



INTERACTIVE AUDIO VISUAL

Delivering Enhanced Audio/Video

Reliable, consistent platform for
a busy court room



INCONSISTENT SOUND

The court room needed an upgrade in functionality and acoustics as their existing solution was outdated, resulting in poor sound capture and projection. In particular, there was a 'dead zone', which was problematic for accurate court records and sound amplification to all areas of the room. In the interests of fair trials and reliable archiving, the court room needed a high-performing system which would deliver consistent audio and video quality even with movable desks.

IMPROVED AMPLIFICATION & ARCHIVING

IAV was brought in from initial design because of their knowledge and expertise. They understood the client's needs and the limitations of the existing acoustic arrangement. During the consultation process, they offered value-add design ideas to guarantee high quality, while building on the current platform to ensure ease of use.

They proposed and implemented a **low-profile ceiling microphone array** which could easily be adjusted depending on the room configuration, resulting in improved, consistent voice acquisition.

The introduction of **mobile microphones** was a key factor in delivering enhanced vocal pick up. They also ensured consistent sound capture for different room configurations.

The team also installed full high-definition (HD) pan-tilt-zoom (PTZ) cameras, providing enhanced video quality on the full HD screens and more accurate interpretation of facial expressions and emotions. New image processing also enabled live streaming and improved video-conferencing capabilities within the client's enterprise.



RELIABLE	HIGH QUALITY	FLEXIBLE	SCALABLE
<ul style="list-style-type: none"> • No more dead zone • More accurate audio recordings for reliable archiving 	<ul style="list-style-type: none"> • Consistent sound quality regardless of room configuration • Enhanced audio and video quality • Very stable audio and video conference calls 	<ul style="list-style-type: none"> • Installation completed in conjunction with busy court schedule • Responsive crew 	<ul style="list-style-type: none"> • Integration with and enhancement of existing system • Future proof system which can be expanded



This project was a true partnership.

IAV's highly qualified team understood our needs and offered design recommendations which delivered everything we needed, while reducing costs and meeting our deadline. They were there from A to Z - always flexible and responsive - working around our demanding court schedule. The platform is easy to manage and future-proof, and most importantly, provides the enhanced audio and video quality we require."

DESIGN & SPECIFICATION

IAV collaborated closely with the client to complement the existing infrastructure with a future-proof platform with enhanced audio/video quality. IAV provided analysis, custom design, implementation, as well as recommendations for optimal value.

INSTALLATION & PROJECT MANAGEMENT

The team was flexible and fast, completing installation during holidays since it was an active court room. They managed every aspect of installation from uninstalling, to rewiring, to commissioning the new system. At every point the team was responsive to challenges and changes.

FINAL COMMISSIONING

IAV employs a team of highly accredited, bilingual staff. The local team was able to respond promptly, providing immediate technical support and training to the client's IT team. They shared their resources and knowledge with the client during and after install.

T 613.748.9388

F 613.742.7738

Sales: sales@interactiveaudiovisual.com

Interactive Audio Visual

6 – 5459 Canotek Rd

Ottawa, ON K1J 9M3

InteractiveAudioVisual.com