SHOW
SUMMARY

integrated systems europe

4-7 FEB 2025 • BARCELONA

proAV®
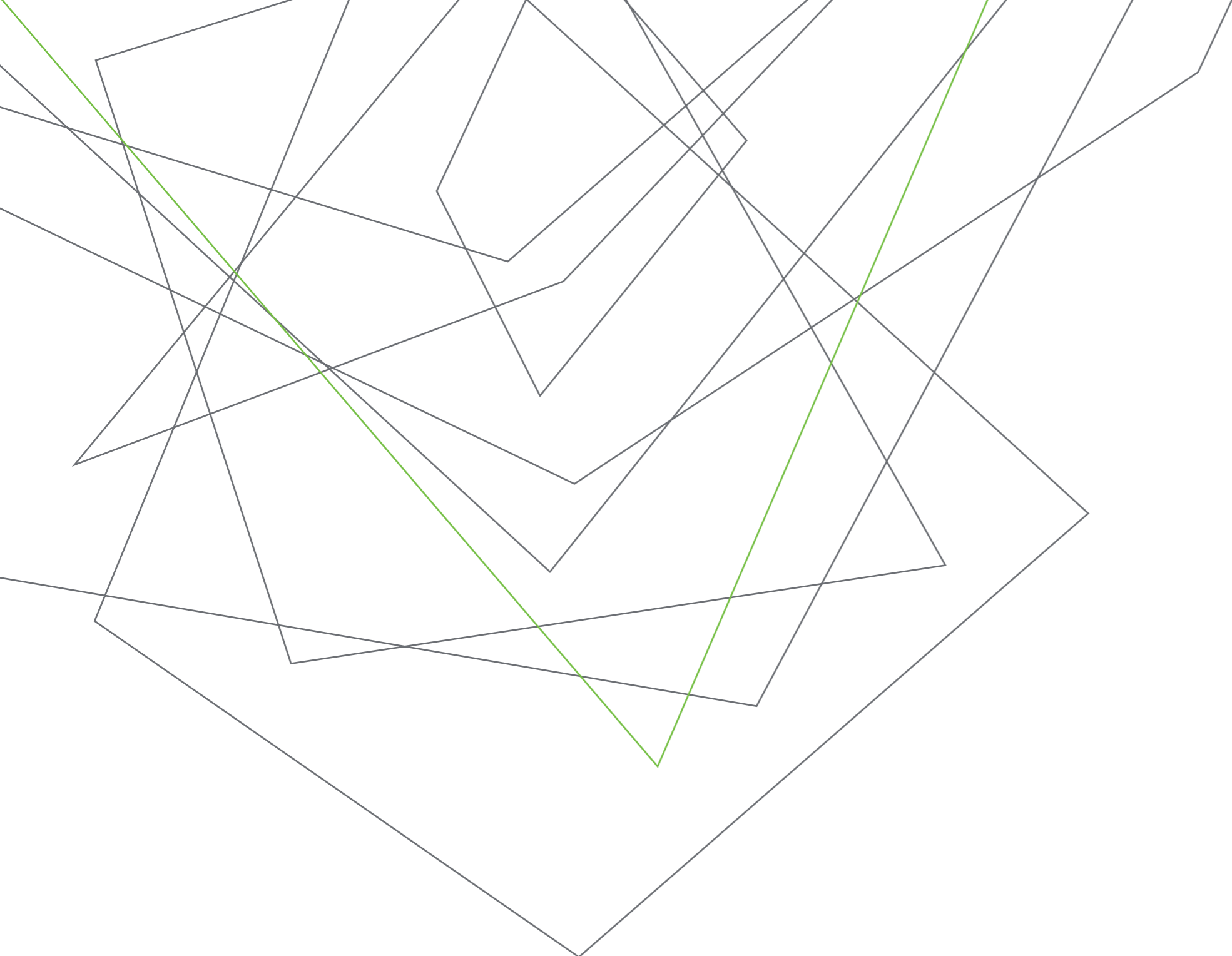
Contents

Introduction

MARK HAZELL
Sales Director

mark.hazell@proav.com
+44 7767 812 994

General Sales
sales@proav.com
+44 1784 487 000

"Another great ISE show.

We had a full team in attendance to check out all manufacturers and review current and future products and solutions on display.

This Show Report provides you with headline updates from key hardware and software manufacturers. We saw significant progress and improvements from many suppliers, including:

- Advancements in software development, control, and user interfaces.
- Continued evolution of camera solutions, LED, and LFD displays.
- Exciting collaborations shaping the future of AV technology.

We are eager to bring these new products and developments into the proAV PoC Lab and put them through rigorous testing. Reports on these activities will be available to all our clients. Please reach out if there are any specific products or product sequences you would like us to test.

We look forward to hearing from you and providing you with our full support. "
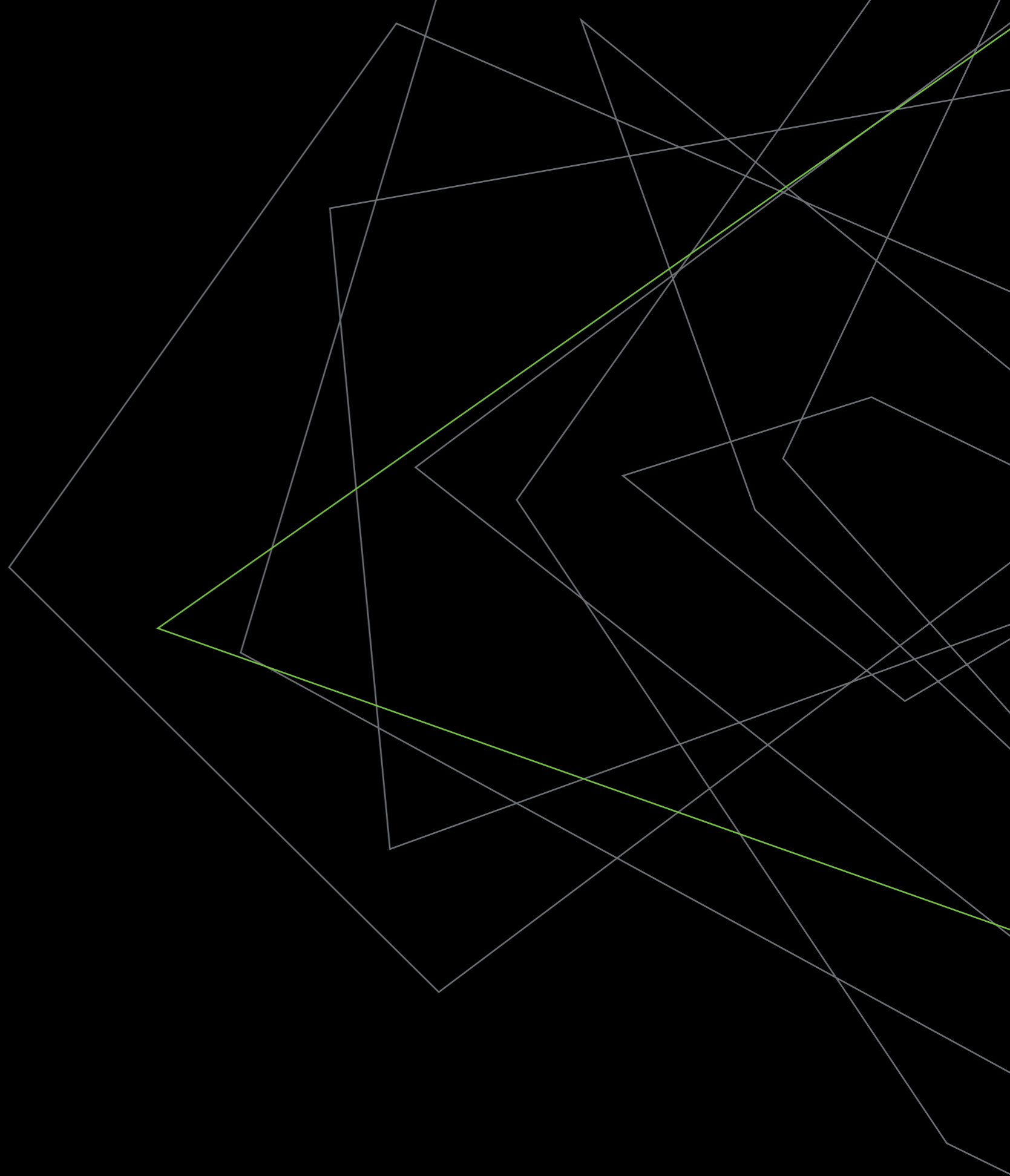
DISPLAY
TECHNOLOGY

Richard Mackie
Technical Solutions Architect

"Hall 3 featured stunning displays, including LG's revolutionary kinetic installation blending AI-driven content with rotary motion and Samsung's breathtakingly massive 'The Wall.'

However, the standout for me was Muxwave's M series transparent LED displays, showcased at both the Lang stand and their own in Hall 4. The near-holographic effect, achieved through exceptional transparency with no visible electronics, makes it perfect for retail and innovation spaces.

ROE and Unilumin introduced architecturally integrated LED solutions, though adoption by designers may depend on the finish quality.

Meanwhile, MIP technology, as highlighted by experts at Leyard and Unilumin, is poised to replace COB, offering improved colour uniformity, serviceability, and compatibility with existing SMD production lines. "

Display Technology

Samsung QH115FX Smart Signage

Samsung's 115" 4K Smart Signage sets new standards for immersive displays, offering bold visuals for businesses seeking premium presentation solutions. Its large screen and vibrant visuals enhance audience engagement in any environment.

- 4K QLED screen with 700 nits brightness for stunning, vivid visuals.
- Supports Multi-View with up to four split windows simultaneously, ideal for diverse content presentations.
- Eliminate visible borders for a seamless, uninterrupted viewing experience.
- Compatible with SmartThings Pro and Samsung VXT, with easy installation features like built-in handles and VESA compatibility.

Samsung Colour E-Paper

Redefining digital signage, the Samsung Colour E-Paper combines ultra-low power consumption with full-colour e-paper technology. Designed as an eco-conscious alternative, it offers high visibility and functionality tailored to business environments.

- Operates at 0.00W power when displaying static images, drastically reducing energy costs.
- Available in 13", 25", 32" QHD, and an outdoor 75" 5K version to meet diverse business needs.
- Advanced Content Management with a dedicated mobile app and Samsung VXT for seamless remote control and optimised content display.
- Uses over 50% recycled plastics with 100% paper-based packaging, supporting eco-friendly business practices.

Core Engine

Igloo Core Engine is a software platform designed to power shared immersive spaces, enabling organisations to utilise these environments for visualisation, simulation, collaboration, and engagement.

- Offers both a simplified Canvas UI for everyday users and a more advanced Desktop UI for administrators, ensuring ease of operation for all.
- Automatically applies accurate, true-to-life perspectives to 3D models.
- Integrates out-of-the-box with various digital content and tools, including 3D, 360°, and XR content.
- Capable of powering any shared immersive space, regardless of size, shape, configuration, or display technology.

Unilumin Uslim III

The Unilumin Uslim III is a high-quality, ultra-thin LED display designed for seamless indoor installations, offering superior visuals and easy maintenance. It features a lightweight, durable design with advanced technology for efficient performance.

- Ultra-thin and lightweight with a sleek design for easy handling and installation.
- Seamless splicing enabled by high-precision panels ensure a smooth, gapless display.
- Front & rear maintenance provides convenient access for quick repairs and upgrades.
- High refresh rate & brightness delivers vibrant visuals for dynamic content.

Unilumin UTV SC 135 Pro

A new offering in Unilumin's UTV range, the UTV SC 135 Pro is an all-in-one 135-inch true MicroLED display that achieves 4K resolution utilising 0.7mm pixel pitch tiles.

- The Pro designation means the display will offer a better contrast ratio, brightness and colour reproduction.
- Users can splice screens together by removing the bezel and trim kit combining two screens to create a 32:9 display.
- Engineers can bypass the Android or Windows OS and go straight into the controller for any maintenance needs.

Unilumin UNatural

Utilising a patented micro-nano optical design, the Unatural features a textured finish based on COB & MIP products. Its surface treatment can mimic wood, marble, or stone, allowing for natural integration into spaces without affecting display performance.

- Natively integrated nano-optical film offers scratch-resistance and dust proofing
- Low reflectivity delivers clearer imagery in bright environments

Display Technology

Muxwave Holographic Invisible Screen

An innovative indoor LED display designed for transparent applications, offering high-definition visuals with a holographic effect. It's ideal for various settings, including retail windows, glass balustrades, commercial atriums, and glass curtain walls.

- Provides a clear, unobstructed view when not in use, seamlessly integrating into environments.
- Delivers sharp, vibrant images with high brightness and contrast ratios, ensuring visibility even in well-lit areas.
- Easy to install on various surfaces, including curved glass.
- Seamless splicing and customisation into different shapes makes it ideal for diverse creative displays.

SharpNEC MultiSync ME / M Series

The MultiSync ME / M AirServer models simplify wireless content sharing for collaborative spaces.

- Features native screen mirroring from multiple devices.
- Includes secure remote management via NEC NaviSet Administrator 2.
- Anti-reflective screens for readability in bright conditions.
- Robust design for 24/7 operation.

SharpNEC ePaper Displays

Providing a groundbreaking innovation in energy-efficient signage, SharpNEC ePaper offers a zero-power static content presentation solution.

- Full-colour visuals with paper-like quality.
- Ideal for POS, timetables, and promotional use.
- Supports content updates via CMS, USB, Wi-Fi, or Bluetooth.
- Reduces reflections and eliminates blue light
- Newer models such as the A0-size Sharp ePaper display also integrates solar power and battery storage, eliminating the need for cables.

Philips Signage 3000 Series EcoDesign

The Philips Signage 3000 Series EcoDesign QE-Line offers energy-efficient 4K UHD displays for versatile environments.

- Consumes 50% less power than comparable models.
- Sizes include 50", 55", and 65" with eco-friendly materials.
- Certified with EPEAT Silver Climate+ Ecolabel.
- Optimised for portrait and landscape orientation.

Leyard Planar CarbonLight CLI Flex

The Planar CarbonLight™ CLI Flex™ Series comprises of lightweight, bendable LED video wall displays designed to create smooth concave or convex curves, ideal for immersive and eye-catching installations. These pliable LED modules offer a more visually appealing alternative to faceting flat LED cabinets into segmented curves.

- Available in pixel pitches of 0.9, 1.3, 1.5, 1.9, 2.6, and 3.9mm.
- Suitable for hanging, wall-mounting, or free-standing installations.
- Front installation and service for easy maintenance.
- Compatible with rigid Planar CarbonLight CLI Series cabinets for versatile video wall designs.

ROE Visual x CECOCECO ArtMorph

CECOCECO's ArtMorph at ISE 2025, in collaboration with ROE Visual, showcases a 13-meter-wide installation blending sophisticated textures with advanced LED technology. The exhibit highlights the ability to integrate natural aesthetics with digital displays, creating a seamless fusion of art and technology. This innovative approach redefines spatial design by merging lighting effects, materials, and interactive visuals.
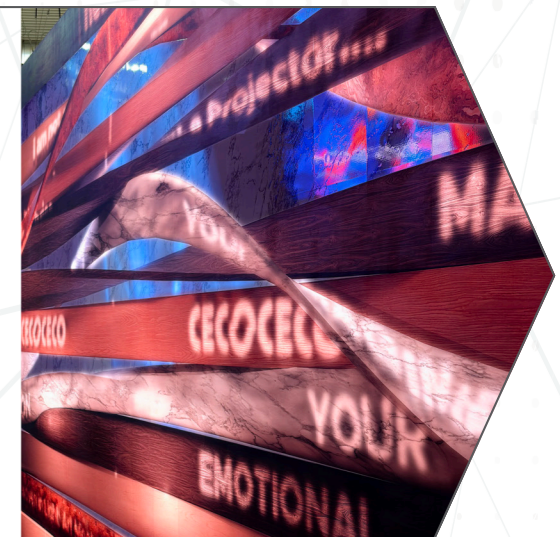
Display Technology

LG MAGNIT MircoLED Display Upgrades

The latest LG MAGNIT micro LED displays are optimised for professional environments seeking premium display performance.

- Enhanced installation flexibility with rear-access design allows easy adjustments of module spacing for seamless alignment.
- Energy Efficient with standby power consumption reduced by up to 98% compared to previous models.
- Improved compatibility with content controllers ensures vibrant, precise visuals.

Sony BZ-L Series BRAVIA Professional Displays

Professional 4K displays engineered for business environments, with outstanding usability and installation options.
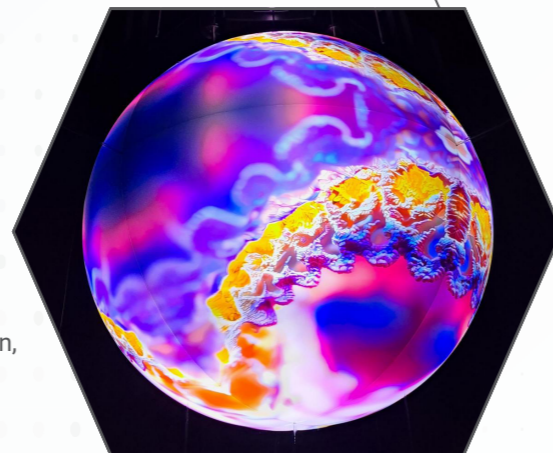
- Sizes range from 43 to 98 inches, featuring X1 and XR processors for vibrant visuals
- Deep Black Non-Glare technology and 24/7 operation
- Supports landscape, portrait, and tilt configurations
- Enhanced Pro Mode with customisation features

Epson EB-PQ2220B Projector

The Epson EB-PQ2220B is a compact, high-performance 4K laser projector with 20,000 lumens, that was showcased at ISE on a 6m-high mirrored eco-sphere. As the world's smallest and lightest projector in its class, it delivers vibrant colours, deep blacks, and lifelike images with 3-chip 3LCD technology.

- Reliable performance with a 20,000-hour laser light source with IP5X-rated dust resistance.
- Advanced image quality with Frame Interpolation, HDR support, and Adaptive Gamma Correction.
- Nine optional powered lenses and multiple connectivity options, including HDMI & 12G-SDI.

Display Mounting

Legrand AV Chief TiLED Series dvLED Wall Mounts

This universal modular system is the next genereation of TiLED dvLED Wall Mounts, compatible with a multitude of 27-inch panels regardless of manufacturer make or model. Its new floating button-capture technology and mounting hardware streamlines the specification, ordering and installation process.

Peerless-AV SEAMLESS Bespoke Curved Bolt-down dvLED Mount

On show at ISE was a bespoke custom curved dvLED from Peerless-AV which was an 8x6 display with a 5-degree curiature. Elements of the mount such as the plates were custom to ensure depth adjustment provided a perfect alignment to LED cabinets. This showpiece also used products from Peerless-AV's Kitted+ range that help create a seamless finish to the display. It demonstrated the flexbility of their Peerless-AV's industry leading and customisable solutions when it comes to video wall installations where mounting direct to walls is not an option.
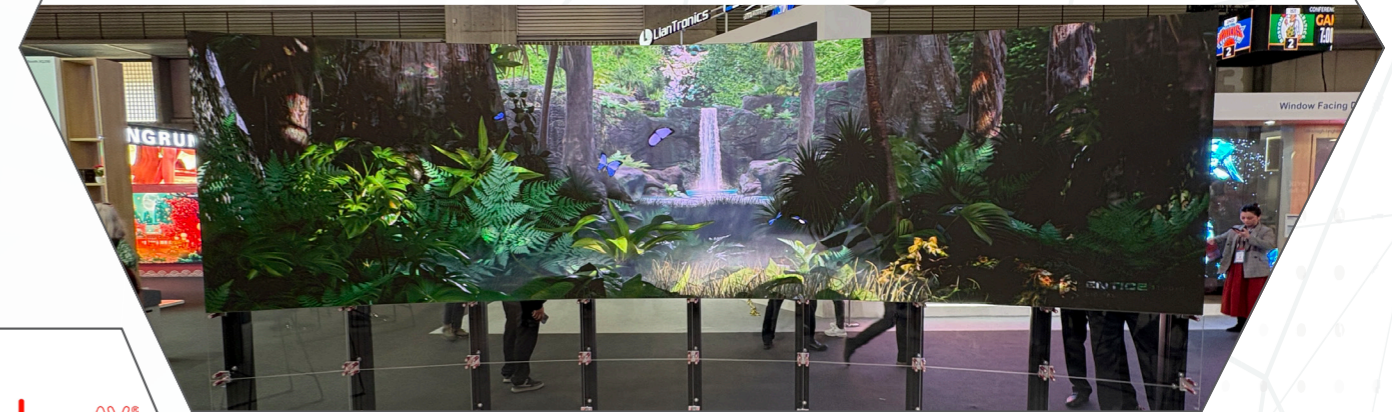
Peerless-AV Media Wall

Peerless-AV introduced a new Media Wall Unit at ISE 2025, combining a dvLED video wall mounting solution with built-in storage. It integrates with 4x4, 5x5, or 6x6 dvLED video tiles, featuring storage cupboards beneath the video display for AV racks, component mounts, and additional user items. The Media Wall Unit can be made with one of nine different finishes to ensure it compliments the office space it is being installed in. Additional customisation options include having a video or sound bar fitted and mounted underneath the main video display.
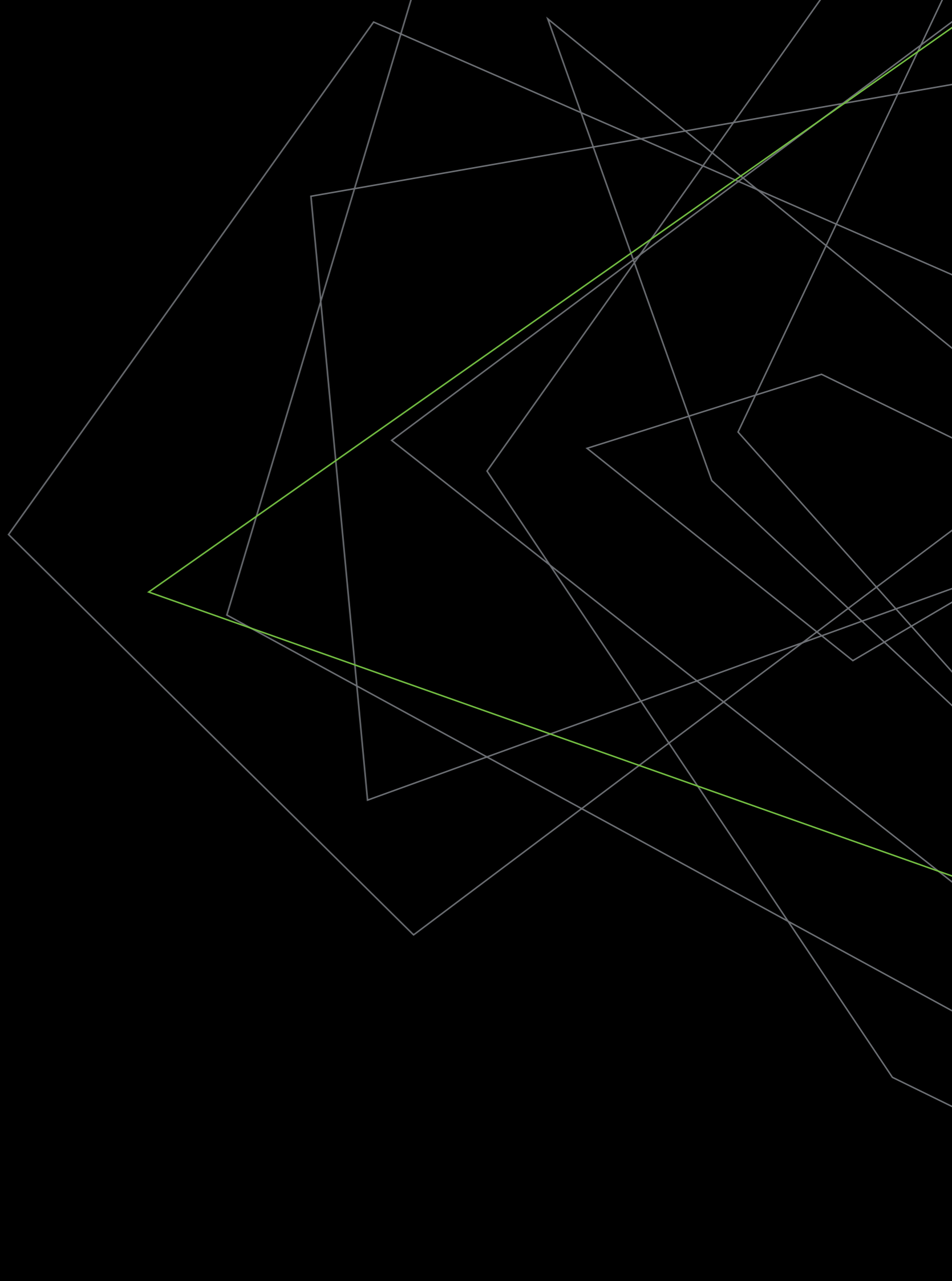
CONFERENCING & COLLABORATION

"*This year at ISE, we saw a full range of hybrid work solutions designed for seamless collaboration and enhanced experiences. Microsoft Teams introduced AI-powered features for more engaging meetings, while manufacturers showcased collaboration tools, videoconferencing systems, and room booking solutions for Webex by Cisco, Microsoft Teams, Google, and Zoom.*

There was a strong focus on automated framing and tracking for multicamera setups, along with large-format 21:9 screens, creating a more inclusive and immersive hybrid meeting experience."

Jon Maguire
Senior Business Manager

Conferencing & Collaboration

Automated VX Solution

Crestron's Automate VX is a voice-activated, multi-camera switching solution designed to enhance meetings, town halls, and classrooms by providing a studio-like experience without the need for manual intervention.

- AI-assisted framing with auto speaker tracking.
- Supports up to 12 cameras for dynamic coverage.
- Configurable via Intelligent Video Room Designer.
- Integrates with Microsoft Teams and Zoom Rooms.

Jabra Panacast 40 VBS

The latest addition to Jabra's enhanced Android lineup for small and medium rooms, the PanaCast 40 VBS delivers the premium features enjoyed in the PanaCast 50 VBS but in a smaller form factor. And with a smaller price tag to match. So you can get more from your small meeting spaces, for less.

- 180-degree field of view and intelligent AI stitching captures all participants. Even those as close as 40cm from the camera.
- Easy install and mount allow professional video calls to get started in minutes.
- Seamlessly integrates with leading platforms, easily managed via Jabra+, and made with over 50% recycled materials for durability and repairability.

AirMedia® Connect Endpoint

The latest AirMedia Connect Endpoint expands on the AirMedia Connect Adaptor, providing enhanced wired and wireless connectivity for seamless meeting experiences. Designed for simplicity and flexibility, it enables users to connect via USB-C, HDMI, or AirMedia applications without worrying about network complexities.

- Supports wired (USB-C, HDMI + USB-A) and wireless connections for hassle-free presentations.
- Small form factor makes it easy to install in podiums or under tables.
- Can be powered via PoE, DC, or USB-C for maximum convenience.
- Works with native presentation methods or an AirMedia Connect device for a seamless setup.

Q-SYS VisionSuite

Q-SYS VisionSuite is an AI-driven solution designed to enhance hybrid meeting or presentation experiences by improving the visibility and audibility of in-room participants for remote attendees.

- Utilises computer vision to automatically follow & frame presenters, providing natural camera direction.
- Employs in-room microphone data to detect active speakers & seamlessly switch camera views to keep focus on the current speaker.
- Enables automation of room elements, such as lighting and power, triggered by participants' movements, enhancing meeting experiences.

Crestron Videobar 70

The Crestron Videobar 70 is an all-in-one collaboration device designed to enhance hybrid meetings in medium to large rooms.

- Features four high-resolution cameras, including one wide-angle and three narrow field-of-view cameras, it offers features like group framing, speaker tracking, and picture-in-picture to ensure optimal participant visibility.
- 24 beamforming microphones that capture voices clearly and dual 10-watt stereo speakers that fill the room.
- Plug-and-play simplicity for quick setup making the room ready for meetings in no time.
- Compatible with conferencing platforms like Zoom Rooms and Microsoft Teams Rooms.

Shure's IntelliMix™ Room Kits

Shure's IntelliMix Room Kits are comprehensive Microsoft Teams Room systems designed for effortless deployment in meeting spaces of various sizes, offering premium audio and video performance with advanced security features.

- All key audio, video, compute, and touch panel components included for seamless interoperability
- Zero-touch provisioning allows automatic configuration of devices upon initial bootup, simplifying installation.
- IntelliMix Room software enhances speech clarity by eliminating background noise, echo, and reverb, ensuring every word is heard and transcribed accurately.
- AI-powered Huddly video cameras automatically adjust framing and optimise visuals to create an engaging, professional video conferencing experience.

Conferencing & Collaboration

D7X Android Edition

The DTEN D7X is an advanced all-in-one video conferencing solution with Microsoft Teams Rooms provided natively for seemless meeting experiences.

- 4K resolution touchscreen for sharp visuals and interactive presentations.
- 15-microphone array & high-fidelity speakers to ensure clear audio.
- Uses smart framing technology for every attendee, enhancing remote collaboration.
- Compatible with leading video conferencing platforms, offering a plug-and-play experience for users.

DTEN Bar

The DTEN Bar is an all-in-one video conferencing solution designed to enhance collaboration in small meeting spaces.

- Integrated 4K camera with a 120° field of view for comprehensive room coverage.
- Built-in microphone array and speakers to deliver clear audio.
- AI-powered enhancements to improve touch accuracy and user experience.
- Multiple mounting options, including wall and TV mounts, for flexible installation.
- Certified for Microsoft Teams and Zoom.

MAXHUB XBoard

Delivering Microsoft Teams Rooms to any space, the Xboard is an all-in-one Ultra HD interactive display designed to seamlessly adapt from open spaces to meeting rooms while balancing flexibility and cost.

- Combines video conferencing, whiteboarding and wireless sharing in one device.
- Features smart collaboration tools that support multi-user interaction, AI enhancements and cloud integration.
- Offers a streamlined meeting experience with full Microsoft Teams Rooms integration.

Yealink MVC S40

Optismised for small meeting spaces, the Yealink MVC S40 is a compact Microsoft Teams Rooms system optimised for collaborative workspaces.

- AI-powered 4K camera with intelligent face detection.
- Advanced audio technology with noise suppression.
- Integrated mini-PC for seamless video conferencing.

Yealink MeetingBoard

The Yealink MeetingBoard is an all-in-one Microsoft Teams Rooms solution that integrates a 65-inch 4K display, a 4K AI-powered camera, 16-microphone array, and built-in speakers for seamless collaboration.

- Whiteboard certified for both Microsoft Teams and Zoom.
- Deployable with either AndroidOS or WindowsOS.
- Available in 65 or 85-inch varities, expandable with a moveable floor stand to offer flexibility in deployment across meeting rooms and collaboration spaces.

Logitech Rally Board 65

The Rally Board 65 is an all-in-one video conferencing solution with a 65-inch touchscreen display.

- Combines intelligent audio and 4K video capabilities.
- Can be combined with trolley accessory for portable, flexible meetings, or flipped 180 degrees for a natural eye level meeting room solution.
- Create a "Digital Cocoon" for open spaces usiing unique Depth Blur effect.
- Use Camera Zone and Mic Zone functionality to keep focus on people and not nearby distractions.

Vizrt's Viz CaptureCast™

Vizrt's Viz CaptureCast is an IP-based lecture capture and streaming solution that uses NDI technology to record, stream, and publish content from classrooms and events. It integrates with platforms like Kaltura and Panopto, automating workflows for a seamless experience.

- Captures and streams multiple HD sources (up to 1080p at 60fps).
- Automates scheduling, metadata tagging, and content search.
- Offers a web-based interface for easy management.
- Supports up to six NDI|HX or eight NDI inputs.

Vizrt Tricaster

Vizrt's TriCaster range offers professional-grade, all-in-one live production systems designed for broadcasting, streaming, and video production. These systems provide powerful tools for switching, graphics, recording, and automation, catering to studios, events, and remote productions.

- Tricasters support NDI for seamless IP-based workflows.
- Includes multi-cam switching, virtual sets, real-time graphics and automation.
- The newly introduced Call Connect feature allows up to 9 callers from a Teams / Zoom call to be isolated and fed into individual live inputs on the Tricaster 1 Pro video mixer.

Cisco Room Kit EQX

The Cisco Room Kit EQX is a high-end video conferencing solution for medium to large spaces, featuring AI-powered speaker tracking, people framing, and noise removal. Designed for seamless collaboration and sustainability, it supports Cisco RoomOS and Microsoft Teams Rooms with a modular, easy-to-deploy build.

- Flexible mounting options for a clutter-free experience.
- Multi-platform support for hybrid work environments.
- Built with sustainable materials for long-term value.
- Scalable design for effortless management.

Sennheiser TeamConnect Bar

The Sennheiser TeamConnect Bar is an all-in-one video conferencing solution designed for small to mid-sized meeting spaces, offering seamless integration with major platforms and superior audio-visual performance.

- Deploy TeamConnect Bar S for small spaces and deploy TeamConnect Bar M for mid-sized spaces.
- 4K Ultra HD Camera with "Autoframing" and "Person Tiling".
- Simplified connectivity with Built-in DSP, single cable mode, and Power over Ethernet (PoE) reduce clutter and setup time.
- Compatible with Sennheiser Control Cockpit for managing presets, Exclusion Zones, and Priority Zones.

HP Poly Studio E360

The HP Poly Studio E360 is a 360-degree companion camera that enhances video conferencing with comprehensive room coverage and intelligent framing. It seamlessly integrates with Poly video solutions for immersive hybrid meetings.

- 360° Ultra-HD video with four 8MP cameras deliver 4K coverage with minimal distortion.
- Clear audio capture achieved with four MEMS microphones ensure crisp voice pickup.
- Smart framing capabilities with Poly DirectorAI automatically adjusts to highlight participants.
- Integrated privacy shutter for security when not in use.

HP Poly Studio V12

An all-in-one video conferencing solution designed to enhance hybrid meetings by offering a dynamic camera experience and advanced AI-driven features to ensure engaging and productive virtual interactions.

- Provides crystal-clear video with a comprehensive view of the entire room.
- Powerful speakers and an advanced multi-microphone array deliver clear audio.
- AI-driven framing modes keep the focus on active participants.
- AI Producer offers advanced functionalities such as Q&As, custom layouts, and overlays.
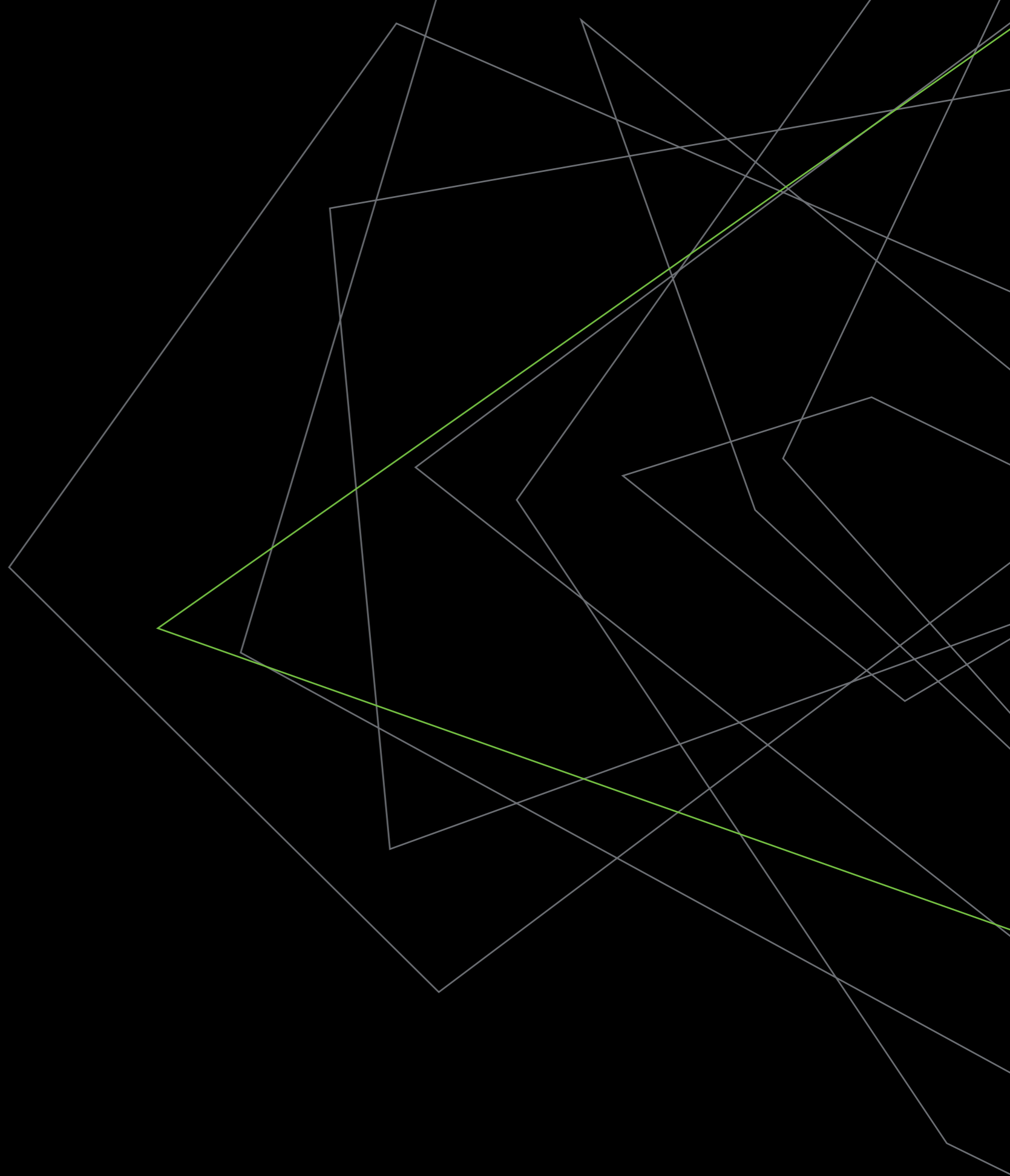
SWITCHING & DISTRIBUTION

> AVoIP continues to set the standard for professional AV distribution, offering unmatched flexibility, scalability, and performance. As technology advances, manufacturers are constantly refining what's possible—delivering higher resolutions, lower latency, and more streamlined integration over a single network cable.
>
> Meanwhile, video wall processing is evolving to match the ever-increasing pixel density of modern LED displays. With a growing demand for higher refresh rates, HDR support, and efficient hardware, the latest solutions are focusing on delivering more power in compact, space-saving designs—ensuring that even the most complex AV setups remain seamless and responsive.

Ryan Crawford-Emery
Technical Manager

Switching & Distribution

AMX SVSI N3300 Series

The AMX SVSI N3300 Series offers low-bandwidth 4K60 video streaming with enhanced interoperability for diverse AV environments.

- Supports H.26x and Dante AV-H codecs.
- USB 3.0 recording for external drives.
- Simultaneous output of primary and secondary streams.
- Built-in high-security network compatibility.

Netgear AV M4250 / M4350

The M4250 and M4350 Series from Netgear AV are purpose-built switches for professional AV-over-IP installations.

- Supports popular AV protocols like Dante, NDI, Q-SYS, NVX, and AVB.
- The M4250 is suited for mid-sized AV deployments, while the M4350 provides enterprise-grade switching.
- Rack-mountable, quiet fan designs with options for reverse mounting and front-facing ports for clean integration in AV environments.
- Advanced Network Features including IGMP Plus, Auto-LAG, and Layer 2/3 capabilities.
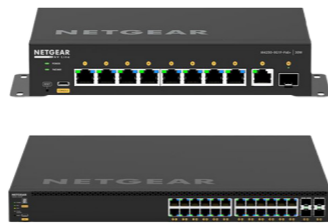
Crestron DM-NVX 384

The Crestron DM-NVX-384 delivers high-quality AV-over-IP encoding and decoding with low latency.

- Supports up to 5K video with HDR and HDCP 2.3.
- Built-in 4x1 input switcher (HDMI and USB-C).
- Includes video wall processing and AES67 audio routing.
- Suitable for digital signage and unified communicationsly.

CYP AVoIP Range

The CYP AVoIP solution range, including the latest IP-9000, provides scalable and high-performance AV-over-IP distribution for seamless signal transmission over standard networks. Designed for flexibility, it supports applications from video walls to multi-room setups with low-latency 4K UHD performance.

- Scalable and flexible to easily expand AV systems over IP networks.
- Delivers 4K UHD video with ultra-low latency.
- Ideal for corporate, education, hospitality, and digital signage.

Plexus AVoIP IPMX Distribution

PlexusAV offers a range of AV-over-IP distribution products that leverage the IPMX (Internet Protocol Media Experience) standard to provide high-quality, low-latency audio and video transmission over IP networks. Their flagship product, the P-AVN-4 IPMX Transceiver, exemplifies this commitment to performance and interoperability.

- Supports high-quality video and audio transmission over IP networks.
- Integrates seamlessly with existing AV infrastructures, enhancing current setups without requiring a complete system overhaul.
- The IPMX standard ensures compatibility & interoperability with a wide range of devices and systems.
- Provides flexibility and support of various network configurations.

Inogeni Toggle Rooms XT

New from Inogeni, the Toggle Rooms XT is a 4K switcher designed for large spaces, enabling seamless collaboration by automatically or manually switching up to six peripherals between three hosts. Both Bring Your Own Device (BYOD) and Bring Your Own Meeting (BYOM) scenarios are catered for, offering users flexibility for various meeting setups.

- Direct connection for five USB devices and one HDMI display, with flexible laptop connectivity via USB-C (100W) or USB-B and HDMI.
- Two-box system connected by a single Cat6A cable, providing uncompressed video signals over distances up to 70 meters.
- Compatible with products from Crestron, Logitech, Lenovo, Poly, MAXHUB and Jabra.
- Compatible with popular UC programs such as Microsoft Teams and Zoom.

Switching & Distribution

Kramer KDS-100

The Kramer KDS-100 is a high-performance AV-over-IP streaming solution designed for delivering 4K60 4:4:4 video with ultra-low latency over standard 1GbE networks. It offers scalable, secure, and flexible deployment options for professional AV environments.

- 4K60 4:4:4 video streaming delivers high-quality, ultra-low latency video over IP networks.
- Supports point-to-point, multi-point, and video wall configurations.
- Features AES encryption and secure device authentication for data protection.
- Includes centralised management for easy setup, monitoring, and control.

PZeeVee ZyPer4K

The ZyPer4K from ZeeVee is an AV-over-IP solution that delivers uncompressed, zero-latency 4K UHD video, audio, and control over standard 10Gb Ethernet networks. It's designed for high-performance applications, offering scalability and flexibility for a wide range of AV deployments.

- Uncompressed 4K UHD Video supporting 4K60 4:4:4 with zero latency
- Uses standard 10Gb Ethernet switches for easy scalability.
- Multiple signal support handling video, audio, RS-232, IR, and USB over the same network.
- Enable multi-screen video walls with simple configuration.
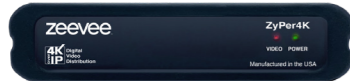
Superbooster® 4-Port USB over Cat6a Extender Kit

Legrand's Superbooser extends USB 3.2, 2.0, and 1.1 device connections up to 100m (328 ft) over a single Cat6a cable, supporting high-speed data transfer for conferencing cameras, interactive whiteboards, and remote storage.

- Supports USB 3.2 Gen 1 (5Gbps) with backwards compatibility to USB 2.0 and 1.1.
- Connects up to four USB devices via a single receiver.
- Includes RS-232 and FSYNC GPIO pass-through for industry camera integration.
- Bi-directional 24V Power over Cable (PoC) for flexible power management.and Zoom.

Lightware Taurus UCX-1x-1-C4 / Taurus Smart Dock

Debuting at ISE 2025, the Taurus Smart Dock, is Lightware's latest innovation in professional docking solutions. This device integrates USB-C connectivity with advanced control, monitoring, and room automation features, streamlining meeting room setups by allowing users to connect their devices via a single cable for audio, video, power, and control signals.

- Enhanced collaboration with simplified content sharing and host switching.
- Compatible with leading AV brands such as Cisco, Poly, Netgear, and Sennheiser.

Lightware Taurus TPN

The Taurus TPN by Lightware Visual Engineering is an advanced AV-over-IP solution tailored for large meeting rooms, boardrooms, and conference settings.

- Leveraging USB-C and SDVoE technology, it facilitates high-quality HDMI 2.0 4K60 4:4:4 matrix switching over 10G ethernet networks, extending up to 100 meters.
- Independent USB 2.0 matrix switching layer supports multiple devices, offering both automated and manual switching options for seamless video transitions.

Lindy 100m 4 Port USB 3.2 Gen 1 Cat.6A HDBaseT Extender

This HDBaseT Extender from Lindy is a high-performance device designed to extend USB signals up to 100m over a Cat6A cable, providing reliable connectivity for peripherals in remote setups.

- Multiple USB ports featuring eatures 4 USB 3.2 Gen 1 ports for connecting multiple devices.
- High-speed data transfer up to 5Gbps for fast and stable performance.
- Plug-and-play compatibility offers an easy set up with no additional drivers required.
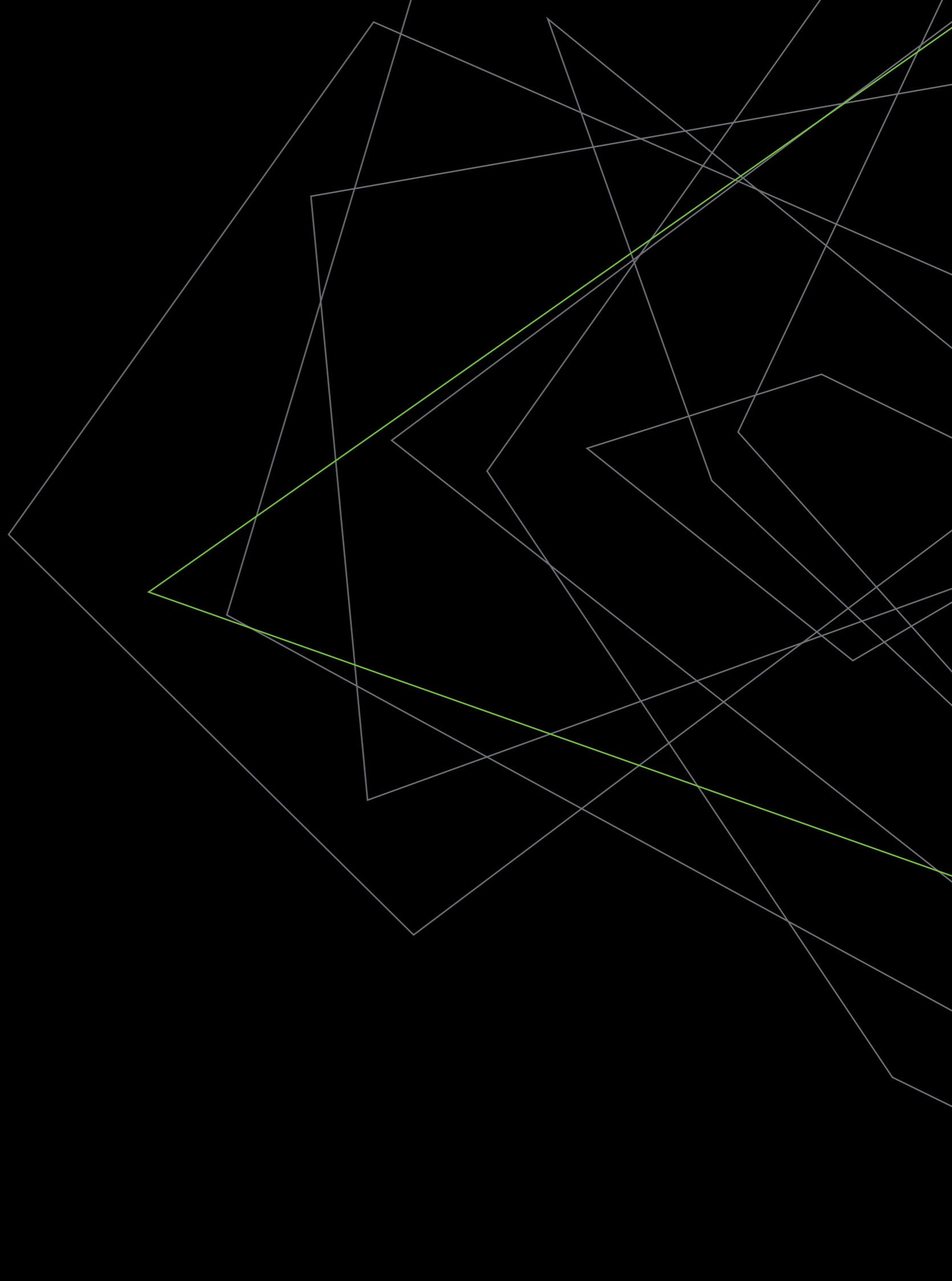
AUDIO

Shay McKenna
Technical Solutions Architect

" *Top manufacturers like Shure, Biamp, and Sennheiser showcased cutting-edge audio conferencing innovations at ISE this year; designed to enhance communication in professional settings. Advancements included next-generation audio solutions, beamforming technology, AI-integrated voice capture, and seamless UC platform certification.*

Off-the-shelf solutions enable easy integration, while all-in-one products, such as ceiling tiles with built-in microphones and speakers, offer discreet, high-performance audio without clutter. With a focus on clarity, precision, and seamless integration, these innovations reflect a growing trend toward high-quality, natural audio experiences that bridge the gap between virtual and face-to-face collaboration. "

Audio

Nureva Audiobars

Nureva's audiobar range, including the impressive HDL410 system, offers advanced audio conferencing solutions designed to provide full-room microphone pickup and clear sound in various meeting spaces.

- Microphone Mist technology fills the room with thousands of virtual microphones for consistent audio pickup.
- Echo and noise cancellation enhance clarity for remote and in-room participants.
- Easy installation and integration with existing conferencing platforms like Microsoft Teams and Zoom.
- Scalability and remote management allow IT teams to monitor and adjust settings via the cloud.

AUDAC Atellio series

The AUDAC Atellio series offers versatile networked audio solutions designed for seamless integration and high-quality sound distribution. These devices feature various input and output options, including XLR, 3.5 mm jack, Bluetooth, and USB Type-C, all transmitting audio over Dante/AES67 networks.

- Integrated DSP functions such as EQ and automatic gain control are configurable through the AUDAC Touch app.
- PoE compatibility ensures easy installation and power management.
- Elegant design with high-quality, fingerprint-resistant glass front panels.
- Available in black and white finishes to suit various architectural designs.

K-Array Dolomite Series

Setting a new standard in portable audio, the Dolomite Loudspeaker combines K-Array's Pure Array Technology with sleek, weather-resistant design. At 1 meter tall, it features built-in 10" subwoofers, twelve 2" drivers, and four 10" passive radiators for powerful, immersive sound.

- Delivers full-range audio in a sleek form.
- Twelve 2" drivers with built-in 10" subwoofers.
- Deep Bass Response enhanced by four 10" passive radiators.
- Weather-Resistant Build which makes it ideal for indoor and outdoor use.

Shure Microflex Wireless Next 4/8

Brand new advanced wireless microphone systems designed to enhance audio quality and flexibility in various meeting and classroom environments in 4 and 8-channel varities.

- IntelliMix digital signal processing (DSP) delivers automatic mixing, echo cancellation, & noise reduction.
- Comprehensive I/O connections, including USB, Dante networked audio, and analog audio.
- New gooseneck transmitters deliver up to 39 hours of battery life.
- AES-256 encryption to protect sensitive audio content, providing users with peace of mind.

Shure Microflex Loudspeakers

Four new passive models and a dedicated networked PoE amplifier in the Microflex lineup provide new flexibility and customisation in meeting room applications. These include:

- MXP-1 Mini Pendant Speaker
- MXP-3 Wall Mount Speaker
- MXP-5 Ceiling Mount Speaker
- MXP-6 Pendant Speaker
- MXN-AMP Amplifier

Shure SLX-D Quad Channel Receivers

The Shure SLX-D Wireless System delivers 24-bit digital audio with over 118 dB dynamic range for crystal-clear sound. It ensures stable RF performance and supports up to 32 systems per 44 MHz band. New for 2025, Shure has introduced the SLXD4Q+ and Dante-enabled SLXD4QDAN+, enhancing the SLX-D series with advanced features.

Crestron Flex Pods

Crestron Flex Pods are wireless tabletop audio solutions designed for seamless collaboration, providing high-quality sound with easy deployment. They integrate effortlessly with Crestron Flex systems, ensuring a flexible and scalable conferencing experience.

- No cables needed, enabling quick setup and mobility.
- Clear, full-duplex sound with advanced noise reduction.
- Works with Crestron Flex systems and major conferencing platforms.
- Scalable & expandable as multiple pods can be deployed for larger spaces.

Biamp Desono Loudspeakers

Biamp Desono Loudspeakers provide high-quality audio solutions for commercial environments.

- Includes ceiling, surface mount, pendant, and column models for flexible deployments.
- Desono P6 and P6-SM coaxial speakers feature switchable transformers.
- Desono IC6 is ideal for indoor or outdoor use with stylish designs.
- Ideal for conference rooms and retail spaces.

Biamp Crowd Mics

Enhance audience engagement with smartphone-based participation tools thanks to Biamp Crowd Mics

- Supports real-time speaking, Q&A, and polling.
- Includes a moderator app for session control.
- Connects easily with the ATOM device to room systems.
- Handles up to 1,000 attendees.

Catchbox Plus System

A versatile solution ideal for hybrid or live event, the Catchbox Plus System offers crisp, clear audio for in-room and remote participants with its variety of handheld, wearable and even throwable microphones.

- Deploy in environments like meeting rooms, classrooms and event spaces.
- Integrated DSP and automixing for superior audio.
- Features remote monitoring and Dante compatibility.
- Works well for audio amplification and recording.

Cisco Ceiling Mic Pro

The new Cisco ceiling microphone for Webex delivers crystal-clear audio for meeting spaces, ensuring optimal voice pickup and seamless integration with Webex devices. Designed for modern collaboration, it provides a clutter-free setup with intelligent audio features for an enhanced meeting experience.

- Captures voices clearly with beamforming technology including 64 microphone elements.
- Optimised for Cisco Webex Rooms and devices.
- Filters out background noise for focused conversations.

Sennhesier TeamConnect Ceiling Medium Ceiling Tile

The new variant of the TeamConnect Ceiling Medium solution presents the all-in-one ceiling-mounted conferencing solution in a tile form for discreet integration.

- Integrated microphone array & loudspeaker for all-in-one audio performance.
- Beamforming technology ensures precise voice capture and clarity.
- Discreet ceiling-mounted design blends seamlessly into any space.
- Certified for major UC platforms for effortless integration.
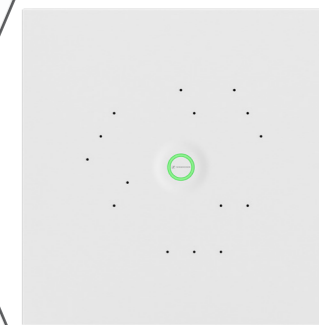
Sennheiser EW-DX

The Sennheiser EW-DX range is a scalable and secure UHF digital wireless microphone system, designed for professional audio in education and corporate environments, featuring AES-256 encryption, low latency (1.9ms), and network-enabled control via Sennheiser Control Cockpit and third-party software. The EW-DX EM 2 / 4 Dante receivers offer 2-channel (half-rack) or 4-channel (full-rack) configurations with Dante® audio networking, equidistant channel spacing, PoE support, and flexible network modes, making them ideal for large-scale, high-density installations.

Model shown is EW-DX EM 4

JBL COL Slim Column Loudspeakers

The JBL COL Slim Column Loudspeakers, including the COL600 and COL800, deliver targeted sound dispersion with a built-in 10-degree down-tilt for clear audio. Their sleek, award-nominated design integrates effortlessly into modern spaces.

- Optimised Sound with wide horizontal and focused vertical coverage.
- Slim profile designs let the products blends into any environment.
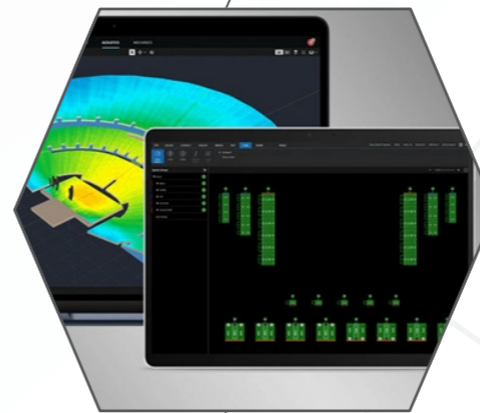- Ideal for conference rooms, retail, and transit hubs.

JBL Venue Synthesis

JBL Venue Synthesis is a cutting-edge 3D acoustic simulation software for precise JBL sound system design and validation. It offers advanced tools for acoustic mapping, delay optimisation, and safety compliance.

- Comprehensive system design that supports acoustic mapping, delay tuning, and headroom analysis.
- Real-Time Safety & Performance Alerts help ensure compliance and optimal system function.

SMART BUILDINGS & REMOTE MONITORING

"*At ISE2025, they continued with a vision of the future where artificial intelligence, the Internet of Things, and cloud technologies seamlessly collaborate to create smarter, more sustainable, and efficient buildings. The ongoing advancements in digital twins, 5G-enabled systems, and predictive analytics are playing a pivotal role in shaping the evolution of smart buildings and remote management practices.*

As the industry progresses, encouraging collaboration between technology providers and facility managers will be crucial to unlocking the full potential of these transformative technologies. Every year I see the engagement of all parties increase, and I firmly believe that the progression and integration for many fully collaborative smart buildings are on the rise. "

Graham Saunders
Senior Technical Manager

Smart Buildings & Remote Monitoring

Evoko Kleeo

Evoko Kleeo introduces advanced desk management capabilities to streamline workspace utilisation.

- Allows bookings, extensions, and end-of-use on the device.
- Features a "Do Not Disturb" focus mode.
- Compatible with RFID and USB power.
- Connects to corporate networks via WiFi.

GREEN ROOM

Free for 2 hours

EVOKO

GoBright Interact

The GoBright Interact is a compact, interactive hardware device designed to streamline desk and room booking processes in modern workplaces.

- Instantly displays desk and meeting room availability, helping users find and book spaces efficiently.
- Equipped with a user-friendly touch interface, facilitating quick bookings, check-ins, and check-outs without the need for additional devices.
- Integrates smoothly with existing calendaring systems and the GoBright platform, ensuring synchronized scheduling and occupancy data.
- Supports features like personal desk settings and occupancy data collection, contributing to a more personalised and efficient workplace environment.

Room AB001   11:00 AM
Occupied > 15:00
Tess Parker
Menu

Samsung SmartThings Pro

SmartThings Pro is Samsung's advanced B2B platform, offering AI-driven automation for improved operational efficiency in connected business environments. It transforms traditional management systems with intelligent controls and secure connectivity.

- Converts 2D floor plans into 3D interactive views for intuitive space management.
- Adjusts settings like power, brightness, and volume automatically based on ambient conditions.
- Effortlessly transitions between content streams and input sources for streamlined operations.
- Features CryptoCore, a FIPS 140-3-certified encryption module, ensuring secure IoT connections.

AMX Varia

The AMX Varia Touch Panels are professional-grade interfaces tailored for various environments with pre-loaded personas.

- Personas include Web Kiosk, Zoom Rooms Controller, and AMX Book.
- Customisable user interface for flexibility.
- Compatible with AMX control systems.
- Ideal for corporate, educational, and government use.

Sony TEOS

Comprehensive suite of tools for efficient workplace management.

- TEOS Manage: Centralises device, signage, and content control.
- TEOS Room Control: Customisable meeting room interface.
- TEOS Connect: Wireless content sharing to BRAVIA displays.
- TEOS Signage and Book: Simplifies desk/room bookings and interactive communication.

Opera Meeting Room

THE FUTURE OF AV

The Future of AV: Innovations, Challenges, and What Comes Next

RICHARD BROOKES
Managing Director

Every year, ISE showcases the latest innovations in AV, offering a glimpse into where our industry is heading. ISE 2025 was no different, presenting new technologies that promise to reshape workplaces, entertainment venues, education spaces, and beyond. However, as much as these advancements excite us, the real challenge is bridging the gap between innovation and practical implementation—ensuring that businesses can deploy these solutions in ways that deliver real value.

At proAV, we sit at the intersection of technology and business needs, and while the industry is evolving at an unprecedented pace, we recognise that adoption isn't always straightforward. Below are some of the biggest trends we saw at ISE 2025—along with the opportunities and challenges they bring.

AV-over-IP: The Future of AV Infrastructure

For the last several years, AV-over-IP has become the default method for distributing audio visual content. The shift away from dedicated AV signal distribution has already happened, and today, nearly all AV deployments operate on network-based infrastructure. The real challenge isn't in adopting AV-over-IP—it's in ensuring that IT networks are designed to handle the surge in bandwidth demand, ultra-low latency requirements, and the increasing expectation for seamless AV performance.

As AV systems require faster transmission speeds, networks must keep up. Low-latency delivery is critical, particularly in live environments where even a fraction of a second's delay can disrupt the experience. Achieving this level of performance means reducing compression and conversion processes while ensuring that network architecture is capable of delivering AV signals with minimal delay.

Security is also an important consideration in AV-over-IP deployments, but advancements in device authentication are making integration with IT networks far smoother. Many modern AV devices now support 802.1x authentication, allowing them to conform to enterprise security standards without issue. However, since not all AV devices support this protocol, working closely with IT teams remains crucial. proAV commands a collaborative approach to agree on an acceptable deployment method, which may involve MAC Address Bypass (MAB) for devices that lack full 802.1x compatibility.

The transition to AV-over-IP has already happened. What matters now is how organisations optimise their network infrastructure to support AV at scale, balancing performance, security, and long-term adaptability. A strong collaborative relationship between the client, the AV and IT teams is essential to ensuring that every device is accounted for, every security protocol is met, and AV solutions continue to deliver the seamless experiences businesses expect.

AI-Driven AV: A New Era for Managed Services?

AI's role in AV is growing, but the most immediate impact is in predictive maintenance and remote management. AI-driven monitoring tools can detect potential issues before they cause failures, ensuring AV systems remain operational without unexpected downtime. This is particularly valuable for enterprise and mission-critical environments, where even a small disruption can have significant consequences.

However, businesses are still adjusting to the idea of AI-driven AV. Many organisations are accustomed to reactive maintenance models, where problems are only addressed after they arise. Shifting to an AI-powered proactive model requires a new mindset, but the benefits are undeniable: fewer disruptions, reduced operational costs, and better overall system performance.

As the industry moves forward, the question isn't whether AI will be a part of AV—it's how quickly businesses will embrace it. For integrators like proAV, this presents an opportunity to help organisations redefine how they manage AV ecosystems, using our proActiV platform to deliver smarter, more resilient solutions.

Hybrid Work: The Gaps That Still Need to Be Closed

Despite years of advancements, hybrid work solutions are still evolving—and many organisations are still struggling to make their meeting spaces work seamlessly for both in-person and remote participants.

At ISE 2025, we saw further developments in AI-driven cameras, automated room scheduling, and interoperability between platforms like Teams and Zoom. These technologies are meant to make hybrid meetings more seamless, but the reality is that many businesses still face user adoption challenges and compatibility issues between different systems.

The industry needs to move beyond just providing the technology—the focus should be on ensuring usability and long-term adoption. That means offering training, support, and ongoing optimisation to make sure employees are using hybrid work tools effectively. Technology alone isn't the solution—it's how it's implemented that makes the difference.

Sustainability in AV: More Than a Buzzword?

Sustainability is gaining traction in AV, but the industry still has a long way to go. Many manufacturers are prioritising energy-efficient technology, recyclable materials, and longer product lifespans, but true sustainability requires an industry-wide commitment to better lifecycle management and circular economy principles.

One of the biggest challenges is cost—many sustainable AV solutions come with a higher price tag, which makes adoption slower. However, as corporate ESG mandates continue to grow, we expect to see more pressure on manufacturers and integrators to provide greener solutions.

For AV buyers, sustainability is starting to influence procurement decisions, but often cost and performance still take priority. That said, forward-thinking organisations are looking at long-term energy savings and reduced environmental impact as a critical factor in their AV strategy. At proAV, we believe that sustainability must be more than a marketing point—it should be a fundamental part of how we design and deliver AV solutions.

Immersive AV: The Rise of Experiential Spaces

One of the most exciting shifts in AV is the rise of immersive experiences, where AV technology is used to create dynamic, interactive environments. We're seeing more clients explore high-resolution LED walls, extended reality (XR), and spatial audio to transform corporate lobbies, retail stores, and training spaces.

However, as immersive AV adoption grows, so do the challenges. High costs, content creation bottlenecks, and uncertain ROI mean that many businesses are still hesitant to invest. It's not enough to install the latest interactive displays—the real question is how to create engaging, high-quality content that justifies the investment.

For industries like retail, corporate branding, and higher education, immersive AV has huge potential, but success depends on long-term strategy and execution. As technology improves and costs come down, we'll likely see wider adoption in the coming years.

Final Thoughts: What Comes Next?

As we reflect on the trends shaping AV in 2025, one thing is clear: innovation alone isn't enough. The industry must focus on real-world implementation, ensuring that businesses can adopt and integrate these technologies effectively. At proAV, we see our role as more than just an integrator—we're here to help our clients navigate these changes, balancing innovation with practicality.

Whether it's AI-driven managed services, hybrid work solutions, immersive AV, or sustainability initiatives, the future of AV is about more than just technology—it's about making it work for businesses.

ISE 2025 gave us a glimpse into what's possible. Now, it's time to turn those possibilities into real-world solutions.

Contact

General Sales

sales@proav.com

+44 1784 487 000

proAV®

www.proav.com