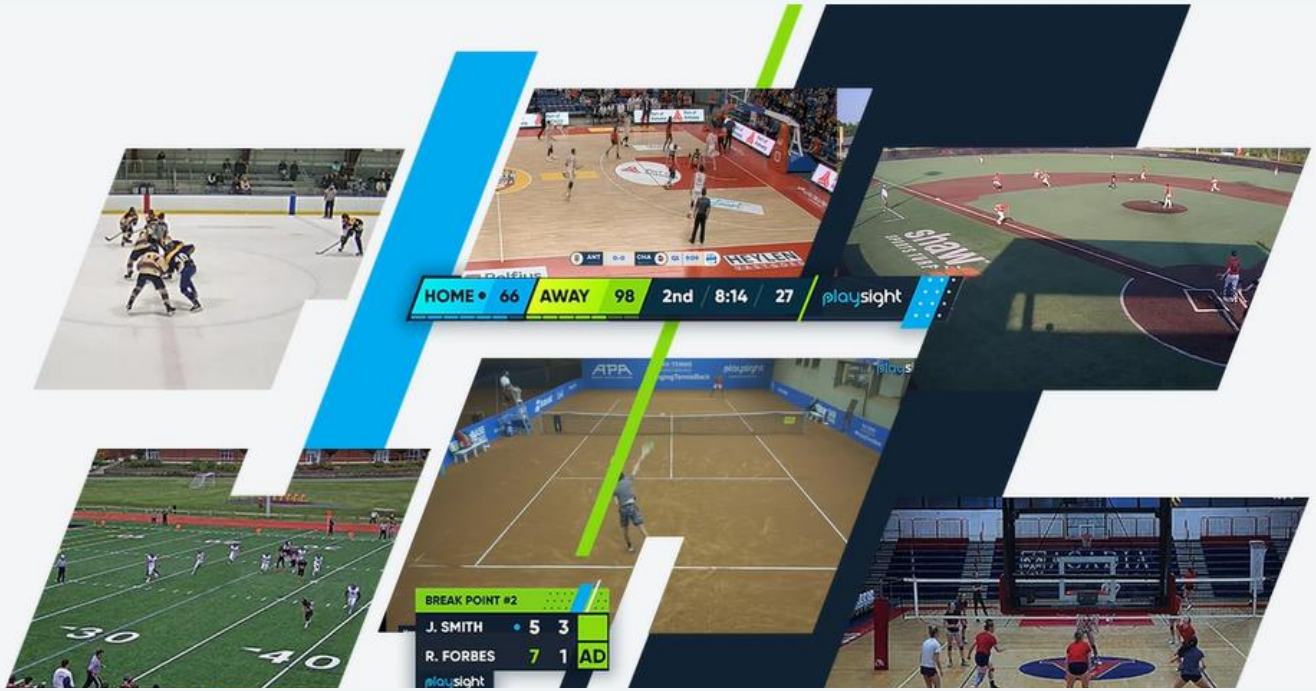
playsight
CONNECTING YOUR SPORT

WE CONNECT YOUR SPORT



SPORTVU prozone catapult ZEBRA SPORTSCODE HAWK-EYE

PRO SPORTS VIDEO, ANALYTICS, AND BROADCAST ENHANCEMENT

PERSONAL FITNESS TRACKING WITH WEARABLES, AND ACTION CAMS FOR FOR RUNNING AND EXTREME SPORTS

PLAYSIGHT SMARTCOURTS
PERSONAL TRACKING FOR THE MASS MARKET
BALL/TEAM/INDIVIDUAL SPORTS

PAST PRESENT FUTU

SPORTS & ENTERTAINMENT ANALYTICS
$180B INDUSTRY

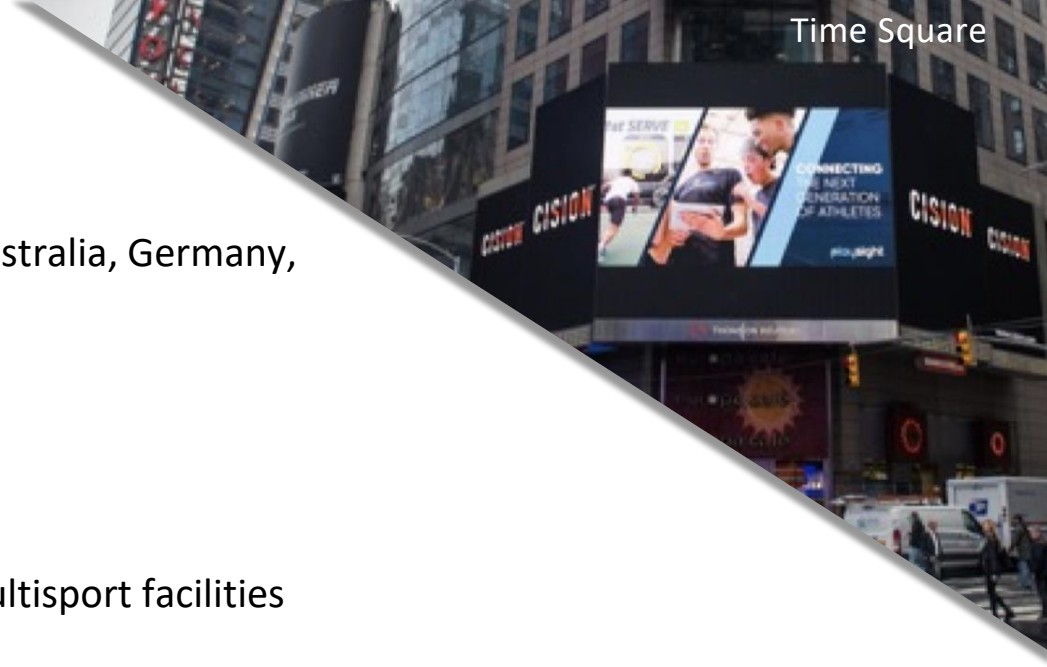
WAVES OF SPORTS TECH INNOVATION

The Opportunity

Within the next few years, most courts, fields, gyms, rinks and sports facilities will be connected with AI and automated camera technology.

This is PlaySight.

Key Facts & Figures



Time Square

- Global footprint with offices in Tel Aviv, New Jersey, Los Angeles, Orlando, Australia, Germany, London , Ukraine
- 70 employees globally
- Powering over 30 sports across 20+ countries, thousands of installations
- Main Markets: Tennis, Basketball, Soccer, Ice Hockey, Baseball, Volleyball, Multisport facilities
- Verticals: Pro, Collegiate, Academies, Multi –sport facilities Clubs, Federations
- Strategic investors include Novak Djokovic, Billie Jean King, Pete Sampras, Andre Agassi, Paul Annacone, Darren Cahill, Greg Norman, Verizon Ventures, OurCrowd, Softbank, Unbound
- Videos:
    - Check out the Playsight technology in action -> WATCH HERE
    - Check out the Basketball SmartTracker 8K -> WATCH HERE

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CONNECTING YOUR SPORT

PLAYSIGHT'S SMART SPORTS AI TECHNOLOGY
POWERING OVER 500 LEADING SPORT ORGANIZATIONS AND THOUSANDS OF SMARTCOURTS

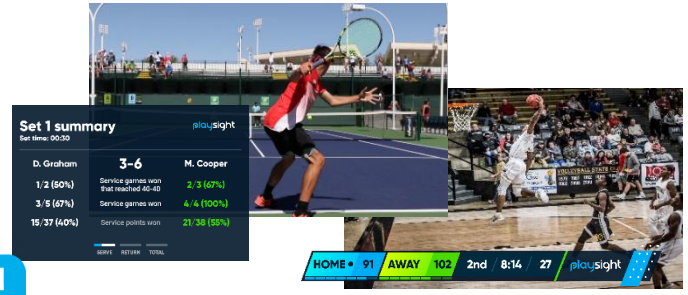
Our customers include 17 NBA teams, Premier League clubs, MLB and NHL teams, the Belgium top pro basketball league and the Magnus League (top ice hockey league in France), the NBA International Academy, all the major tennis federations, including USTA National Campus, 100+ NCAA programs, hundreds of schools, junior facilities such as LakePoint and leading multisport academies in the US and across the globe.

PlaySight Solutions

WATCH VIDEO

Player Development

Our Player dev tools enable automatic coaching & performance analysis and Instant replay tools



WATCH VIDEO

Automated Production

Our SmartTracker technology automatically follows all on-court and field action for a professional broadcast experience – no cameraman or operator required.

powered by playsight

WATCH VIDEO

VAR Light/Challenge Replay/ELC

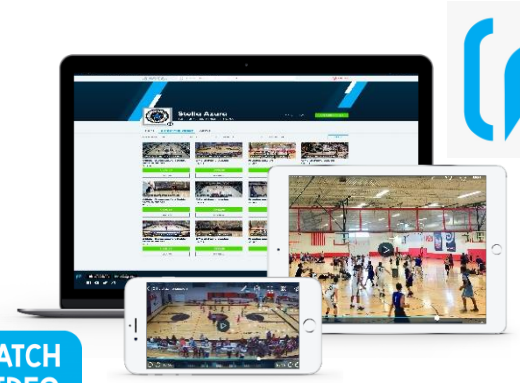
Our officiating solution include affordable VAR/Challenge replay solution to all Sports including electronic line calling for tennis

AI Tracking and Analytics

Cutting-edge player and ball tracking

Automated event recognition across each sport

Automated highlights, stats and breakdowns



pSSN

LIVE+

WATCH VIDEO

OTT/Content platform

Watch multiple, synced angles of the same live stream. A second-screen experience, inside the same video player.

Live & On Demand Channels

Enhancing fan engagement & socialization

New content platforms for athletes & teams

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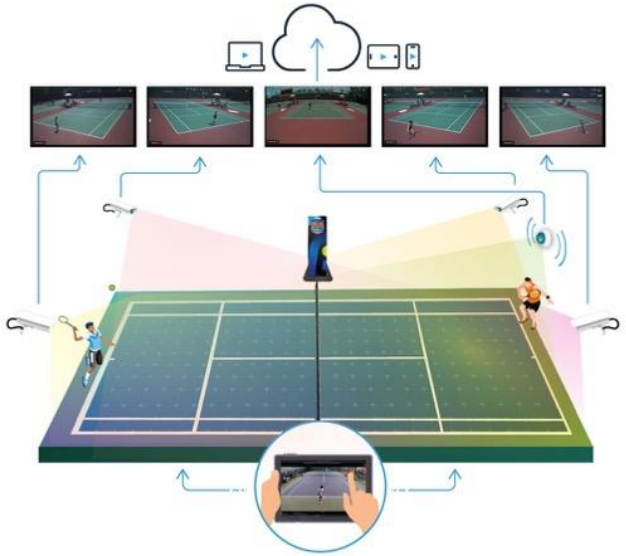
Products - The AI SmartCourt For Every Sport

Pro / Pro + (Fixed Installation)

Indoor Sport

Outdoor Sport

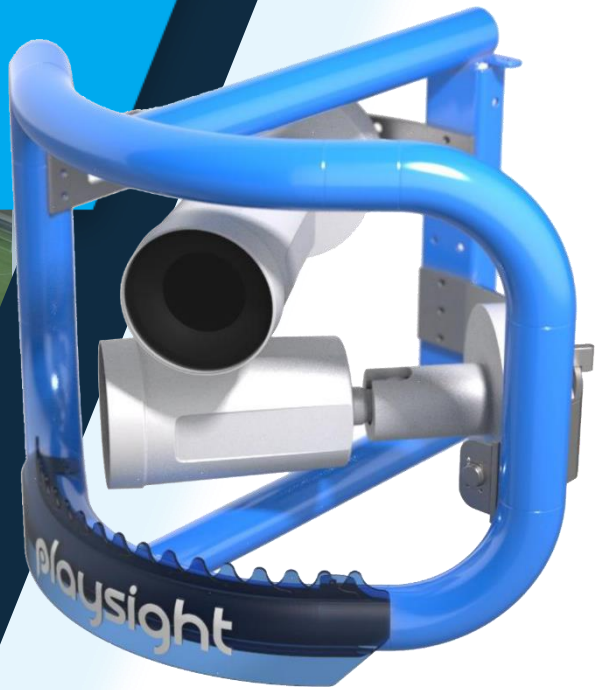


Racquet Sport

GO – (Portable)

Automatic Production

SmartTracker 8K



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WATCH VIDEO

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Automated Production

- Can install anywhere, from small practice gyms/fields at minimum range from the sideline to large stadiums
- One click “Start” from anywhere or use the Scheduler
- 1080p/720p SmartTracking
- Multi camera angles
- Commentating over court background audio
- Automatic Digital integration to scoreboards, live graphics, and smart scoring
- Automatic events, stats and highlight clips from scoreboard and real time tagging
- Pushing to the PlaySight OTT platform or another OTT
- PlaySight Sports Network (PSSN) with monetization tools
- Proprietary video player with real-time zoon & dynamic play speed Coming soon fans can switch cameras
- Automatically stored to cloud platform
- Coming soon camera switching and live scoring App

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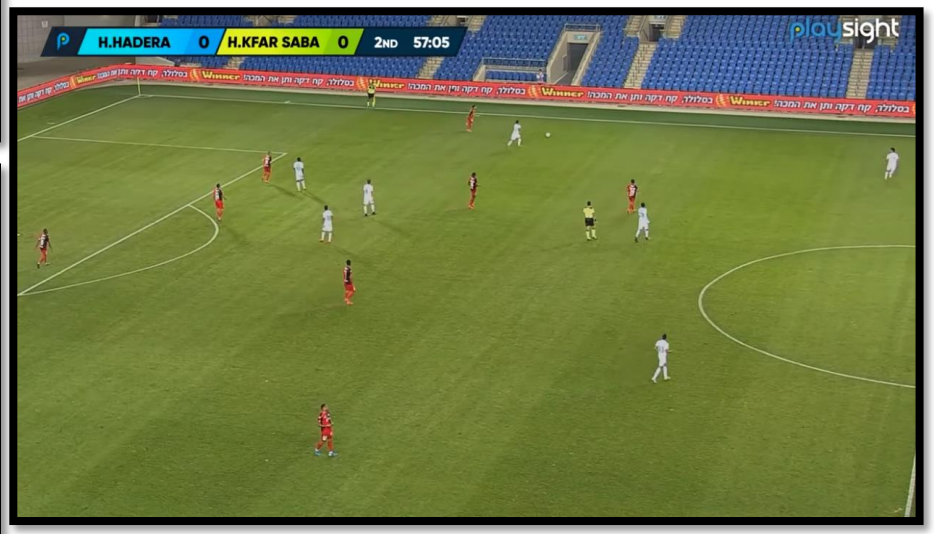
AI SmartScore &
Live Graphics

SmartScore and Graphics

- OCR (Camera)
- Scoreboard (BOT)
- Live data (integration)



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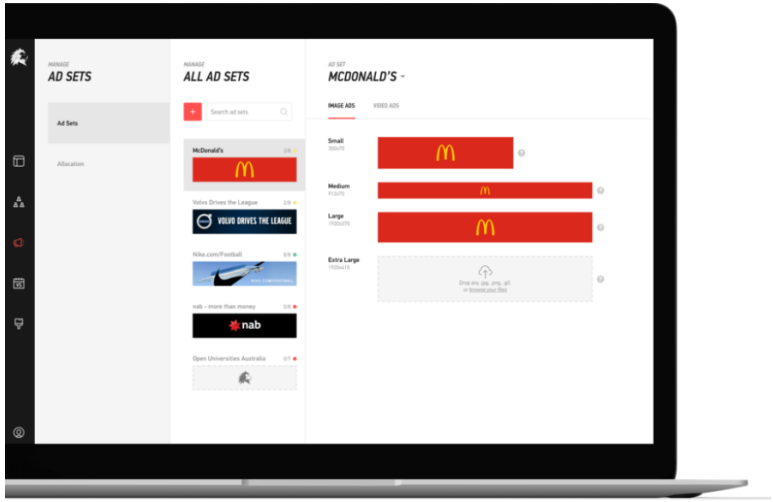
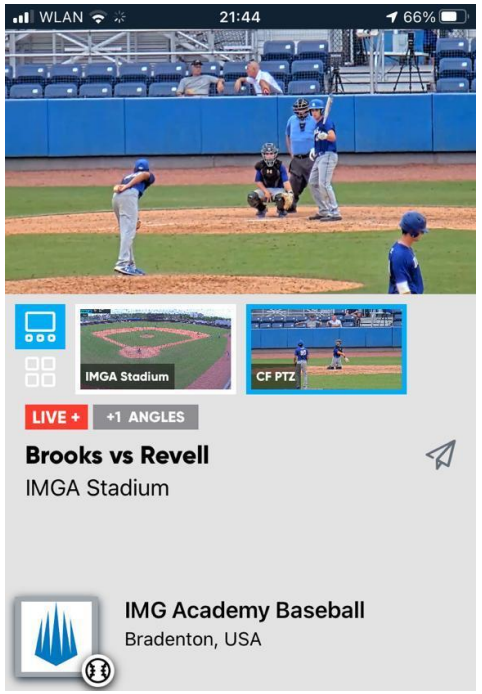
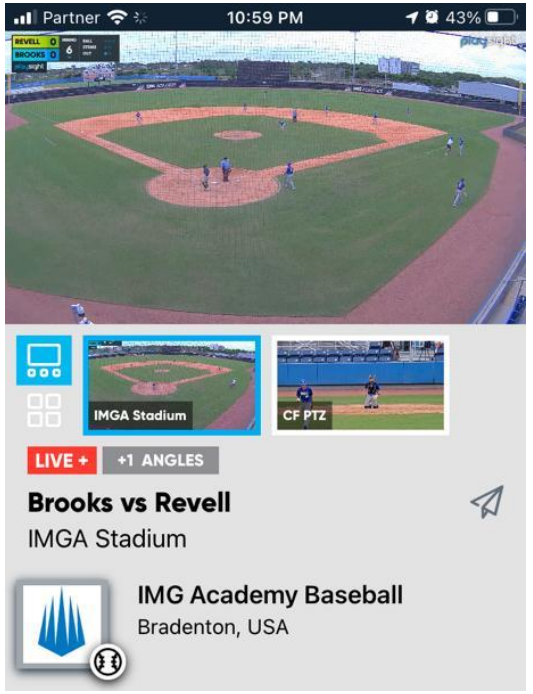
Live Graphics

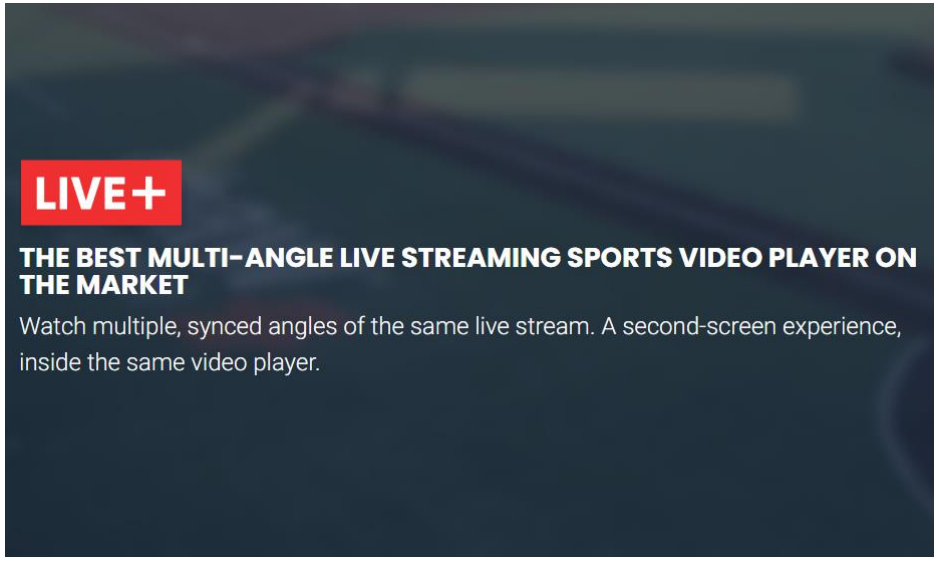


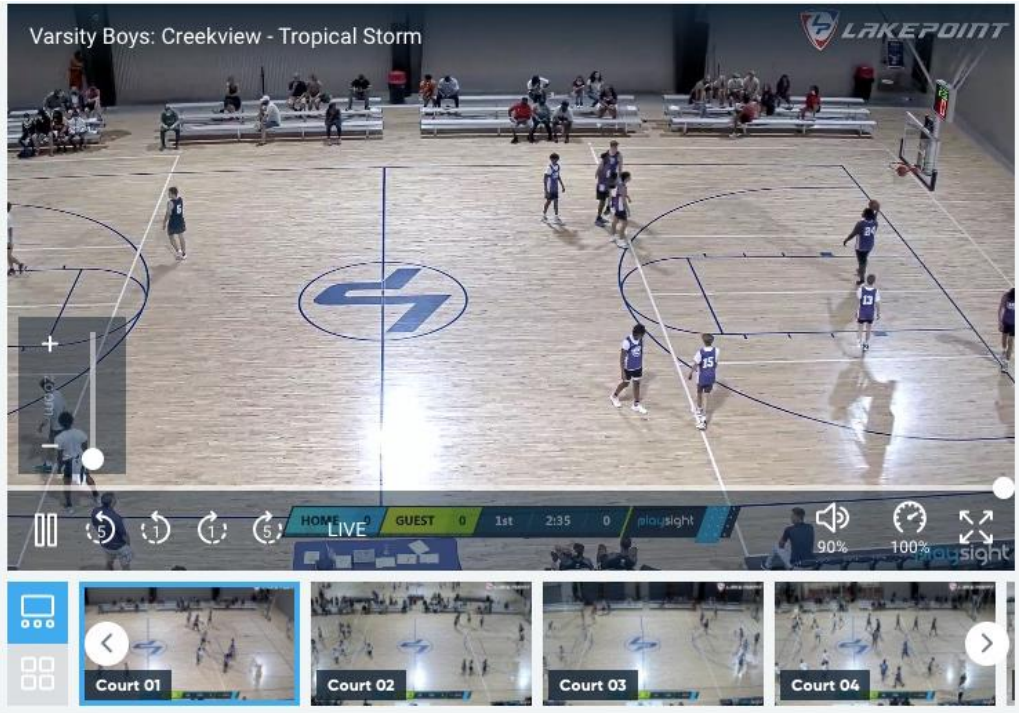
LIVE+

- Multi angle live streaming
- Fully interactive viewing experience









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VMAX·AI - Streaming Accelerator

PlaySight streaming accelerator can improve the performance of traffic over the internet enabling the streaming of high-quality video at high bitrate

VMAX·AI

playsight

Cloud-based real-time frame booster (50/60 FPS) production and super slow-motion service

Elapsed time

Original image

Scans the previous and Immediately following frames for differences

Predicts the motion differences and generates interpolated images to fill the gaps, allowing smoother video

Intermittent image

Combines the original video with interpolated image

WATCH VIDEO

VMAX·AI

Core Benefits

INCREASE YOUR PRODUCTION VALUE	USE IT (AND SCALE IT) WHEN YOU NEED IT	AFFORDABLE SOLUTION TO YOUR OTT CHANNEL
Vmax.AI enhances your production in real time into a 60FPS production with no need to upgrade your cameras and bandwidth cost. VMAX.AI can also generate super slow-mo replays and highlights.	Available as a real-time cloud-based service, Vmax.Ai can be deployed in instants, whenever and wherever you need it, with no additional hardware required on site.	PlaySight has developed proprietary real-time AI machine learning Video frame interpolation (VFI) algorithms, brining for the first time ,affordable AI VFI to any level production (TV and OTT)

VMAX·AI

Portable System

SmartCourt GO – the Portable SmartCourt

The most lightweight professional broadcasting system on the market – a fully portable sports video, broadcasting and analysis solution. Connect with your athletes, coaches and fans simply and easily.

1. Easy setup within minutes
2. No cabling or local infrastructure required
3. Live stream, record and store all video content on the PlaySight OTT
4. Commentating over court background audio
5. Automatic Digital integration to scoreboards, live graphics, and smart scoring
6. Embed your interactive sports video player onto any site or network
7. Stream to any custom RTMP or social network
8. Access to the PlaySight platform PSSN : analyze, edit and share content in a matter of seconds
9. Complete content monetization and commercialization capabilities
10. Pro-level coaching tools on your tablet and smartphone
11. Multi Go for Multi angle production

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WATCH VIDEO

PlaySight GO

Camcorder set up - multi sports and dynamic view

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PlaySight GO Mobile

WATCH VIDEO

WATCH VIDEO

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Remote PTZ Production – Robotic camera

https://www.dropbox.com/s/1cby70w8m0puurj/BasketballPTZ_60.mp4?dl=0

PlaySight OTT - PSSN PLATFORM

PSSN - PlaySight OTT

Possibility to offer free or premium access to live-streaming and VOD. Fully included within the platform

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PSSN

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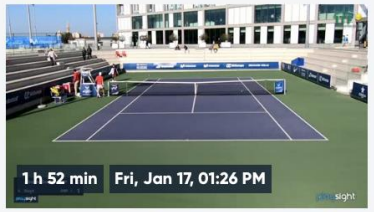
DATES FROM 1 Dec, 2019 TO 29 Feb, 2020 APPLY

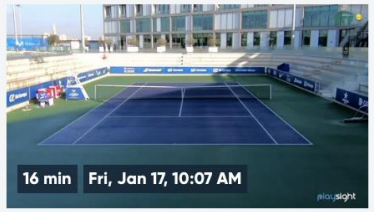


Alcaraz Garfia, Carlos (ESP) VS Hoyt, Evan (GBR)
PlaySight GO 3

WATCH

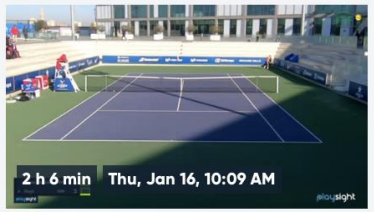
Tennis Match session
PlaySight GO 3

WATCH



Test
PlaySight GO 3

Harris, Billy (GBR) VS Alcaraz Garfia, Carlos (ESP)
PlaySight GO 3



Vives Marcos VS Hoyt
PlaySight GO 3

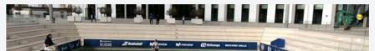
WATCH

Furness VS Zhurbin
PlaySight GO 3

WATCH

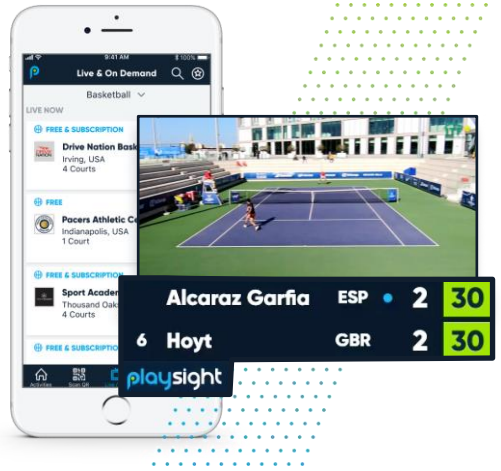
Furness VS Zhurbin
PlaySight GO 3

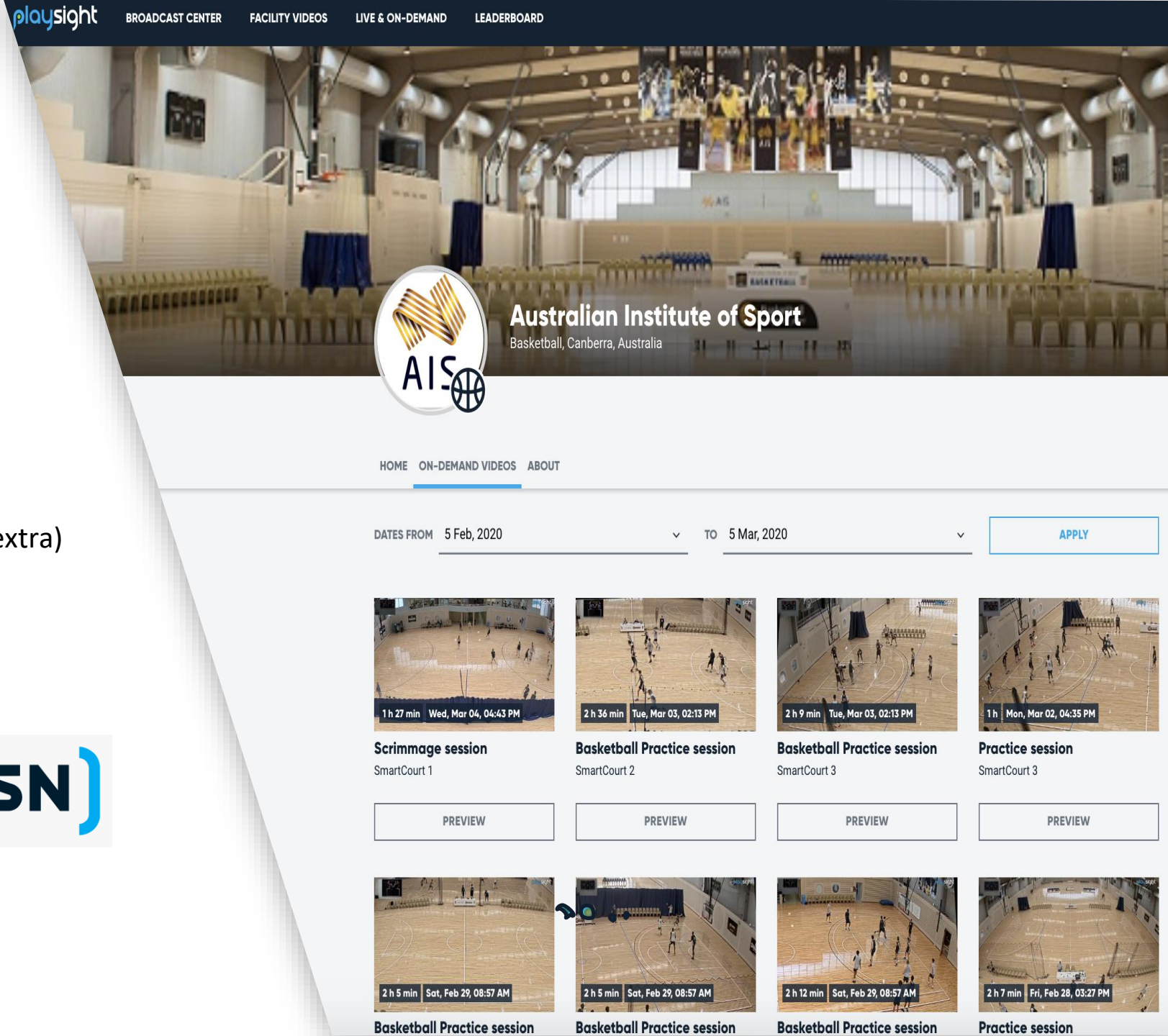
Hernandez-Fernandez VS Harris (GBR)
PlaySight GO 3



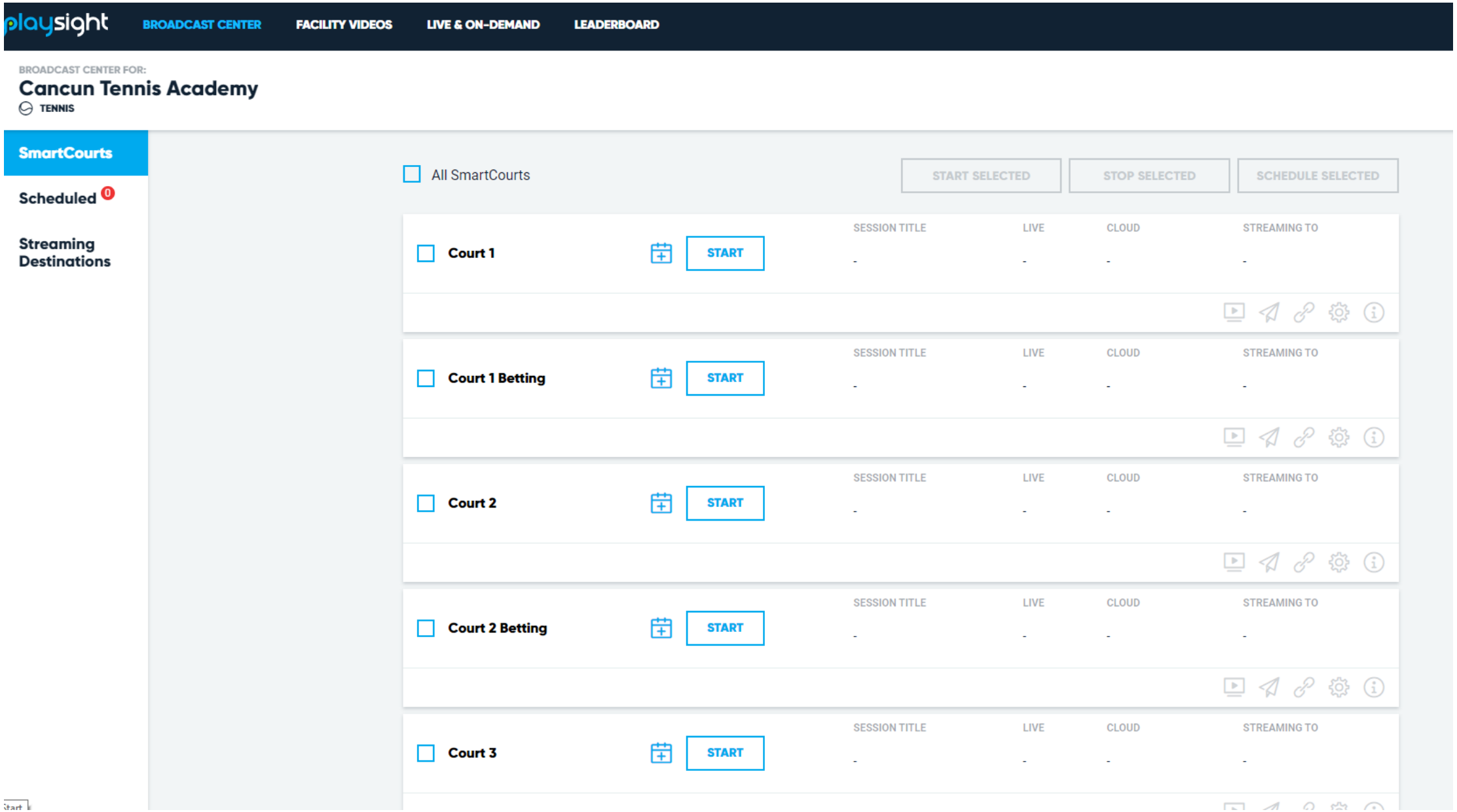
Your Own Channel

- Fully customizable
- Both live streaming and VOD
- Comes with every SmartCourt
- No extra costs included
- Possibility of white branding (extra)
- Ability to stream directly in your website (extra)



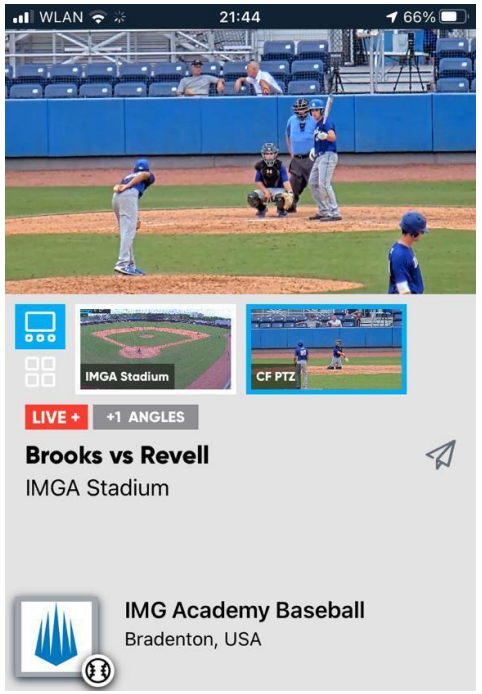


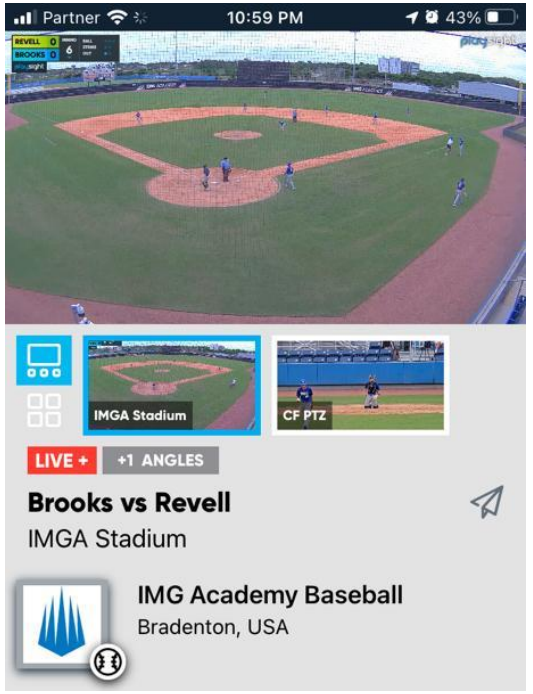
Your Own Broadcast center

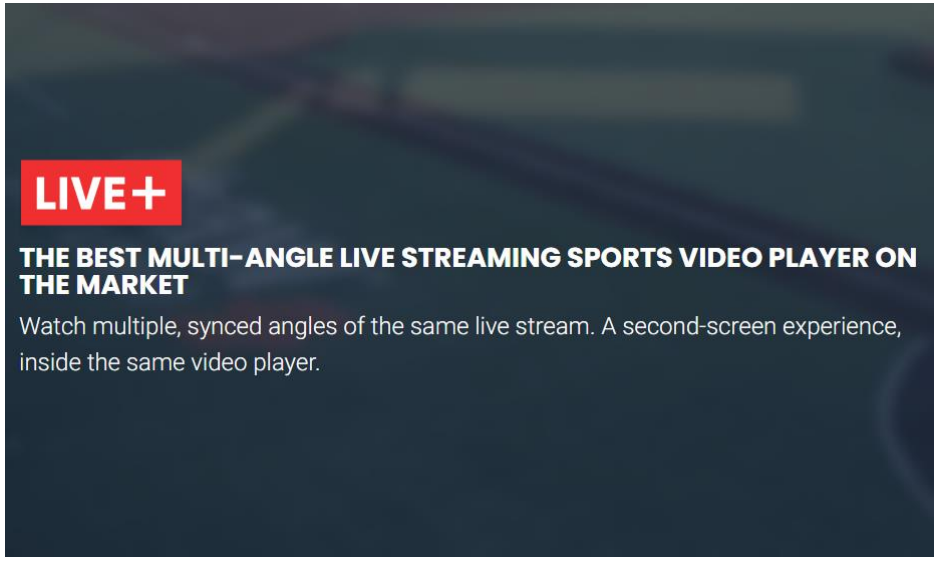


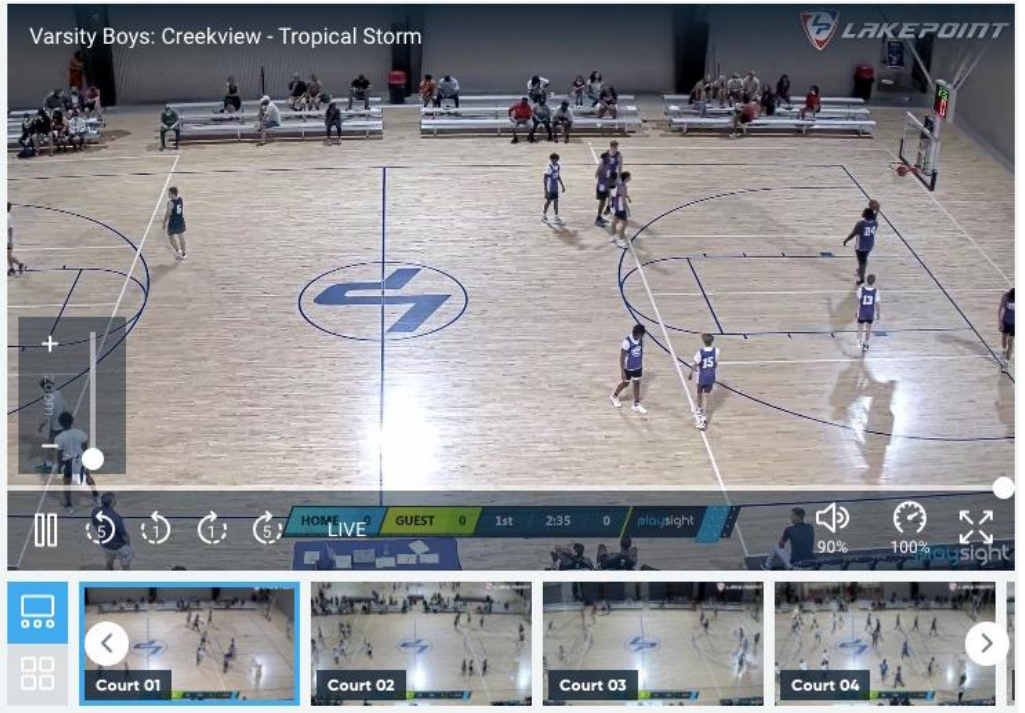
LIVE+

- Multi angle live streaming
- Fully interactive viewing experience









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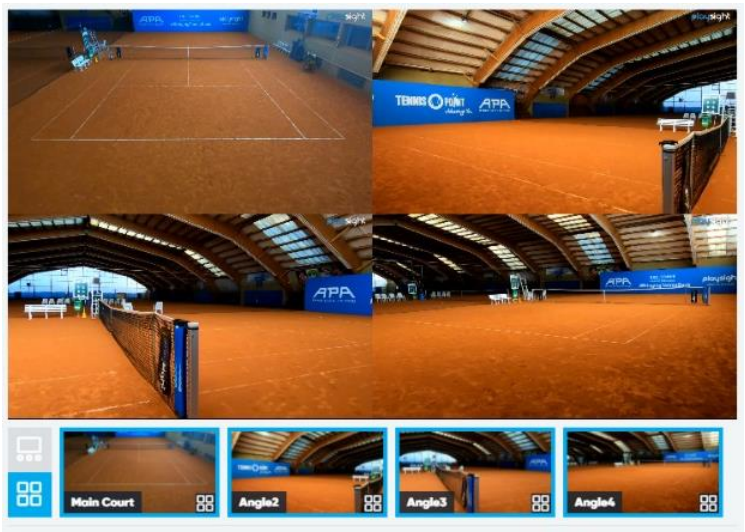
Remote Production

Multi-Camera Remote Production

- Push multiple camera to a cloud studio
- Use a cloud studio to produce a final edited feed
- Distribute the feed to multiple OTT’s
- Also possible with PTZ cameras



Multi-Camera Production With Crionet

https://vimeo.com/272186662
Password: crionet

Multi-Camera Production with Tennis Channel

TENNIS CHANNEL INTERNATIONAL

X

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WATCH VIDEO

VAR Light

Video Assistant Referee

VAR is a concept taking over sports. From pro hockey (NHL) to American Football (NFL) and football (FIFA), leagues, federations and associations are adopting video technology to reduce bad calls and enhance the fairness and competitive nature of sports.

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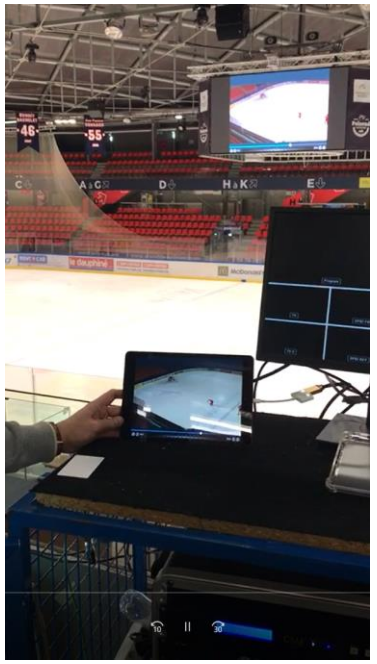
Instant Replay/VAR

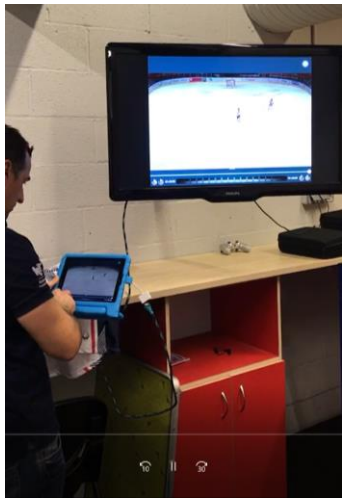
PRO-LEVEL INSTANT REPLAY AND OFFICIATING TOOLS

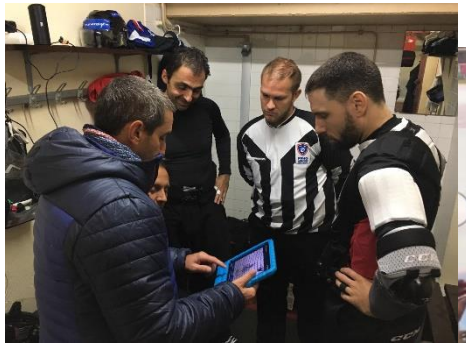
The video replay is operated on a mobile device and allows:

Examples:

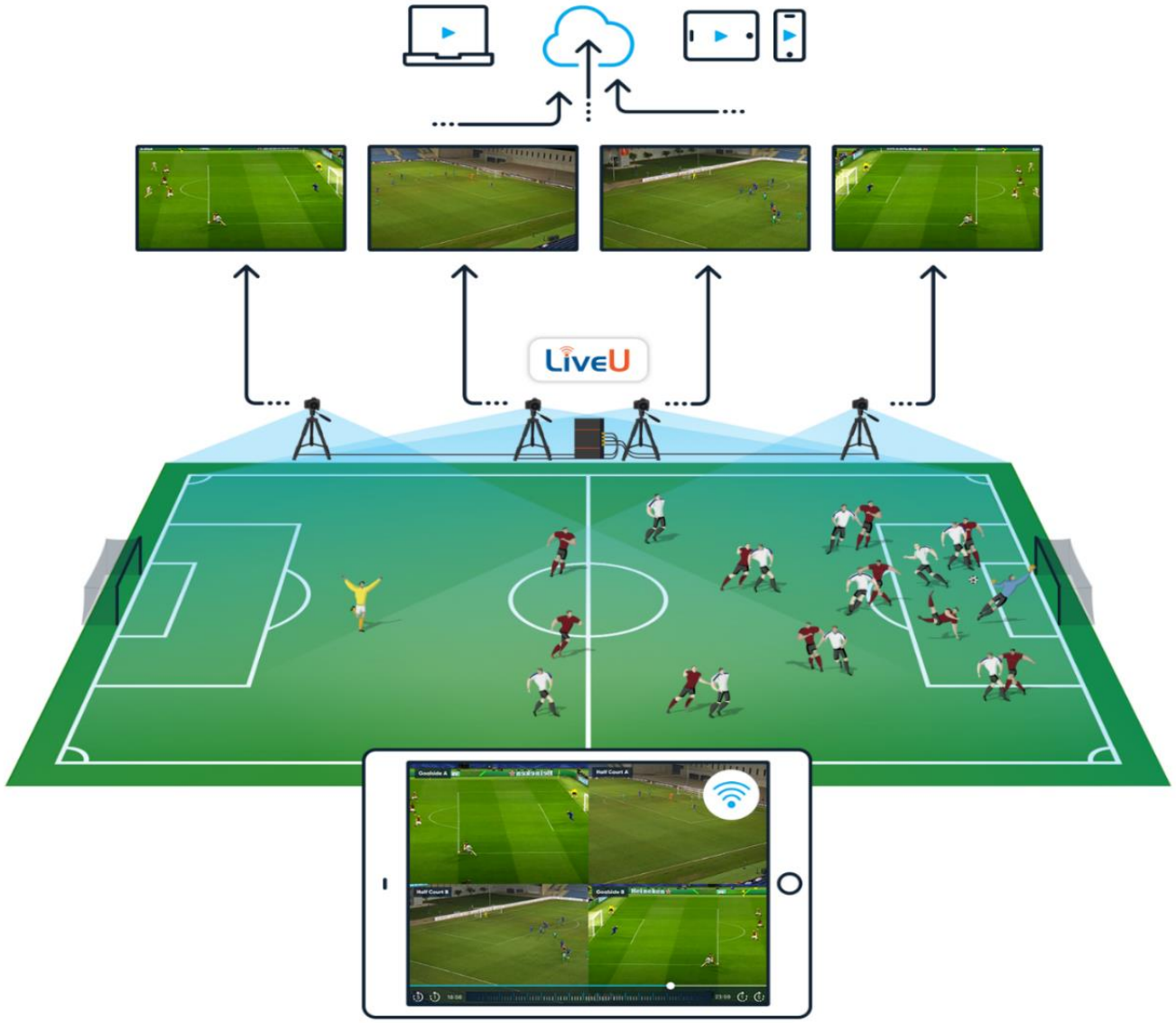
- Ice Hockey VAR in App
- Ice Hockey VAR event review and table
- Softball VAR with ESPN cameras
- Ref grabbing tablet from the table
- Basketball Coach using Replay
- PlayFair App
- VAR in Squash







Multi-Camera Remote Production



playsight VAR

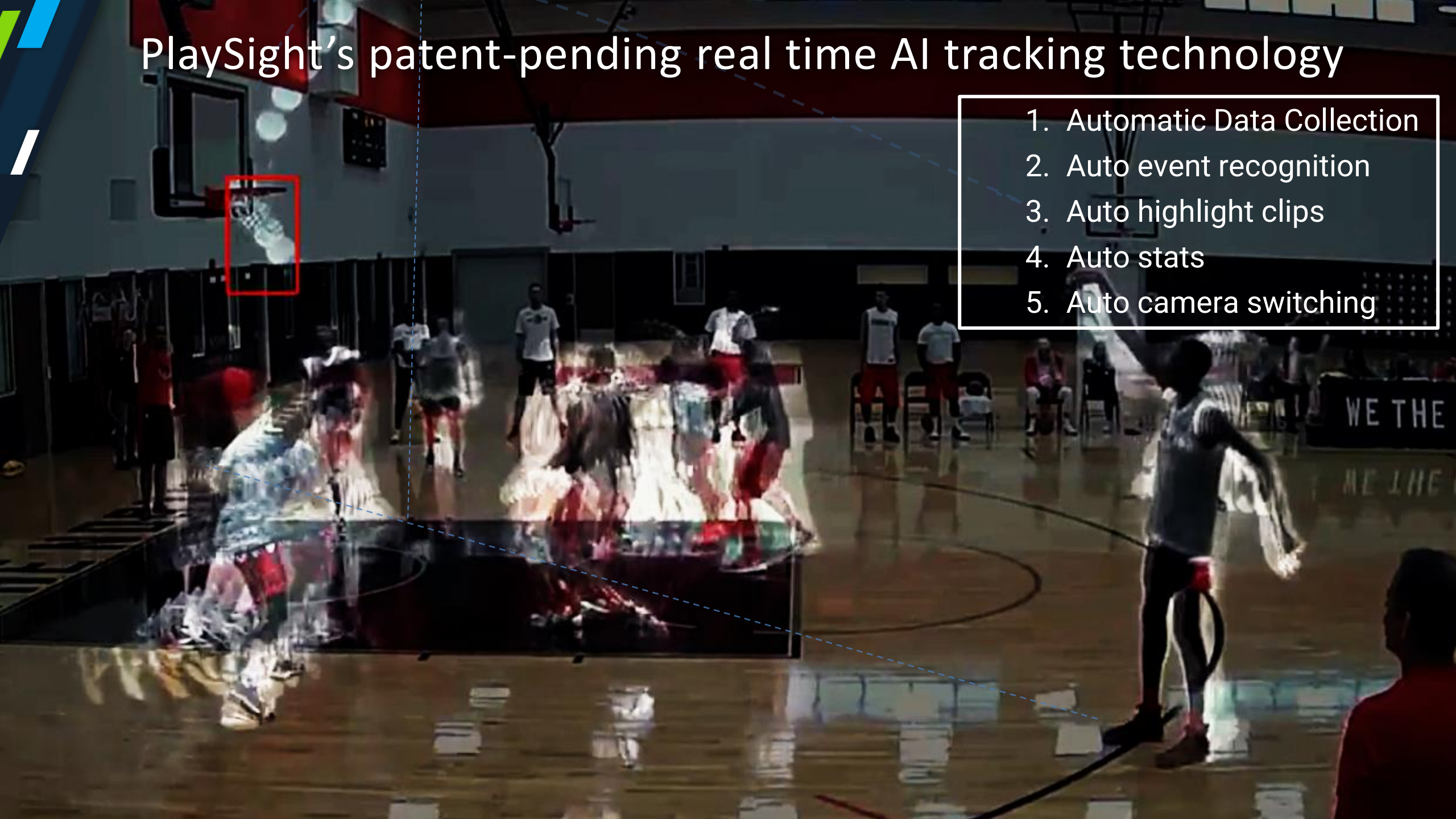
LiveU SPORTS

FIFA®

playsight

PlaySight AI
Tracking & Analytics

PlaySight's patent-pending real time AI tracking technology



1. Automatic Data Collection
2. Auto event recognition
3. Auto highlight clips
4. Auto stats
5. Auto camera switching

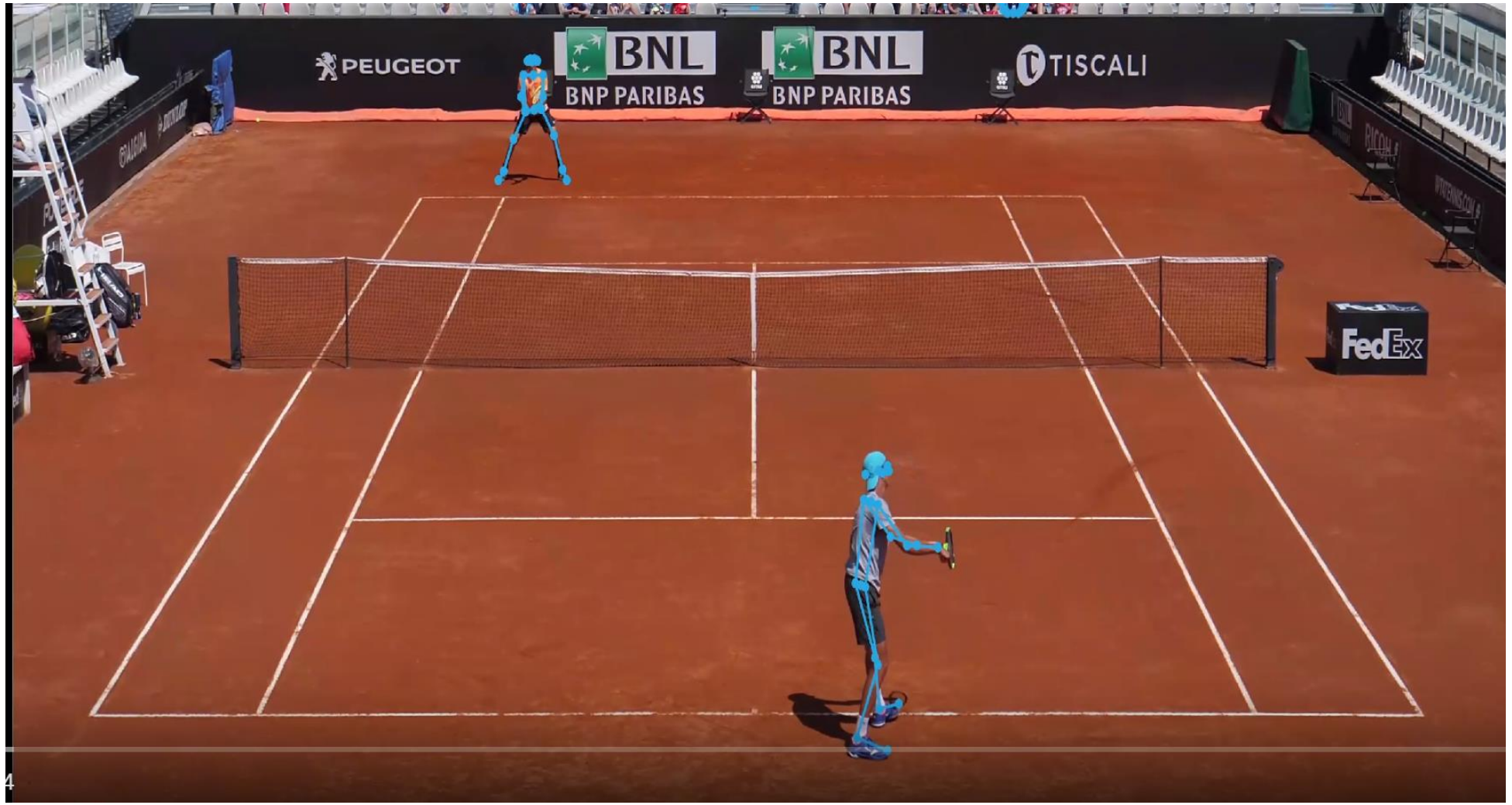
AI & Deep Learning Algorithms

Ball & Player Tracking

1. Auto event recognition
2. Auto highlight clips
3. Auto stats
4. Auto camera switching

WATCH VIDEO

Skeleton



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WATCH VIDEO

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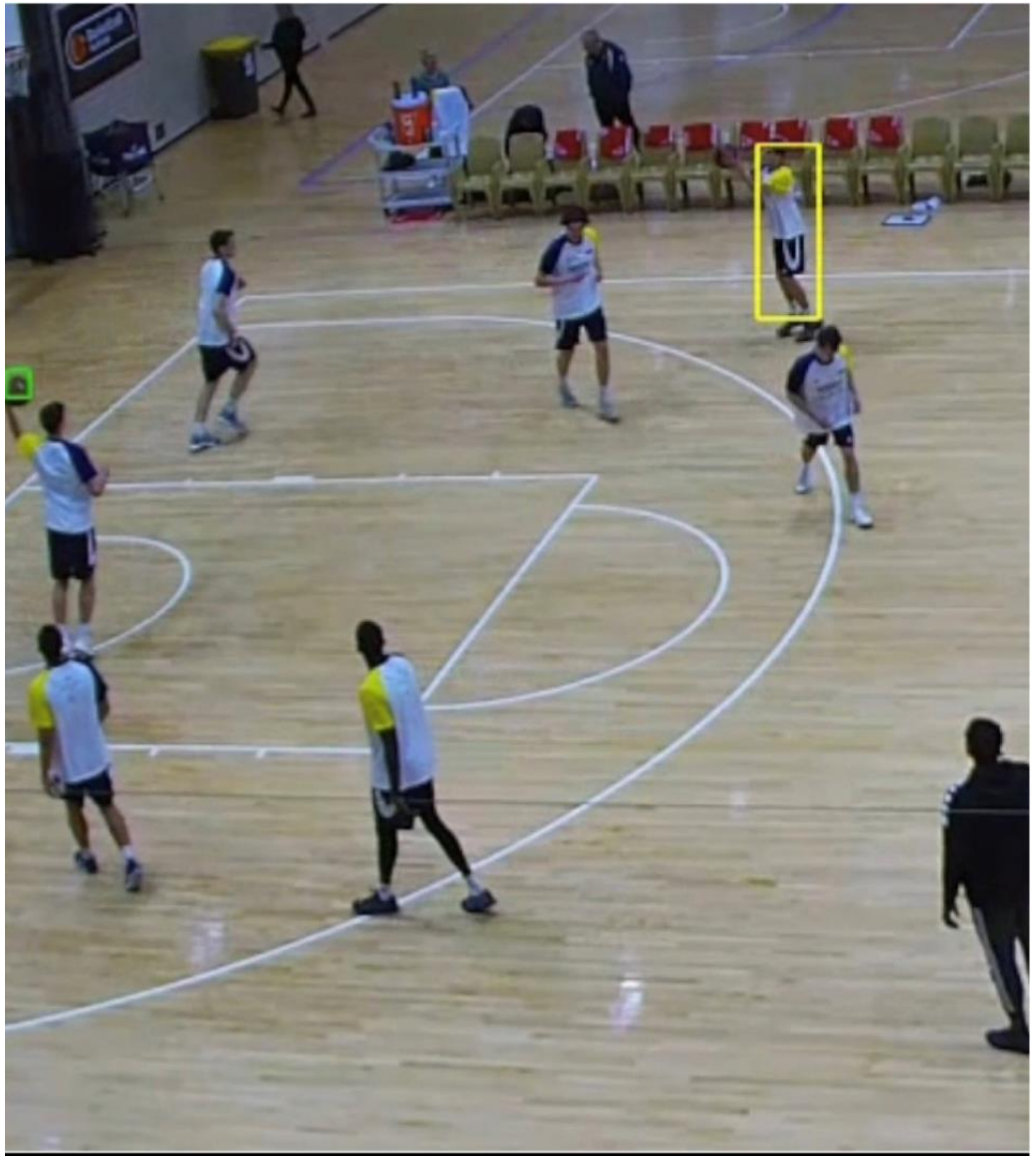
AI & Deep Learning Algorithms



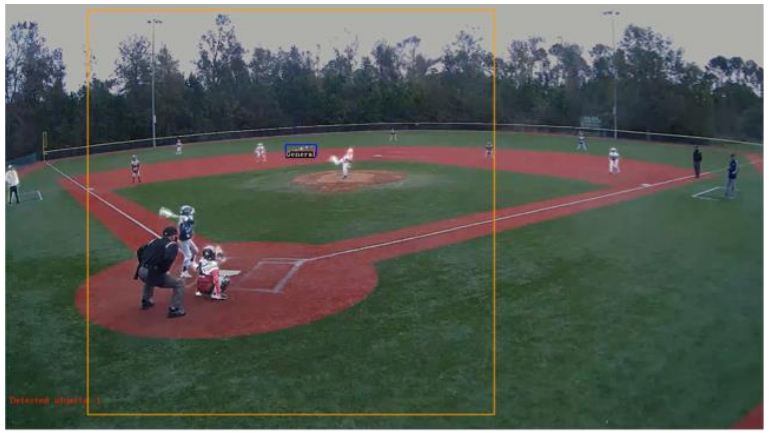
AI & DEEP LEARNING ALGORITHMS

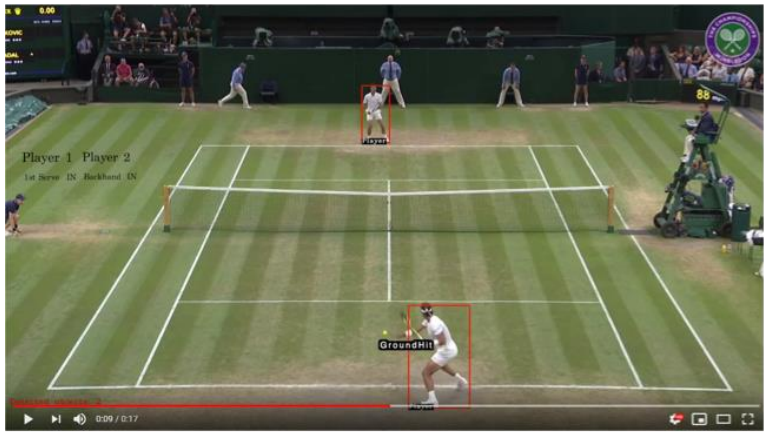
We are building the capability to automatically tag events on the court through AI image processing and deep learning (including the ability to custom track a single player)

WATCH VIDEO

AI Technology

- AI and machine learning technology allows:
- Ball and player tracking for optimization of automatic production
- Recognizing and creating events
- Automatic and manual highlight clips creation
- Video examples:
  - Basketball shot detection (WATCH HERE)
  - Basketball ball and player tracking (WATCH HERE)
  - Ice Hockey (WATCH HERE)
  - Tennis (WATCH HERE)
  - Cricket (WATCH HERE)
  - Baseball (WATCH HERE)
  - Soccer (WATCH HERE)
  - Soccer ball and player tracking (WATCH HERE)
  - Skeleton (WATCH HERE)





playsight
CONNECTING YOUR SPORT

1st SERVE
IN
PLACEMENT: BODY
SPEED
106
MPH
ACCURACY
61
% IN
12%
WIDE
63%
T
25%
BODY
SPIN
1358
RPM

The PlaySight Statistics

Match Statistics

- 1st Serve %
- Total point won
- Aces
- Double Faults
- Wins on 1st & 2nd Serve
- Winners
- Unforced Errors
- Wins on 1st & 2nd Serve return
- Net Approaches

Serve Statistics

- Serve in %
- Fastest Serve Speed
- Average Serve Speed
- Serve In T %
- Serve In Body %
- Serve In Wide %
- Serve T Deep %
- Serve Body Deep %
- Serve Wide Deep %
- Serves Net clearance

Stroke Statistics

- Total Forehands & backhands
- Forehand & backhands In %
- Strokes net clearance
- Fastest Forehand & backhands Speed
- Average Forehand & backhands Speed (km/h)

Rally

- Wins on Short Rally (2-5 strokes)
- Wins on Medium Rally (6-9 strokes)
- Wins on Long Rally (10+ strokes)

Fitness

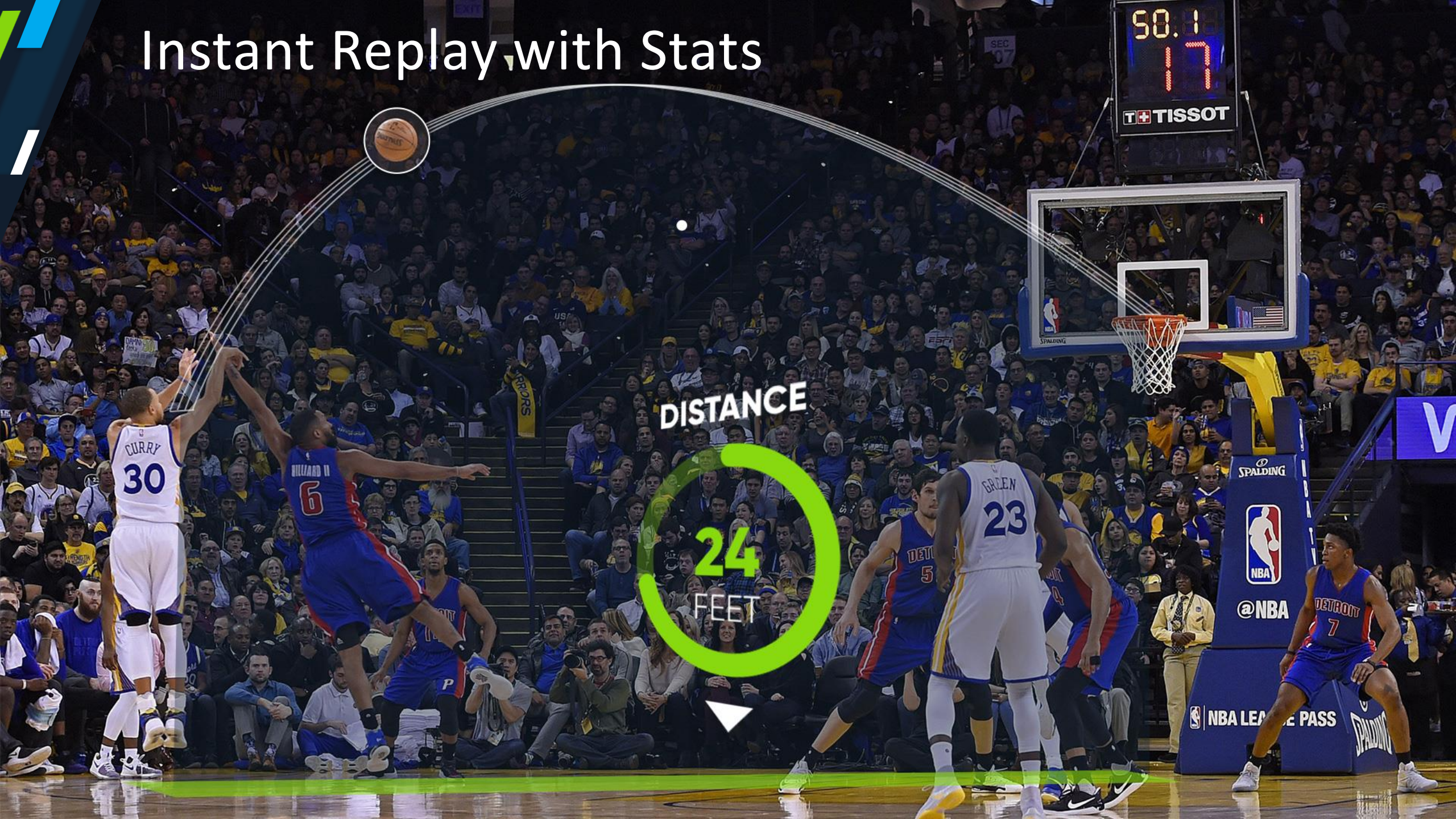
- Distance covered
- Calories burned (Cal)

GET YOUR playsight SMART COURT TODAY

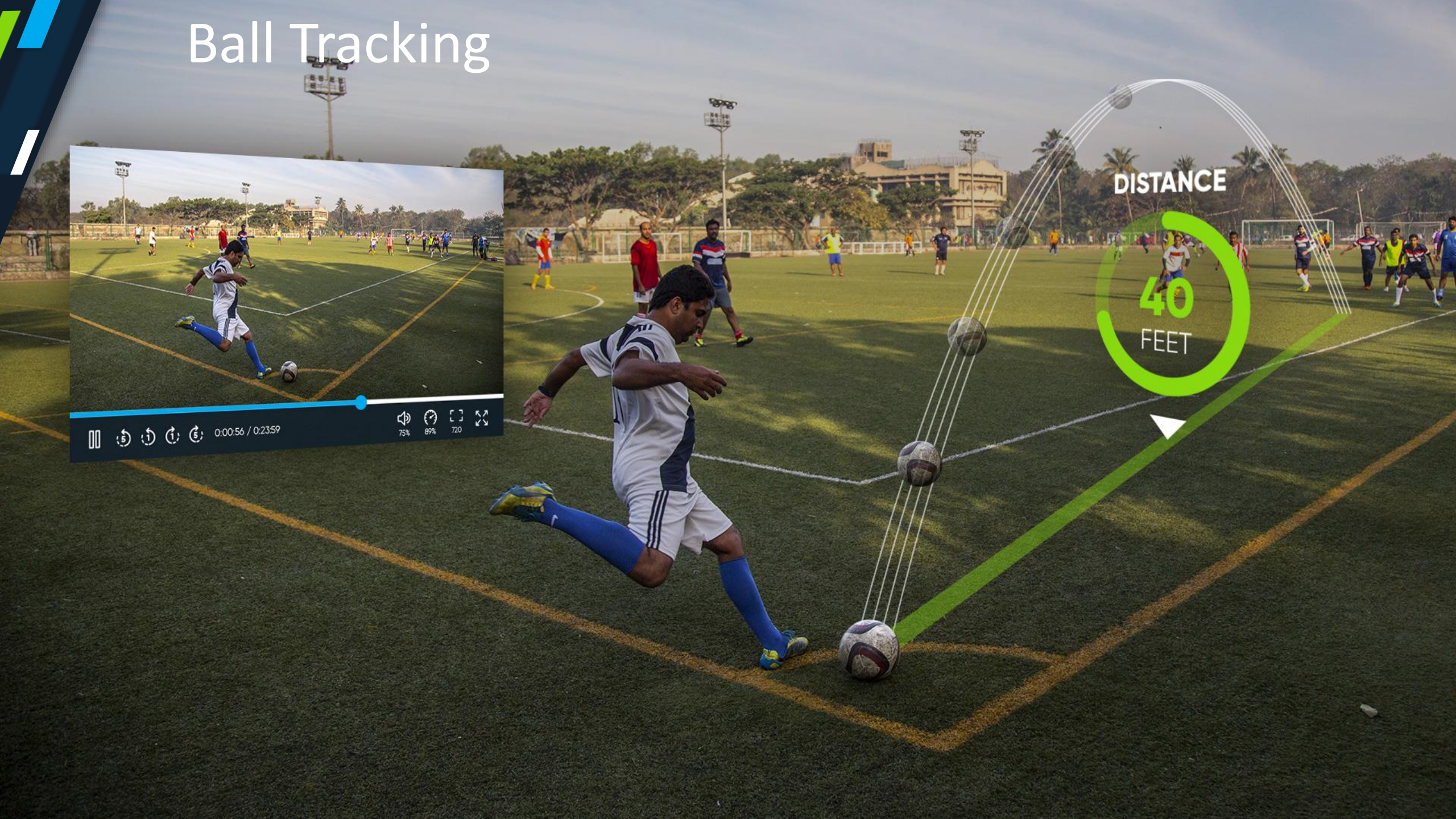
Baseball Automatic Tracking

Ball tracking

Instant Replay with Stats



Ball Tracking



sales@playsight.com