the most demanding environments and therefore, you can be reassured that with PIERO's reliable and fast workflows, your coaching needs will be entirely fulfilled.

### **Time saving workflow**

PIERO runs on a single MacBook Pro laptop and has a simple, logical interface. The PIERO design team places particular emphasis on workflow usability. The interface is slick and uncluttered, with everything you need on the screen. You can quickly sketch out ideas or use the timeline feature to combine effects into impressive sequences that can be replayed and recorded.

### **Customize**

To customize PIERO's graphics features, you simply click on an effect and define presets that can be called back. PIERO comes with an Asset Manager application allowing your graphic team to quickly load and transfer art works. The Asset Manager simplifies the team creation and handling of custom logo and textures.

### **Data visualization**

PIERO's Data module can fetch data from third party providers and visualize the information using PIERO graphics. Pass network, heatmaps, shots on goal, ball touch, ball spray charts and pitch charts can be visualized in seconds. The module provides access to years of global data which can be easily filtered by league, game, and player. The module currently supports providers for soccer and baseball. Its open API extends compatibility with more sports and database.

### **Touchscreen module**

PIERO's touch interface provides a simplified and customizable way of using the system by the touch of a finger using an iPad or another touch screen. Multiple users can be in control at a given time, and multiple devices can be used simultaneously. The touch interface can be easily customized to fit your needs.



## Effects

With over ten years of experience in sports graphics, PIERO has crafted an unrivalled palette of effects to help you analyze the action. PIERO works closely with clients to develop new styles and customize existing effects. Effects can be used in both real and virtual settings and can blend seamlessly between the two.

- Offside line
- 3D overhead
- Arrows
- Time lapse
- Virtual stadium
- Scores & badges
- Player glow
- Laser wall
- Virtual player run
- Tactical board
- Goal arc overhead
- Free kick circle
- 3D virtual replay
- Removeable players
- Player line-up
- Magnifier
- Markers
- Player drag
- Timer
- Tracked information
- Spotlight
- Viewpoint
- Caption tracker
- Speed & distance





# Specifications

PIERO Club harnesses the power of Apple Silicon as it runs on the latest generation of MacBook Pros. The touch interface can run on an external Windows PC for Touch Screen scenario (Intel NUC or similar, requires dedicated GPU). A simple version of Piero Club can also run on an iPad.

# System

## Included video CODECS

AVC/H264, h263, MPEG-1/2, MPEG-4

## Premium video CODECS

h265, Avid DNxHD, DVCPRO-HD, Apple ProRes (read only)

## Minimum specs

MacOS Mojave, Catalina and Big Sur, Intel i7, 2.2 GHz 6-Core Intel i7 or faster, 16 GB RAM with dedicated Nvidia or AMD Radeon graphics card. HD 1980x1024 resolution.

# Sports

- Football (soccer)
- American Football
- Aussie Rules Football
- Baseball
- Basketball
- Handball
- Ice Hockey
- Netball
- Rugby (Union, League & Seven)
- Tennis







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Ross Video has a complete range of technical services available to ensure that your PIERO installation is a success.

Operational Training can be provided at Ross Video, on-site, or on the web. Experienced Ross operators will teach your staff to get the most out of your new system and enhance your productions.

**Commissioning** is a service to help get your production system properly configured, connected, and installed. This service is performed by factory-trained Ross technical staff.

**Technical Training** can be provided at Ross Video, on-site, or over the web. Technical training will teach your engineering staff the technical details of the system you have purchased. System configuration, interfaces, databases, and routine maintenance procedures are some of the topics covered.

PIERO comes standard with a 1 year comprehensive warranty. Extended Warranties on hardware and software maintenance are available for an annual fee.

Technical advice is available on-line, by telephone, or email to Ross Video – Included for the life of your system.

**Contact Us**

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