



Player Analysis Technology Approval certificate

ATLAS

Test code: PAT-24-028

Serial no: n/a

Software version(s): 2.0

Firmware version: n/a

Issue date: 31/05/23

Objective: To test and evaluate SMT's ATLAS system according to Rule 31 of the 2023 Rules of Tennis.

Result: Approved



SUMMARY

Six cameras are positioned around the court, one at each corner and two behind player benches. The cameras are connected to a courtside distribution box which provides power and transfers the camera feeds to a server. 3D ball and player trajectories are calculated, enabling in/out calls to be determined. A keyboard or programmed keypad (StreamDeck) is used to control the operation of the System, via personal computer (PC).

A video renderer creates a virtual visualisation of ball trajectories and bounce footprints, which can be output to on-court video displays. The System can provide an audible "out" call and visual indicators for line calls. The provision of line call replays to the in-stadium display can be controlled by the Chair Umpire or set to automatically send close calls.

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

COMPONENT	NO COACHING	COACHING
Video cameras	Permitted	Permitted
Loudspeaker	Permitted	Permitted
In-stadium display	Permitted	Permitted

NOTE: Approval does not attempt to, nor does it in fact, establish the accuracy or reliability of data or fidelity of its transmission, including (but not limited to) the provision of 'in'/'out' decisions for the purposes of line-calling.