PUTTING CONTROL OF EVERY BROADCAST ANGLE
INTO THE HANDS OF THOSE WHO NEED IT MOST

SMART Replay

hawkeyeinnovations.com  |  pulselive.com
Why SMART Replay

Up until now, control of live sports video has been exclusively in the hands of the broadcasters meaning limited access to the multiple stakeholders who need access to this content in real time. Hawk-Eye’s Synchronised Multi-Angle Replay Technology (SMART) is an exciting new video replay and distribution technology that puts control of every broadcast camera angle into the hands of those who need it the most.

- **Officiating**: By providing every angle of an incident enabling decisions to be made quickly and accurately
- **Medical**: By allowing medical teams to review and diagnose injuries instantly and assess injuries post-event
- **Broadcast Enhancement**: By getting fans closer to the action and helping to tell the story
- **Content Management**: By enabling rights holders access to content instantly for editing and distribution
- **In-Stadia**: By controlling content distribution into hospitality boxes and on the big-screen
- **Coaching & Analysis**: By providing every angle of a player, team or opponent’s performance live and post-event
How it works

SMART Replay records every broadcast angle in real time, with no limit to the amount of inputs and makes this content available immediately either on-site or remotely to help multiple stakeholders across sports officiating, broadcast, player welfare and coaching. All angles are recorded in sync so replays can be viewed simultaneously and the system is flexible enough to suit any client requirement or stadium set up.

HOW IT WORKS: SERVERS

At the core of Hawk-Eye’s system are the SMART Replay servers that each ingest and record up to 12 HD SDI inputs. Any number of servers can be linked together and there are no limitations to the number or types of cameras that can be ingested (Ultra-Motion, Super-Motion & IP).

HOW IT WORKS: SOFTWARE

Users can view each angle in perfect time synchronisation, frame-by-frame, in slow motion and zoom into a specific angle to get a clearer picture of an incident.
**HOW IT WORKS:**

**ACCESS & MANAGEMENT**

SMART Replay enables multiple clients to independently access the angles and view them without any interference between users. Clients can access this content either on or off-site through various flexible options including via a

- Remote desktop connection
- Direct IP connection
- The cloud
- A portable hard drive or USB

**RECORDING & ARCHIVING**

The SMART Replay servers automatically record and archive all angles and can also make these angles available on the cloud and via a portable hard drive allowing users to view, edit or publish footage at a later date. Incidents can also be quickly bookmarked or clipped off in shorter videos (MP4, MOV or AVI formats) and exported immediately.
SMART Replay

- Control: Puts control of video content into the hands of those who need it the most
- Flexibility: Can be used for multiple different applications and easily integrates into any broadcast operation
- Speed: Helps make faster officiating decisions and provides quicker access to content
- Simple: Easy to use and simple to set up with minimal disruption
- Cost: Simplifies traditional broadcast workflows and flexible applications means cost savings

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