



# Player Analysis Technology Approval certificate

## PlaySight™ SmartCourt

**Test code:** PAT-13-003

**Serial no:** n/a

**Software version(s):** 3.8.8

**Firmware version:** n/a

**Issue date:** 10 February 2014



**Objective:** To test and evaluate PlaySight SmartCourt Player Analysis Technology according to Rule 31 of the 2014 Rules of Tennis.

**Result:** Approved

### SUMMARY

Multiple cameras fixed around the court are used to capture images of play. The cameras are connected to an on-court kiosk which houses a personal computer (PC) and touchscreen display. Software on the kiosk PC reconstructs the ball and player position and trajectories in three dimensions from the camera images.

Players must log in to the PlaySight server, via the kiosk, to start data capture. Information displayed on the kiosk is dependent on the operation mode selected. A 'Tournament' mode, which can only be selected by the club/event administrator (not the players), limits the information displayed to the players' names and match time, and disables the audio.

Coaching information, such as match statistics and virtual replays, are displayed on the kiosk in other operation modes and available on internet-enabled devices after logging out from all modes. Players automatically share data with their opponent in all modes.

Restrictions on the access by a player to PlaySight SmartCourt components during periods when coaching is and is not allowed are as follows:

COMPONENT	NO COACHING	COACHING
Video cameras	Permitted	Permitted
On-court kiosk (Tournament mode)	Permitted	Permitted
Auxiliary device (e.g. smartphone)	Not permitted	Permitted