



Player Analysis Technology Approval certificate

Billie Jean King Cup Match Insights App

Test code: PAT-21-026

Serial no:
N/A

Software version:
1.51.1.0 (Windows)

Firmware version:
N/A

Issue date: 31 October 2021



Objective: To test and evaluate Billie Jean King Cup Match Insights App Player Analysis Technology according to Rule 31 of the 2021 Rules of Tennis.

Result: Approved

SUMMARY

The Billie Jean King Cup Match Insights App combines live scoring and ball/player tracking data feeds to provide near real-time coaching information on a Surface device (tablet).

The scoring data are generated on a tablet by the Chair Umpire and additional match statistics are generated by an operator on a Surface device at the side of the court. The ball/player tracking data are generated by multiple cameras located around the court, connected to personal computers, and controlled by a team of operators. These data are transmitted via wired Ethernet connection. The combined data feed is transmitted via the internet to a Microsoft Azure cloud platform service, processed and then sent to a Surface device running the Billie Jean King Match Insights App.

Coaching information, such as shot types, shot placement and court coverage by players, are available on the Surface device with the Billie Jean King Cup Match Insights App.

Restrictions on the access by a player to Billie Jean King Cup Match Insights App components during periods when coaching is and is not allowed are as follows:

COMPONENT	NO COACHING	COACHING
Tablet (live scoring by the Chair Umpire)	Permitted	Permitted
Video cameras (ball/player tracking)	Permitted	Permitted
Surface device (Billie Jean King Match Insights App)	Not permitted	Permitted