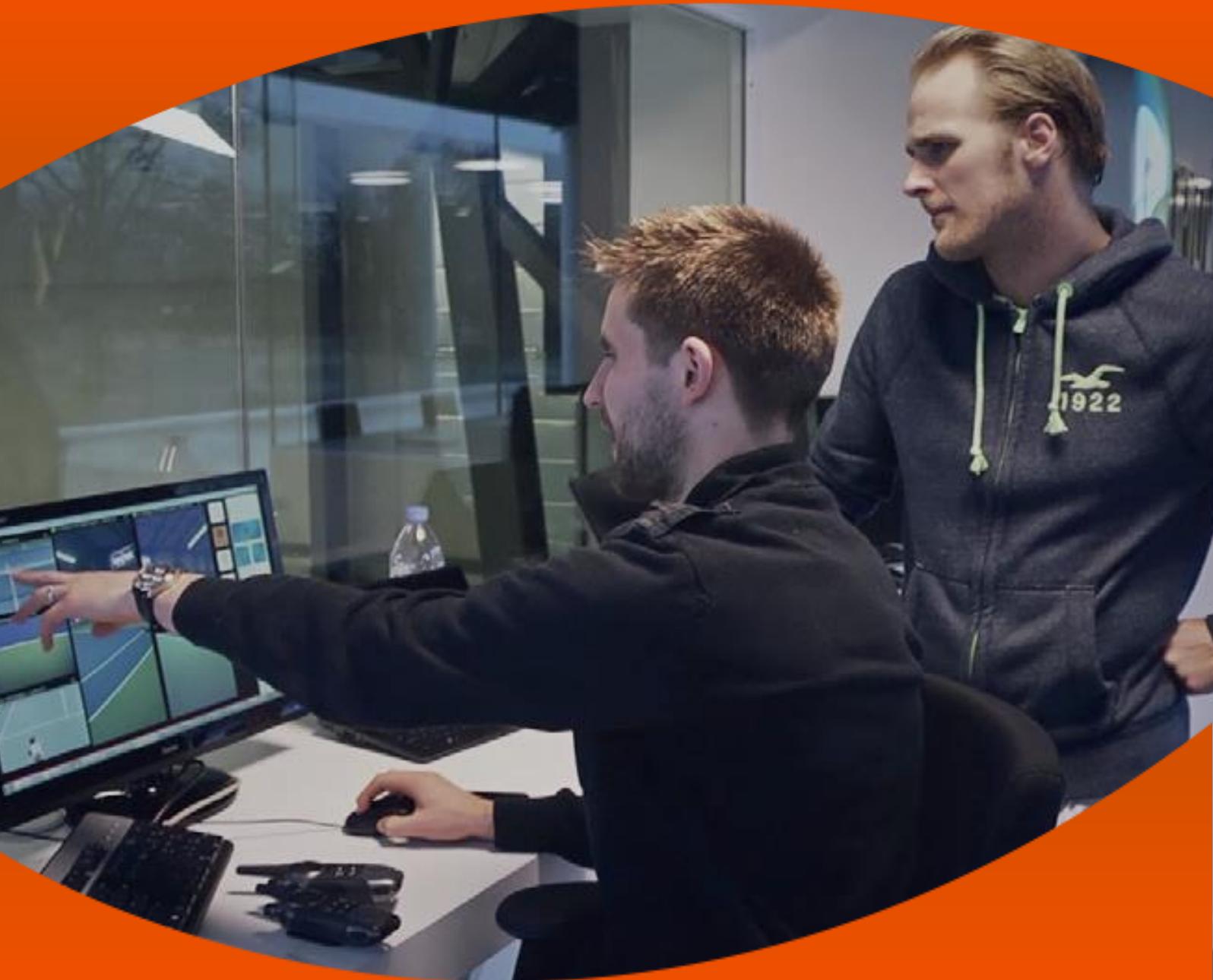




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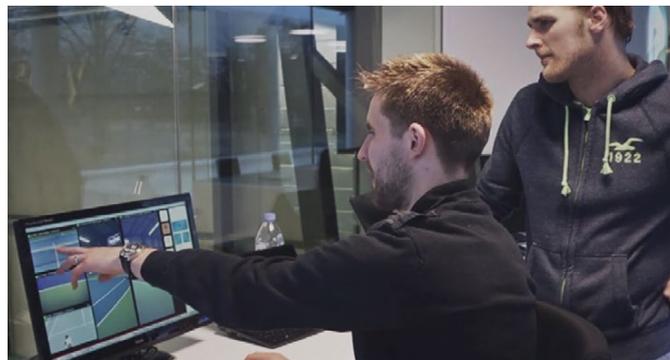
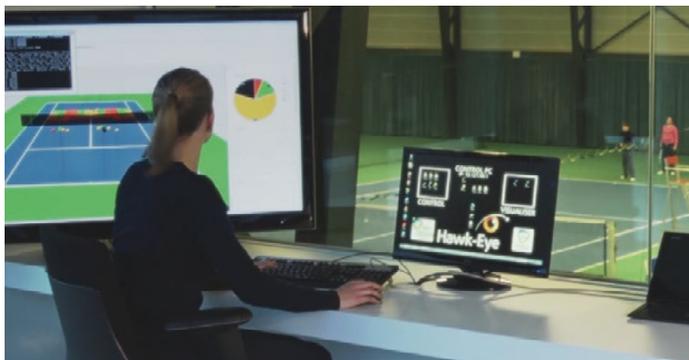
SMART Coach for Tennis



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TENNIS COACHING SYSTEM

Hawk-Eye's understanding of officiating and broadcast technology in combination with extensive experience in working alongside top athletes has enabled the development of a coaching system that show players and coaches not only what happened but also why.



Example of Coaching Data Points

SHOT ANALYSIS

- ◆ Accuracy of shots
- ◆ Statistics on shots bouncing in areas defined by the coach
- ◆ Spin Classification of shot (Slice/Flat/Topspin)
- ◆ Accurate spin rate value
- ◆ Shot Classification (Forehand/Backhand)
- ◆ X,Y,Z position data at contact point, net, bounce, apex and at baseline
- ◆ Distinction of whether ball is rising/dropping as it crosses the baseline
- ◆ Virtual 3D trajectory of each shot

PLAYER ANALYSIS

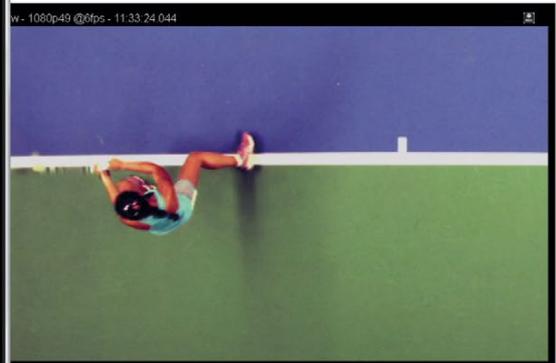
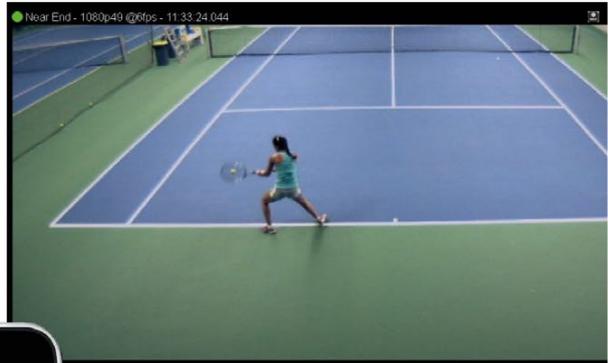
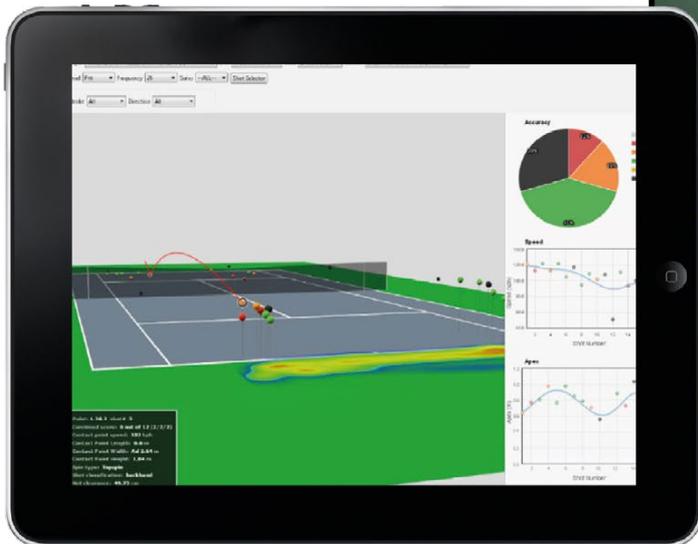
- ◆ Player distance covered
- ◆ Average and maximum player speeds by the coach
- ◆ Average and maximum player accelerations
- ◆ Heat map of player movement
- ◆ Heart rate and lactate information

BALL SPEED ANALYSIS

- ◆ Min/Average/Max ball speeds
- ◆ Speed of ball at contact point
- ◆ Speed of ball at net
- ◆ Speed of ball into/out of bounce
- ◆ Speed of ball at baseline
- ◆ Speed of ball at apex point

DATA & VIDEO INTEGRATION

Hawk-Eye's Tennis Coaching System combines data visualisation and broadcast quality video that enables top athletes and coaches to biomechanically analyse technique and investigate on-court performance through ball tracking data.



COACHING & MATCH SYSTEM

Hawk-Eye is the only company in the world to collect player and ball tracking data at all Grand Slam events and approximately 80% of elite events below that tier. Subject to data rights, this allows users of the coaching system to easily compare and evaluate their data and video to that of current, past and future professional players.





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