

VOL.24 ISSUE 12  
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# systems integrationasia

AUDIO | VISUAL | CONTROL | COLLABORATION | UNIFIED COMMS

# 2025

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Not an Obligation

### INTERVIEW

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Bridging Hardware, Software,  
Streams, and Screens

### INSTALLATION

Immersion Redefined - How  
Epson's 3LCD Projectors Brought  
the Singapore Flyer's Time  
Capsule to Life

# A Deeper PoE Experience



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*We would spend a lot of time finding out the most robust but, in the meantime, cost-effective platforms that we can build the application upon for now but also give us the resource for future expansion. Staying connected to customers is also the key so we understand what pace we shall keep to best coordinate all kinds of resources.”*

**Amy Zhou, Sales Director, Magewell**



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To read more go to Interview on page **36**

# From the Publisher

Thomas Richard Prakasam  
Publisher/Editorial Director  
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As we wrap up our final issue of the year, we take a step back to offer a perspective on 2025 through four key elements that have shaped the industry in Asia: Acquisitions, AV-over-IP, Artificial Intelligence and the rise of “Make-in-India” solutions. These forces will undoubtedly continue to influence the market as we move into 2026. In this issue’s Voicebox column, Marc A. Rémond, Founder and Executive Partner of Strategic Pathways, makes a compelling argument for organisations to rethink their ‘Return to Office’ mandates. He notes that the knee-jerk reaction of enforcing attendance rules, monitoring badge swipes and filling seats ultimately misses the point. In Marc’s view, this approach fails because it is a tactical response to a strategic problem – it overlooks the fundamental question: Why aren’t employees coming back? It’s an insightful read you won’t want to miss. We also spotlight how Epson projectors played a key role in reimagining the Singapore Flyer’s Time Capsule experience – an immersive pre-flight journey that traces Singapore’s transformation from a humble fishing village to a global city.

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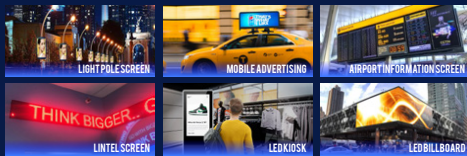
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# Express Content Delivery Any Screen, Anywhere

Cloud-Powered Media Players for Digital Signage

DIGIBIRD



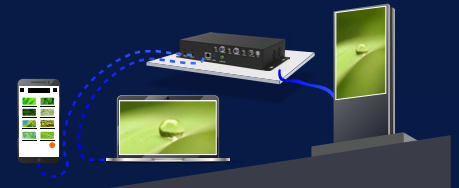
## Content Deliver for Both LED and LCD

AP series integrates media player and LED sending controller, can deliver content to both LED and LCD displays for versatile applications.



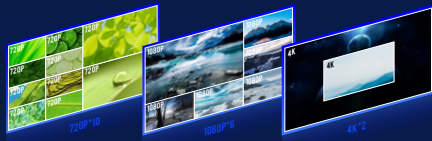
## Diverse Media Components

Incorporate various components (images, video, documents, webpages, text) into playlists, significantly enriching your playlist content.



## Multiple Play Mode

Supports HDMI direct mirror mode and built-in playback mode. The two play modes can be switched on demand.



## Flexible Content Layout

Supports customized screen layout settings, flexible configuration and synchronous playback of multimedia contents of different types and resolution.



## Powerful Performance

Optimizing memory usage, ensuring file quality, and improving content playback experience.



## Multi-Screen Synchronization

Contents can be published to multiple screens, supporting NTP, GPS timing, and RF synchronization to ensure signal synchronization.

Item	AP10	AP11	AC112	AP21	AP41	AP2K	AP4K
Loading Capacity	0.65m Pixels	0.65m Pixels	0.91m Pixels	1.3m Pixels	2.3m Pixels	2.07m Pixels	8.8m Pixels
Max Width & Height	Width 1,920 Height 1,920	Width 1,920 Height 1,920	Width 1,920 Height 1,920	Width 4,096 Height 4,096	Width 4,096 Height 4,096	Width 1,920 Height 1,920	Width 4,096 Height 4,096
Storage (RAM+ROM)	1GB+32GB	1GB+32GB	1GB+32GB	1GB+32GB	1GB+32GB	1GB+32GB	2GB+32GB
USB (USB3.0)	128GB	128GB	128GB	128GB	128GB	128GB	128GB
USB Playback	Support	Support	Support	Support	Support	Support	Support
Decoding Capacity	2K	2K	2K	4K	4K	2K	4K
Layers	1x1080P/ 2x720P/ 4x480P/ 4x360P/	1x1080P/ 2x720P/ 4x480P/ 4x360P/	1x1080P/ 2x720P/ 4x480P/ 4x360P/	1x4K/ 2x1080P/ 4x720P/ 4x480P/ 8x360P/	1x4K/ 2x1080P/ 4x720P/ 4x480P/ 8x360P/	1x1080P/ 2x720P/ 4x480P/ 4x360P/	2x 4K/ 6x1080P/ 10x 720P/ 16x 360P/

# The Office as a Destination, Not an Obligation

*Why the 'Return to Office' mandate is a product failure, and how leaders must now earn the commute*

by Marc A. Rémond



The “Return to Office” debate is over. The winner is flexibility.

But this victory has left a massive problem in its wake: thousands of square meters of empty,

expensive office space. The knee-jerk reaction for many leaders is to enforce mandates, track badge swipes, and fill seats.

This, in a word, fails. It’s a tactical response to a strategic failure. It misunderstands the fundamental question: Why aren’t employees coming back?

The answer is simple: the value proposition of the office is broken. Employees have proven they can be productive at home. Why would they endure a 90-minute commute only to find the internet is slower than their home fiber, the video conferencing experience is inferior to their professional home setup, and their quiet focus time is destroyed by open-office disruptions?

## The New Critical Failure: The AI Productivity Gap

This friction is now compounded by a new, critical failure: The AI Productivity Gap.

At home, employees use powerful, intuitive AI tools to write, code, and automate tasks. At the office, they often face restrictive firewalls,

blocked access, or clunky, inferior “enterprise” alternatives. This doesn’t just frustrate employees; it forces them into “Shadow AI,” using personal, unsanctioned tools to get their work done. This creates a massive productivity paradox and a critical security and data-privacy risk for the entire organization.

The office can no longer be just a place to work. It must be a central hub for high-impact, high-purpose activity. That means it must provide access to the best tools. This is where we must shift our thinking. We must “earn the commute” and create “The Office as a Destination”.

## The New Playbook: Earning the Commute

An “Office as a Destination” offers experiences employees genuinely cannot replicate at home. This isn’t about free coffee; it’s about superior technology, intentional collaboration, and curated cultural experiences. Leading companies are already implementing this playbook:

- **Microsoft (US)** is reimagining its campus as a network of “Team Neighbourhoods.” They are solving the hybrid meeting equity problem and ensuring their offices are the secure, integrated hub for their enterprise-grade AI, Copilot, ensuring employees have better AI at work than at home.

- **Derwent (UK)**, a London-based developer, is shifting from “space provider” to “lifestyle

curator.” Their new office lounges are designed like private members’ clubs, focusing on high-end design, hospitality, and a premium “lifestyle” experience.

- **SAP (Singapore)**, through their “Pledge to Flex” initiative, transformed their office into a fully “activity-based workspace.” Employees choose their setting based on their task, from soundproof, high-tech “quiet rooms” for deep focus to dynamic lounge areas for brainstorming.

## The Strategic Pivot: From Discipline Problem to Product Failure

This shift represents a massive strategic pivot. An empty office isn’t a “discipline problem”; it’s a *product failure*, pure and simple. To fix it, the C-Suite must align stakeholders who have historically operated in silos.

**For Human Resources:** You are now the “Chief Experience Officer.” Your job is to program the “destination” with in-person events, Learning & Development workshops, and wellness initiatives that make the office a vibrant hub for growth.

**For Facilities/CRE Teams:** You are no longer in the “square footage” business; you’re in the hospitality business. Your mandate is to create a dynamic ecosystem of “activity zones” such as war rooms, libraries, cafes, and wellness nooks.

**For Tech Teams:** The technology can’t just “work.” It must be seamlessly superior. Your mandate has expanded: you are in a race against Shadow AI. If your US\$50,000 meeting room is worse than a US\$250 webcam plus headphone combo for home office, or your enterprise AI is weaker than a free public tool, you have failed. Your mandate is to invest in:

- **Enterprise-Grade AI:** Provide secure, powerful, integrated AI tools that are better and safer than consumer versions.

- **Equitable Meeting Tech:** AI-powered cameras, spatial audio, and smart boards.

- **Zero-Friction Rooms:** One-touch-to-join, BYOM option, intuitive room booking, and rock-solid connectivity.

- **AI-Enabled Innovation Hubs:** VR/AR labs and data visualization studios.

**For System Integrators:** This is your moment. You are no longer just “connecting phones” or “hanging screens.” You are the **Architects of the Intelligent Workplace**. Your new role is to connect the physical space (CRE), the digital tools (CIO), and the human experience (CHRO), ensuring the company’s AI strategy is tangible, accessible, and secure in every single workspace.

## Stop Counting, Start Creating

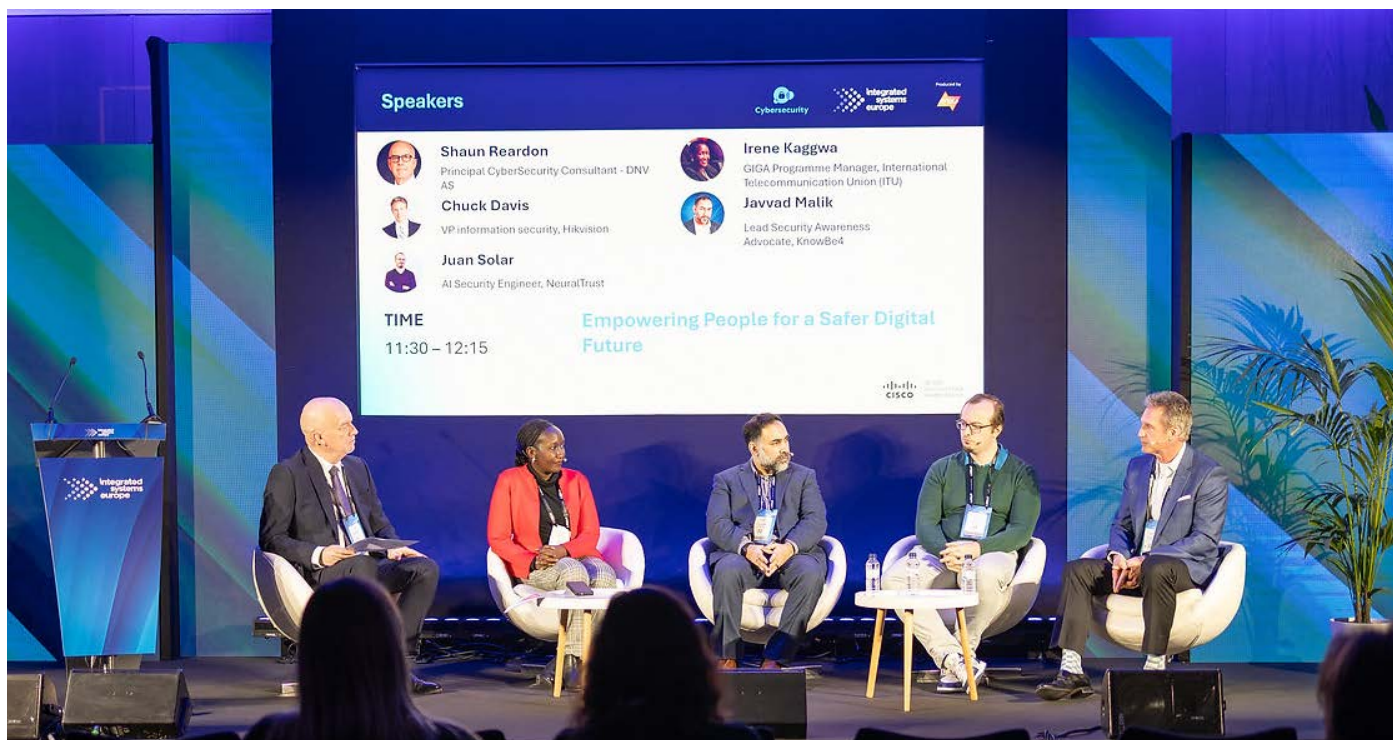
The office isn’t dead, but the office as an obligation, a 9-to-5 mandate, is gone for good. The future is the “Office as a Destination.” It is a place of intention, a hub for collaboration, and a secure centre for the superior technology, especially AI, that truly earns the commute. It’s time for leaders to stop counting badges and start creating experiences.

*About the Author*

Marc A. Rémond is the Founder and Executive Partner of Strategic Pathways, an advisory firm that helps technology companies navigate the complexities of the Asia-Pacific market. A 25-year veteran of the tech industry and former president of Kramer Asia Pacific, he is a leading strategist on AI transformation, AV/IT convergence, and the “Intelligent Workplace” framework. He advises C-suite leaders on enterprise-wide AI adoption and provides high-performance sales enablement for technology integrators and manufacturers.



# ISE 2026 Launches Inaugural CyberSecurity Summit to Confront Urgent Industry Threats



**GLOBAL:** Integrated Systems Europe's (ISE) CyberSecurity Summit is the major new addition to its 2026 content programme. Scheduled for Thursday, 5 February 2026, the Summit will tackle the escalating cybersecurity challenges confronting the professional AV and systems integration industries, as digital threats increasingly impact critical infrastructure, smart buildings, venues, and public services.

The announcement comes during European Cybersecurity Awareness Month, a continent-wide initiative coordinated by ENISA and the European Commission to promote safer digital practices across businesses, institutions, and individuals. With cybercrime surging across Europe and globally, the timing of ISE's new Summit couldn't be more relevant.

**Cybersecurity: A Business-Critical Priority for AV**  
As AV systems become increasingly networked and embedded in enterprise, public sector, and venue environments, they are directly exposed to the same vulnerabilities as traditional IT infrastructure. From control rooms and conferencing platforms to digital signage, smart buildings, and event venues, AV solutions are now high-value targets for ransomware, data breaches, social engineering, and denial-of-service attacks. At ISE's CyberSecurity Summit, AV professionals will learn about safeguarding critical systems, navigate evolving regulations like NIS2 and ISO 27001, and transform cybersecurity from a vulnerability into a strategic advantage, before it's too late.

"Cybersecurity is no longer a technical afterthought; it's a business-critical factor,"



said Mike Blackman, Managing Director of Integrated Systems Events. “For AV manufacturers, integrators, and technology users, it’s essential for accessing public tenders, ensuring regulatory compliance, and building long-term trust with clients.”

Summit Chair Pere Ferrer i Sastre, former Director General of the Catalan Police (Mossos d’Esquadra) with extensive experience in public security, digital transformation, regulatory frameworks, and critical infrastructure management, will facilitate discussions addressing emerging digital threats to the AV and systems integration sectors.

He explained: “Cybersecurity is no longer optional; it lies at the heart of every AV innovation. ISE’s CyberSecurity Summit brings together the brightest minds in our industry to confront today’s digital threats head-on and turn them into strategic advantages. By sharing actionable insights, proven strategies, and real-world experience, we will empower AV professionals to protect critical systems, lead with confidence, and build a safer, smarter future for the entire industry.”

The CyberSecurity Summit at ISE 2026 will unite AV and cybersecurity leaders to tackle the most pressing challenges facing connected

AV systems in critical infrastructure, smart buildings, and corporate environments. Opening with Pere Ferrer, the Summit features keynotes from Shaun Reardon (DNV Cyber) on building cyber resilience, Timo Kosig and Andrew Dowsett (Barco Control Rooms) on secure operations, and Pedro Pablo Pérez (TRC) on protecting corporate communications. Roundtables with Laura Caballero (Cybersecurity Agency of Catalonia), Folly Farrel (TÜV SÜD), and Sergi Carmona (Veolia España) will explore compliance, governance, and best practices for securing critical AV environments.

### ***Cybersecurity: A Strategic Imperative for AV***

The Summit is part of ISE 2026’s overarching theme, Push Beyond, which challenges the global AV and systems integration community to redefine what’s possible. By introducing the CyberSecurity Summit, ISE is pushing beyond traditional boundaries to address one of the most urgent and complex issues facing the industry today.

### ***Don’t Miss Your Chance to Be Part of What’s Next***

Registration for ISE 2026 is now open, so take your place among the visionaries, trailblazers, and creative minds from every corner of the globe. Whether you’re an AV integrator, manufacturer, IT manager, or facilities director, the CyberSecurity Summit offers essential knowledge and networking opportunities to help you navigate the evolving threat landscape. It’s a chance to learn from leading voices in cybersecurity and discover how to protect your business, your clients, and your reputation.

Reserve your spot at the event where tomorrow’s innovations are unveiled. Register [here](#) to Push Beyond.

**ISE**

# Bose Professional and Universal Procurement Systems Impress with Dynamic Product Showcase



**SINGAPORE:** In October, AV consultants, system integrators, and end-users from across Singapore gathered to experience the latest innovations from Bose Professional. Organised in collaboration with Bose Professional's distributor, **Universal Procurement Systems (UPS)** the showcase offered attendees an exclusive opportunity to experience the brand's newest solutions firsthand.

Among the highlights were the ShowTime SK12 full-range passive loudspeaker (launched in April), the Veritas series of smart mixer amplifiers (May), and the Forum series multipurpose loudspeakers alongside the DesignMax Luna All-in-One Pendant Loudspeaker System (both launched in June).

"This is the first time the industry in Singapore has had the chance to listen to all these solutions since their release," said Hui Ming Tan, Manager for SEA Distribution, Bose Professional.

The **ShowTime SK12** combines exceptional performance with everyday reliability, purpose-tuned for KTV applications. Its transducer and waveguide design deliver clear, high-SPL sound through a factory-optimised crossover, enhancing vocal richness and clarity while preserving the singer's natural tone.

The **Veritas Smart Mixer Amplifier Series** features four models — the compact Veritas 1100BH and 250BL, and the more powerful 2160BH and 2160BL. Designed for simplicity and flexibility, Veritas amplifiers offer high-



fidelity sound, intuitive OLED controls, and Bluetooth 5.0 connectivity for greater range, lower latency, and more reliable streaming. Each model includes a rear ControlCenter port for easy integration with optional wall controllers, as well as discreet mounting accessories for versatile installations.

**The Forum Series** available in 8-inch and 12-inch coaxial models, is engineered for compact yet powerful performance. The Forum FC108 and FC112 deliver up to 132 dB max SPL, while the Beamwidth Matching Waveguide ensures consistent tonal balance across coverage areas. Both models employ a fully tuned passive crossover for excellent out-of-the-box performance.

Rounding out the lineup was the **DesignMax Luna All-in-One Pendant Loudspeaker System**, which features eight 2-inch high-frequency drivers in a proprietary ring-array with an integrated 8-inch woofer. Delivering powerful sound down to 40 Hz with 360° balanced coverage, Luna is ideal for large spaces requiring fewer loudspeakers without compromising quality.

Reflecting on the event's success, **Christian Liebenberg** from UPS shared, "It was a great opportunity to demonstrate Bose Professional's latest solutions and engage the industry in meaningful discussions about future deployments."

**Bose Professional**

## The Easiest Way to Bring 4K Signals into Software

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Our USB Capture family is well-known as the easiest and most reliable way to bring AV signals into software. The new **USB Capture 4K Pro** models extend these benefits to 4K video at 60fps. Visit [www.magewell.com/capture/usb-capture](http://www.magewell.com/capture/usb-capture) to learn more.

# Outline Partners with AVE to Strengthen Australian Presence



(L-R) Thomas Burge, Fernando Rey Méndez, Archie Kamakaris, Rob Szabo, Afnan Rahman and Zac Barrett

**A**USTRALIA: Outline has announced the appointment of **Audio Visual Engineering (AVE)** as its new exclusive distributor for Australia. With more than two decades of experience in the professional sound and lighting industry, AVE has established itself as one of the country's most respected names, combining technical expertise with a nationwide support network.

Founded in the early 2000s, AVE began as a manufacturer, a background that provided the company with a hands-on understanding of audio engineering and product quality. "That experience continues to drive our mission to source and wholesale products that deliver exceptional value for money," explained Robert Szabo, Owner/Director of AVE. "We've grown into a trusted name by being relentless in finding high-quality, reliable, and accessible gear for our professional clients."

"AVE's team immediately stood out for their deep technical insight and genuine passion for sound," commented Fernando Rey Méndez, Sales & Marketing Director at Outline. "They understand the difference between moving boxes and delivering an engineered solution – exactly the mindset that built Outline's reputation worldwide. We're confident that with AVE, Australian professionals will experience what truly sets Outline apart."

With offices in Brisbane, Melbourne, Sydney, and Perth and representatives across all states, AVE's national footprint provides fast, local support and demonstration facilities throughout Australia. "In a country as vast as ours, that local presence is vital," added Szabo. "It allows us to be a true partner rather than just a supplier."

Beyond distribution, AVE's engineering team offers comprehensive technical support for Outline users, including customised sound system design and acoustic modelling. "We don't just move boxes; we provide complete project support," continued Rob. "Our expertise ensures clients achieve perfect coverage and superior audio quality for any application, maximising the value of their Outline investment."

The company's decision to partner with Outline came after a striking first-hand experience with the brand's systems. "The impact was immediate and undeniable, especially in the low end," recalled Szabo. "We heard a rig with just four double 18-inch subwoofers, and our team genuinely searched for four additional hidden subs – that's how much sheer power and efficiency they delivered. That overwhelming

demonstration of quality, combined with a remarkable performance-to-value ratio, made partnering with Outline an easy one.”

Looking ahead, AVE believes that Outline is positioned to make a significant impact across the Australian market. “Outline fills a crucial gap by delivering uncompromising quality with tangible value,” concluded Rob. “From high-

end bars and clubs to large-scale performance venues and stadiums, these systems are perfectly suited for every application. Based on the initial reaction of our engineers, we’re confident that Outline will quickly become a preferred choice among Australian audio professionals.”

[Outline](#)

## Kramer Appoints Jesse Gadon as President of EMEA



**EMEA:** Kramer is pleased to announce the appointment of Jesse Gadon as President of the EMEA region, effective October 1, 2025. Jesse will also

join Kramer’s Global Management Team.

With over a decade of experience at Kramer, Jesse has held senior roles across multiple disciplines and geographies. For the past three and a half years, Jesse has served as Vice President of North America Sales, where he played a central role in strengthening Kramer’s presence and performance across the region. His appointment as President, EMEA marks a continued evolution in his journey with Kramer and reflects the company’s commitment to building regional leadership from within.

“I’m confident that Jesse’s leadership, strategic mindset, and deep understanding of Kramer’s global business will further elevate our operations and growth in EMEA,” said Gilad Yron, CEO of Kramer. “This appointment strengthens our customer-focused approach and positions us well for continued expansion.”

Jesse will lead the EMEA region alongside Aviva Rykower, who will continue as Vice President of Sales, EMEA, with expanded responsibilities across additional geographies and business areas. Together, Jesse and Aviva bring complementary leadership and market expertise, reinforcing Kramer’s mission to deliver cutting-edge AV solutions and meaningful customer value across the region.

The company also extends its appreciation to Brooke Ellingworth for her contributions over the past year. Brooke co-led the EMEA region during a period of renewed stability and growth, and her impact has helped lay the foundation for this next phase.

Kramer’s evolving regional leadership structure is aligned with its global strategy to scale operations and deepen customer engagement, ensuring agile, responsive, and regionally empowered teams around the world.

Jesse will be attending ISE, Barcelona, in Hall 3 D500 of the Fira Exhibition Center in February. Kramer has been present at ISE since its 2004 inception in Geneva, and Jesse and his team look forward to welcoming you.

[Kramer](#)



# Barco Adopts NVIDIA to Bring Real-Time AI to the OR



*Medical device management over IP with Barco Nexxis.*

**GLOBAL:** Barco plans to integrate the newly launched NVIDIA IGX Thor robotics processor into its medical solutions portfolio. More specifically, Barco will integrate the NVIDIA IGX Thor platform into NexxisCompute, Barco's platform that enables AI and advanced processing applications at the edge in high-stakes environments, such as operating rooms and interventional radiology labs. By adopting IGX Thor, Barco continues its commitment to driving innovation and reliability at the edge, empowering customers with unprecedented AI performance and advanced safety features.

## ***NexxisCompute Enables Multi-Application AI at the Medical Edge***

NexxisCompute is engineered to remove hardware complexity for application developers by providing a seamless, ready-to-use foundation that eliminates the need

for managing diverse and evolving hardware requirements. As a platform, NexxisCompute is capable of running multiple AI applications concurrently, allowing hospitals and healthcare providers to deploy and orchestrate a variety of advanced tools without being locked into a single vendor or workflow. On top of that, the integration of advanced Quality Assurance features ensures that Barco's medical edge AI solutions maintain the highest standards of accuracy and compliance, contributing to reliability in critical healthcare environments.

## ***8x Performance Leap Powers Next-Generation Healthcare AI***

The integration of cutting-edge technology like NVIDIA IGX Thor further strengthens Barco's ability to deliver on this vision, enabling even greater flexibility, scalability, and performance for a rapidly evolving ecosystem of medical AI solutions.

The NVIDIA IGX Thor platform combines integrated (iGPU) and discrete (dGPU) NVIDIA Blackwell GPUs, delivering an impressive 5,581 FP4 teraflops of AI compute and high-speed 400 GbE connectivity. IGX Thor enables up to 8x greater AI compute on iGPUs and 2.5x higher AI compute on dGPUs compared to previous generations, with twice the connectivity. These capabilities allow Barco to seamlessly run large language models and vision language models, powering the next generation of edge AI applications in demanding healthcare environments.

In this way, IGX Thor will support Barco in its vision to become the most complete and performant edge AI platform for integrated operating rooms.

### ***Built for reliability in critical environments***

Barco will leverage the industrial-grade

durability of the IGX Thor platform, featuring a 10-year lifecycle and robust support for the NVIDIA AI software stack, including NVIDIA AI Enterprise, NIM microservices, and Holoscan for sensor processing.

"By embracing NVIDIA IGX Thor, Barco is taking a bold step forward in delivering high-performance, reliable, and safe AI solutions at the medical edge. This collaboration with NVIDIA allows us to accelerate the development and roll-out of our edge AI solutions and to support our customers in their adoption of AI-based applications," Johan Fornier, Executive Vice President of Barco's Surgical & Modality business unit.

**Barco**



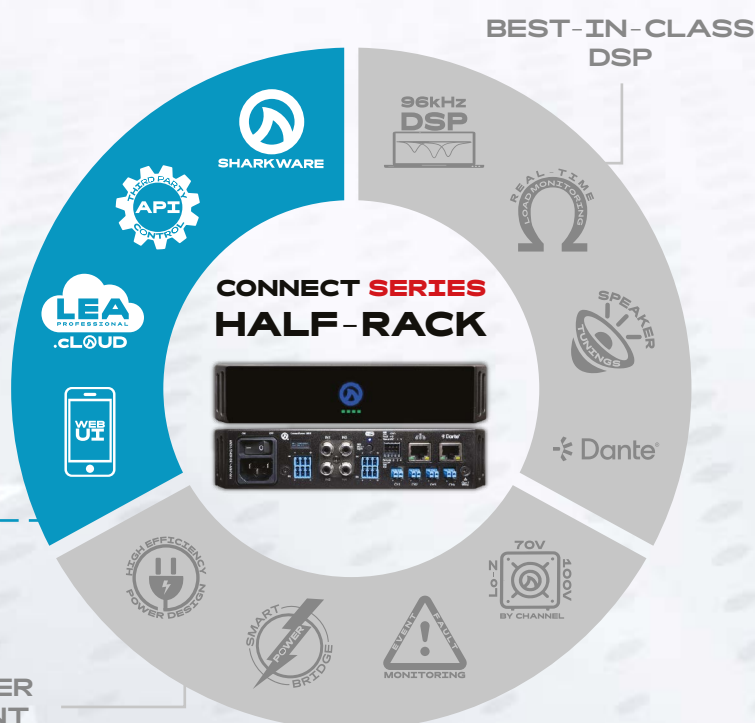
## Why Choose Intelligent IT Solutions?



**Joe Hazelwood**  
Founder



“LEA Half-Rack amps are a game changer for hospitality—ideal for small venues and multi-zone spaces like private dining rooms or entryways. They save rack space, keep project costs in check, and integrate seamlessly with LEA's WebUI, SharkWare, and open control API. Bonus feature: mic input selection on every channel! ”



Learn More



SMART POWER  
MANAGEMENT

# Powersoft Strengthens Global Marketing and Technical Teams



Alessandro Bizzarri (left) and Sofian Osman (right)

**SEA:** Powersoft has announced two new appointments that reinforce its commitment to global growth and partner support. Alessandro Bizzarri joins the company as marketing communications specialist, while Sofian Osman takes on the role of solutions engineer for South East Asia. Together, they bring extensive expertise in marketing, systems integration and technical support to further strengthen Powersoft's global presence.

With more than a decade of experience in the professional audio and musical instrument industries, Bizzarri initially entered the industry as a sound engineer in the distributor sector, before embarking on a decade-long career across editorial and marketing roles.

He began as an editorial contributor to a leading Italian B2B magazine on AV technologies and system integration before later serving as channel marketing specialist for a major Italian distributor of professional audio

solutions and musical instruments, where he helped implement joint marketing plans with distributed brands across the dealer network. Alongside his professional career, Bizzarri lectures at Roma Tre University, sharing his industry insights with the next generation of music educators.

Commenting on his appointment, Bizzarri said: "In the professional audio industry, Powersoft is a true top-of-mind brand when it comes to performance and reliability in amplification. My professional goal in recent years has been to transition from the distributor side to the manufacturer side".

Having worked on the distributor side for years, Bizzarri says he realises how important it is to listen to local needs and provide consistent support. At Powersoft, he views his role as a bridge, helping distributors, partners, and clients worldwide to succeed by providing them with the tools, campaigns and brand consistency they need to strengthen their presence in each market.

"Joining the marketing team of such a global leader is very exciting. The best possible opportunity, the real and most exciting challenge, for me, is making the transition from supporting a local distributor to contributing to the growth of an international player," he added. Complementing this appointment, Osman joins Powersoft as solutions engineer for Southeast Asia, bringing over 15 years of experience in the AV and video conferencing industry.

His career spans hands-on technical roles, project and field engineering, and large-scale



system integrations across the corporate, education and government sectors. Prior to joining Powersoft, he served as commissioning agent/AV field engineer at AVI-SPL Singapore, specialising in system deployment, client training and technical coordination.

Osman explains his motivation for joining Powersoft: "What excites me most about joining Powersoft is its commitment to innovation through sustainability and intelligence in sound. The company's vision – to deliver energy-efficient, networked amplification with uncompromising audio quality – perfectly matches my passion for intelligent system design and future-ready AV integration".

"To me, Powersoft represents precision, reliability, and Italian engineering at its finest. It's a brand trusted by professionals who

care about both sound quality and system intelligence. The opportunity lies in educating and enabling the market – especially among system integrators and consultants – to appreciate how Powersoft's ecosystem, from Mezzo to Unica, integrates seamlessly into modern AV frameworks," he added.

As part of his role, Osman plans to lead technical enablement initiatives in Southeast Asia that focus on proactive partnership and transparency, including training programmes, proof-of-concept demonstrations and system design consultations. His priorities include expanding Powersoft's presence across the corporate, hospitality and education sectors, while building a strong network of technically confident and empowered partners.

**Powersoft**

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# Barco ClickShare Deepens Partner Ecosystem



**GLOBAL:** Barco is expanding its strategic ClickShare partnerships with **Sennheiser**, **Logitech** and **Huddly**. These long-standing partners have been selected for their critical role in the development of certified room system bundles built around the **ClickShare Hub** launched in June 2025. Together, they strengthen the ClickShare ecosystem and enable Barco to deliver fully integrated, high-performance meeting room solutions.

This marks an important step in Barco's strategy to bring the ClickShare experience into every meeting room: from BYOD to room system, from huddle spaces to large meeting rooms. ClickShare has established the leading position in the wireless Bring Your Own Device (BYOD) market and is now expanding its portfolio into room systems. ClickShare Hub is the company's first room system device, built on the Microsoft Device Ecosystem Platform (MDEP), which provides a future-ready foundation and paves the way for certification. To support this evolution, Barco is working closely with trusted partners who bring deep expertise in audio and video and who share

a commitment to quality, interoperability, and user-centric design. Each partner adds unique value to the ecosystem. Their combined strengths allow Barco to offer modular, high-performance bundles that meet the needs of modern meeting spaces.

- Sennheiser contributes its renowned audio expertise with video bars that include Dante

connectivity, a professional audio-over-IP technology that simplifies installation and enables flexible audio distribution.

- Logitech brings a proven track record in meeting room peripherals, with high-quality video and audio solutions that are easy to deploy and scale.

- Huddly delivers scalable, AI-powered audio-video solutions that grow from small to large rooms with seamless multi-camera expansion. Its modular hardware and upgradable software make deployment, use, and scaling easy. "These partnerships are a vital part of our certification journey," said Jan van Houtte, Executive Vice President, Meeting Experience at Barco. "We have built strong relationships with each of these partners over the years, and their expertise is essential as we expand the ClickShare portfolio into room systems. Together, we are creating a robust and interoperable ecosystem that enables customers to deploy certified, future-ready meeting room technology with confidence."

**Barco**

# SMART Technologies Unveils Its First 'Make in India' Solutions Designed for Education at DIDAC 2025

**INDIA:** SMART Technologies launches its first-ever SMART 'Make in India' interactive flat panels, flagship solutions designed for education, at DIDAC. During an exclusive media briefing held on Thursday, 20th November 2025, at The Lalit, New Delhi, the company made the announcement signalling a significant milestone in the company's global strategy, strengthening its commitment to the Government of India's 'Make in India' and 'Digital Education' missions.

The event brought together senior leaders from SMART's international headquarters, educators, AV/IT partners, and media representatives for a high-impact launch and live product showcase. Attendees explored the new India-manufactured interactive display first-hand, featuring superior energy efficiency, enhanced annotation with SMART Ink, and streamlined teaching experiences through Lumio's AI capabilities, SMART's innovative learning platform. During the briefing, SMART also outlined its India-focused roadmap centred on strengthening local support for schools, universities, and corporate learning environments.

Reflecting on the significance of the launch, Toke Tangkjaer, Chief Revenue Officer (CRO), SMART Technologies, said, "This is a proud moment for us at SMART. Bringing manufacturing to India enables us to deliver our world-class technology to more deserving classrooms. The response we've had at DIDAC 2025 affirms the need for solutions that truly support teaching and learning."

Anshul Srivastav, Country Head, India, SMART Technologies, added, "Our India-made solutions



truly represent our dedication to empowering educators and learners across the country. By localising manufacturing and tailoring our solutions to the needs of Indian classrooms, we are investing in both educational outcomes and India's EdTech market."

The event featured a detailed AV presentation showcasing SMART's product ecosystem, including SMART Board GX Plus, Lumio's AI Assist, and the company's customer-centric support framework. Attendees were able to experience the India-made solution first-hand and understand how the new features support real classroom needs, educator workflows, and long-term digital learning outcomes.

The company's manufacturing operations for the Indian market are located in Andhra Pradesh, forming the foundation of its long-term investment in local production and education-focused technology solutions.

With strong interest from institutional buyers and partners at DIDAC 2025, SMART Technologies has set the groundwork for its next phase of growth in the country through locally manufactured solutions, educator-informed innovation, and a long-term vision for India's digital learning future.

**SMART Technologies**



# SDVoE Alliance and NETGEAR Join Forces to Build Resources for the Future of AV-over-IP



**GLOBAL:** The SDVoE Alliance, a nonprofit consortium of technology providers collaborating to standardise the adoption of Ethernet to transport AV signals in professional AV environments, has announced a partnership with NETGEAR to bring the SDVoE Academy to the NETGEAR Academy.

The SDVoE Alliance's collaboration with NETGEAR, a steering member of the Alliance, enables audiovisual professionals to seamlessly access SDVoE training through NETGEAR Academy and NETGEAR's networking education through SDVoE Academy.

The mission of the SDVoE Academy is to establish a trusted resource for AV professionals, including designers, integrators, salespeople and end-users, to leverage the latest AV signal management technology. In doing so, the SDVoE Alliance launched a free online learning platform, SDVoE Academy. SDVoE Academy is a self-paced online course offering two professional certification programs, SDVoE Certified Design Partner and SDVoE Certified Developer. The Academy has attracted more than 6,000 students and delivered more than 120 courses in video technology, network basics, and system design.

SDVoE Academy and NETGEAR Academy will jointly develop training content designed to upskill the audiovisual community. By aligning expertise in AV-over-IP protocols and network infrastructure, the two organisations are creating a stronger foundation for the future

of audiovisual. Together, they aim to foster an interconnected learning ecosystem where audiovisual professionals can acquire both theoretical and practical skills that enable the success of modern AV-over-IP deployments.

"Education is the way to empower both our industry and society at large," said Stephane Tremblay, President of the SDVoE Alliance. "When knowledge is accessible, people can innovate, solve problems, and create lasting impact. By offering this education freely, we're breaking down barriers and ensuring that no professional is left behind in the shift toward IP-based solutions."

Through this partnership, SDVoE Alliance and NETGEAR are merging their platforms to deliver a richer learning experience, empowering participants to master both the principles and the practice of AV-over-IP. The ultimate aim is to build confidence, expand skill sets and strengthen the professional community.

"Education only matters if it changes outcomes in the field. By uniting SDVoE Academy with NETGEAR Academy, we're giving integrators and IT teams the practical skills to configure multicast, apply AV profiles, and design resilient networks—so AV-over-IP projects deploy faster, with fewer risks and better results," said Gus Marcondes, Global Training Manager for NETGEAR.

Industry professionals can now access SDVoE Academy courses directly via NETGEAR Academy and NETGEAR Academy training via SDVoE Academy. Both platforms are free to join. Click [here](#) to learn more about The NETGEAR Academy.

[SDVoE Academy](#)

# RCF Middle East Hub Opens in Dubai



**M**IDDLE EAST: RCF has strengthened its presence in the Middle East with the opening of a new regional office, reinforcing the company's long-term commitment to supporting its customers and partners. Located in Dubai, United Arab Emirates, this strategic expansion enhances proximity to the market and strengthens relationships with distributors, rental companies, integrators, and consultants.

To lead this initiative, Yannik Dahms has been appointed Middle East Technical Business Developer for RCF and TT+ AUDIO. Yannik brings extensive experience as an Application Engineer at RCF France. With a solid background as an instructor and system designer, Yannik will now play a key role in enabling RCF technologies throughout the region, providing field support and overseeing team coordination for all related activities.

Fully operational since November 2025, the new Middle East office serves as a technical and educational hub, supporting regional partners and fostering the adoption of RCF and TT+ AUDIO solutions in both touring and installed

sound markets. Sales will continue to be managed via RCF's official distributors in each country.

Luca Ombrati, Middle East Sales Coordinator, commented: "The new space further demonstrates our commitment to the region. RCF and TT+ AUDIO represent the pinnacle of premium audio engineering, combining decades of research with cutting-edge technologies. Our team and distributors will continue to ensure that customers benefit from best-in-class products, locally available and tailored for their applications."

Yannik Dahms added, "I'm honoured to take this next step with such a great team and a strong partner network. We're eager to contribute to the entertainment and cultural landscape in an impactful and sustainable way. I can't wait to bring the knowledge and experience of our RCF Engineering Support Group to this growing region as we deepen our over 75-year legacy."

This milestone marks a significant chapter in RCF's global growth strategy, bringing the company even closer to its customers and reinforcing its mission to deliver precision sound worldwide.

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**RCF**

# ISLE 2026 to Unveil the Next Wave in Display & AV Innovation



**CHINA:** ISLE 2026, Asia's largest Smart Display and Integrated System trade event, is set to take place at the **Shenzhen World Exhibition & Convention Centre in China from 5-7 March.**

ISLE 2026 will showcase innovations from brands such as Leyard, Absen, Unilumin, LEDman, AOTO, LianTronics, BOE, Skyworth, Hikvision and Hisense, with an expected footprint of 90,000 m<sup>2</sup> exhibition area, over 1,000 exhibitors, and 200,000+ professional visitors from more than 100 countries. ISLE is set to redefine industry standards and drive global innovation, solidifying its position as a premier global showcase.

## ***Drive Technological Breakthroughs, Unlock Scenario Potential***

Thousands of new products and solutions will be put on stage in ISLE 2026, showcasing the latest breakthroughs and diverse application scenarios in display and AV integration technology.

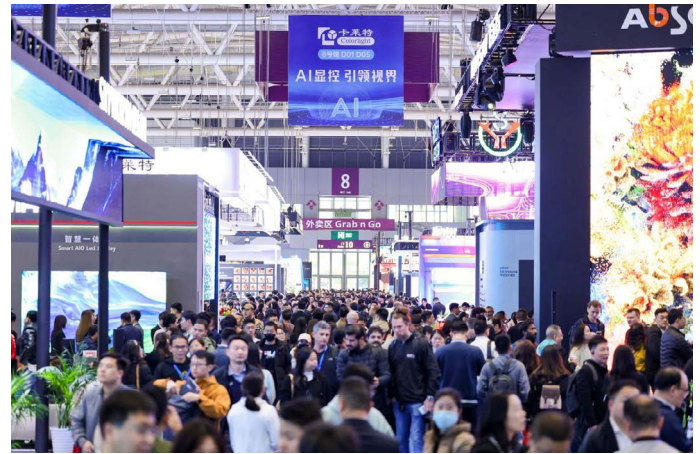
At ISLE 2026, core display technologies like advanced Micro/Mini LED, eco-friendly solutions, and AI-driven interactivity will serve as the driving force. The exhibitors will demonstrate their transformative applications across fields like smart cities, immersive entertainment, digital commerce, cultural tourism, education, security, etc.

## ***Visit One-stop Sourcing Platform***

As a three-day event, ISLE 2026 is to address complete industrial chain in display & integrated system, including UHD, XR, 3D display, 5G Smart applications, conferencing and streaming, live events, screen display technology, audio-visual integrated system, LED & digital signage from more than 1,000 brands, creating an immersive sensory feast and allowing visitors to experience multifaceted scenario-based solutions.

Located next to the Shenzhen Airport and within a 30 minute drive to most of China's major LED factories, ISLE 2026 will bring global buyers





to countless products, easy factory research, and networking opportunities at the one-stop platform.

### **Empower New Quality Productive Forces**

ISLE 2026 will serve as a global platform for the latest advancements that are shaping the next generation of the display and AV integration industry.

AI-driven solutions will once again be highlighted in the event, which are elevating functionality and enriching user experiences across a diverse range of applications—from smart meeting and immersive home theatres to dynamic commercial displays.

Energy-efficient products such as low-carbon large screens and photovoltaic-storage AV systems will be exhibited. These technologies not only reduce energy costs but also enhance performance and extend product lifespans.

Mini/Micro LED breakthrough take centre stage, with specialized zones showcasing the entire industrial chain—from materials and chips to end-use products—speeding the commercialization of Micro-LED technology.

### **Where Art Meets Technology**

ISLE 2026 will highlight the powerful fusion of art and technology through a premier showcase co-sponsored by the organiser and Glosline, to create an immersive 2500+ m<sup>2</sup> live stage show,



bringing together top brands to integrate LED screens, stage lighting, and surround sound to a dynamic light-art space.

### **Forums for the Future**

ISLE 2026 will host over 20 forums in collaboration with multiple industry associations, focusing on trending topics including Mini/Micro LED display technology, digital intelligence, smart cities, smart offices, and new energy vehicles display. These sessions will provide the industry with extensive forward-looking forecasts and policy analysis, promoting industry-academia-research collaboration and accelerating technology adoption in the display and system integration sectors.

Whether you are a technology provider, system integrator, or end-user from diverse sectors, ISLE 2026 will offer unparalleled opportunities to discover innovations, forge partnerships, and shape the future of audio-visual technology. Click [here](#) for ISLE 2026 registration.

### **ISLE 2026**

# Unilumin Leaps from “Display Hardware Supplier” to “AI Intelligent Service Application Provider”



**C**HINA: Unilumin Group's 21st Anniversary AI Forum and New Products Launch Event was held grandly at Daya Bay Intelligent Manufacturing Base. Over 400 partners, including Unilumin's global ecosystem

partners, investors, and media representatives, gathered to discuss the path to industrialising AI and witness the latest achievements and breakthroughs in Unilumin's LED+AI strategy.

Tiger Lin, Chairman of Unilumin Group, stated in his speech that 2025 is a critical year for the accelerated implementation of AI, with the resonance of policies, technology, and ecology driving artificial intelligence to fully integrate into public life. Facing the AI era, Unilumin will focus on two directions: “industry-specific vertical model customisation” and “AI application”, enabling large screens to think

and serve, evolving from information carriers to intelligent interactive gateways. Unilumin looks forward to collaborating with global partners to jointly advance AI solutions into thousands of industries, reshaping the terminal value of the Metasight industry.

At the event, Unilumin officially signed and reached cooperation agreements with Zhipu and YMATE, and the three parties jointly invested in establishing Shenzhen Intelligent Display Robot Co., Ltd.

The new company will build an innovative ecological system in the AI intelligent terminal field through technical collaboration, providing end-to-end support from industry-specific vertical model training to software and hardware integration to promote the “display embodiment” implementation of AI in governance, education, conferences, cultural tourism, and other scenarios, aiding the intelligent upgrade of the Metasight industry. The establishment of the joint venture company signifies a strategic transformation

of the LED display industry from “hardware competition” to “ecosystem competition”. Through deep technological coupling and precise scenario implementation, the three parties are redefining the value boundaries of large screens, driving them to become core infrastructure in the digital economy era. As the “display embodiment” trend accelerates, this cooperation model is expected to spur disruptive innovation in more vertical fields, setting a new benchmark for the industry’s intelligent upgrade.

By strategically leaping from a mere “display hardware supplier” to an “AI intelligent service application provider”, Unilumin hopes to join hands with partners to leverage AI to help businesses achieve leapfrog development and provide smarter AI solutions for various industries.

**Unilumin**

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## QSC Appoints SAMASOUND INC. as Exclusive Q-SYS Distributor



**SOUTH KOREA:** QSC Asia Ltd. continues to strengthen its presence in South Korea with a focused distribution strategy. Effective since November 1, 2025, **SAMASOUND Inc.** was appointed as the exclusive distributor of the **Q-SYS portfolio** in South Korea.

“By appointing SAMASOUND Inc. as our exclusive distributor, customers in South Korea will benefit from a unified distribution experience. Their nationwide coverage enhances the support available to our customers, from technical assistance to after-sales service and training,” said Duncan Savage, VP & GM of Q-SYS APAC. “This comprehensive approach ensures that our customers have

streamlined access to the Q-SYS Full Stack AV Platform that meets all their audio, video, and control needs, and reflects our ongoing commitment to expanding our market presence within the APAC region.”

“We’re committed to delivering solutions that truly reflect the needs of our customers,” concluded Kei Nishio, President of SAMASOUND Inc. “As our relationship with Q-SYS grows stronger, we’re offering a broader range of users access to better system proposals and services than ever before. As part of this initiative, we are developing an experience facility on our premises to provide users with the opportunity to engage directly with Q-SYS solutions and better appreciate their advantages.”

**QSC**



# Beijing InfoComm China Aims to Capture Asia's \$45.3 Billion Immersive Entertainment Market



**C**HINA: Beijing InfoComm China has introduced a new, dedicated **ImmersiveTech Zone** in Hall P of China National Convention Center (CNCC) from 15-17 April 2026.

This focused showcase is engineered to connect global and emerging solution providers with high-value buyers driving the explosive growth across China's cultural, tourism, and commercial entertainment sectors. As a market-leading tradeshow, Beijing InfoComm China consistently draws up **top-tier global brands like Christie, Barco, Shure and Sony, and key buyers from major project owners across the region, including Universal Beijing Resort, Shanghai Disney Resort, and Chimelong Group.** This unparalleled audience ensures the highest calibre of networking and sales opportunities.

Driven by the integration of culture and tourism, China's live entertainment market is rapidly reshaping consumer experiences. The ImmersiveTech Zone serves as the definitive thought leadership platform for companies

specialising in creating these new experiences. Exhibiting companies will gain direct access to project decision-makers, including:

- **Cultural and Tourism Attractions** like museums, educational centres and immersive performance organisers
- **Commercial Real Estate Operators** and shopping centres
- **Theme Park and Family Entertainment Centre** developers
- **System Integrators** and main project contractors seeking innovative solutions

The ImmersiveTech Zone in Hall P welcomes providers of technologies crucial for these projects, such as **immersive audio systems, advanced display solutions, broadcast production technologies, command and control technologies, hybrid/remote collaboration, content creation and distribution, lighting and stag technologies, and integrated solutions.** Exhibitors will benefit from Beijing InfoComm China's comprehensive global and local marketing campaign, which targets key

decision-makers across the entire Asia Pacific region.

### **Call to Exhibit**

Companies positioned to lead the convergence of technology and experience are invited to secure a strategic presence in the ImmersiveTech Zone at Beijing InfoComm China 2026. Learn why Beijing InfoComm China is critical for your Asia strategy – [read more here](#)

Reach out to their sales team at [sales@infocommasia.com](mailto:sales@infocommasia.com) and click below to visit the website to secure your premium presence at Beijing InfoComm China 2026.

[InfoComm China 2026](#)

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## HK Audio Welcomes Isabelle Wear as Head of Sales, Emerging Markets

**MEA/ANZ/IN:** HK Audio has announced that Isabelle Wear has taken up the position of Head of Sales Emerging Markets, effective November 1. In this role, she will be responsible for the Middle East and Africa, India, Australia, and New Zealand regions



**Isabelle** Wear has extensive experience in international sales management and the supervision of important distribution networks. Many in the pro audio industry already know Isabelle

from her time at Interfacio, where she and her team successfully managed and mastered recruitment projects in the pro AV industry. After 13 years in her recruitment company, she is now returning to a sales and business development role.

In her new role, Isabelle will lead HK Audio's business development across the Middle East and Africa, India, Australia and New Zealand. Working closely with David Leonhardt, HK Audio's International Sales Manager for these regions, she will focus on strengthening existing partnerships and expanding the German audio specialist's presence in these important markets.

"With Isabelle, we are gaining an internationally experienced personality who will significantly support our strategic goals in the region," said Christian Jordan, CSO/CMO of HK Audio. "Her deep understanding of the market, her entrepreneurial mindset, and her network make her the ideal addition to our team."

**HK Audio**

# Nanolumens and Noro Launch Portal for Human-Centred Hybrid Collaboration



**GLOBAL:** Nanolumens, a manufacturer and designer of LED displays and solutions, and Noro the company behind the Portal immersive communications system, have partnered to bring Portal to market, a platform designed to bridge the hybrid collaboration gap by making remote participation feel human, natural and connected.

Portal combines Nanolumens' expertise in dvLED display technology with Noro's leadership in life-size, immersive design and intelligent spatial camera systems, creating a seamless environment where remote collaboration feels natural, connected and truly in-person. Unlike traditional video walls or conferencing systems, Portal delivers full-scale, real-time presence with true-to-life proportions, spatial depth, and natural body language, no headsets, glasses, or complex interfaces required.

"Portal is setting a new standard for hybrid collaboration," said Kurt DeYoung, Chief Revenue Officer for Nanolumens. "By uniting our display engineering with Noro's spatial camera intelligence, we've created a system that redefines what remote collaboration can feel like. Together, we're closing the gap between physical and virtual presence."

"Noro's mission has always been to make distance irrelevant," said Teun Hilte, Head of Client Relations at Noro. "We put the human element front and centre of the experience, and the design-driven LED display solutions of Nanolumens bring clarity and presence to every interaction".

The Portal platform is built around a shared mission to make hybrid collaboration feel more human. Developed by two companies known for reliability and technical innovation, Portal embodies a unified purpose to remove barriers to presence, engagement and simplicity. Early pilot programs have already demonstrated the real-world benefits of the technology.

"It felt like glimpsing a bit of the future with huge portals where you could see full-size versions of people in meetings," said Nick Bloom, Professor at Stanford University. "We had a call to New York, and it felt connected to see people's movement as they walked around, rather than just their heads."

Stuart Bern, Managing Director, Americas at JLL, shared a similar experience. "The energy was something that cannot be explained but must be experienced. The benefits of connecting team members across offices while reducing travel costs and emissions are just the beginning."

Nanolumens and Noro will introduce Portal globally through existing Nanolumens and Noro integrator networks with configurations tailored for enterprise, education and command environments. Designed for reliability and ease of deployment, Portal will begin rolling out in early 2026.



## EAS Appointed as Exclusive Distributor for Beetek



**SINGAPORE:** **Electro-Acoustics Systems Pte Ltd (EAS)** has been appointed as Beetek's exclusive distributor in Singapore.

A renowned manufacturer of advanced AV connectivity solutions, **Beetek** is widely recognised for its high-quality connection and transmission products. Serving a broad range of sectors such as rental & staging live events, houses of worship, government, education, and corporate enterprises, Beetek delivers rugged, high-quality connection and transmission products for the professional audio-visual industry.

Beetek offers an extensive and complete product range, including Armoured Multi-Core Fibre, Active Optical HDMI, Stackable Cable Reels, Extenders, and Adapters.

EAS looks forward to introducing Beetek's products to a broader audience and supporting their success in the local market. Effective immediately, EAS will handle all sales, support, and service for Beetek's product lines in Singapore, ensuring customers receive localised expertise and technical support.

## Contacta Systems Set Foothold in APAC with YYST Distribution Deal

**APAC:** Assistive listening specialists, Contacta Systems, have entered the Asia-Pacific market with a region-wide distribution deal with **YYST Global** a leading provider of IT and AV services. YYST will offer products from Contacta's window intercom, RF, IR and hearing loop ranges.

Meyrav, Head of New Business Development for Contacta, said the deal is timely. "As with many parts of the world, the APAC region has a growing elderly demographic and with that comes a greater prevalence of hearing loss. Awareness of assistive listening technology is growing rapidly, and we're delighted to have established this partnership with YYST Global to serve that interest.

"We have a sales history in the region, but wanted to find a local distribution partner to increase our reach to market and offer better support. YYST were an ideal partner for that, and has a well-established client base."

With its head office in Hong Kong, YYST Global have a network of regional offices and distribution centres, giving customers in Indonesia, Thailand, Singapore, Malaysia, Vietnam, the Philippines and Hong Kong access to Contacta's products.

Business Director, Ken Chow, said, "We are delighted to be working with Contacta. Assistive listening is a new addition to our business, and we are excited to be able to offer these high-quality products.

**Contacta Systems**

# AVIXA Announces 2026 Board of Directors, Leadership Search Committee Members



## New Secretary-Treasurer

John Bailey, AVI-SPL

## New Leadership Search Committee Members



Carolina Sosa  
Integración AV



Faye Bennett  
Faye Bennett  
Consultancy Services



Christine Rogers  
AVI-SPL

## New Board Members



Loubna Imenchal  
Axis Communications



Cristiano Mazza  
Grupo Discabos



Ilya Bukshteyn  
Microsoft



John Joseph  
Blue Rhine Industries



Christine Schyvinck  
Shure Incorporated



**GLOBAL:** AVIXA, the Audiovisual and Integrated Experience Association, is pleased to announce the election results for the 2026 AVIXA Board of Directors and Leadership Search Committee.

John Bailey, Senior Vice President, Technology & Innovation, AVI-SPL, has been elected as Secretary-Treasurer of the Board by AVIXA membership. AVIXA members also elected to the Board Loubna Imenchal, Managing Director, Middle East, Turkey, Central Asia & Africa (MEA) at Axis Communications; and Cristiano Mazza, CTS, Partner, Grupo Discabos.

The AVIXA Leadership Search Committee (LSC) has appointed Ilya Bukshteyn, Corporate Vice President for Microsoft Teams Calling, Devices, and Premium Experiences; John Joseph, Co-Founder and Managing Director, Blue Rhine Industries; and Christine Schyvinck, President and CEO, Shure Incorporated, to AVIXA's Board of Directors.

Carolina Sosa, CFO of Integración AV, has been elected by AVIXA members to the Leadership Search Committee. In addition, Jatan Shah, Chair of the AVIXA Board of Directors, has appointed Faye Bennett, Founder and Managing Director of Faye Bennett Consultancy Services, and Christine Rogers, Vice President of XTG, AVI-SPL, to the Leadership Search Committee (LSC).

A complete listing of the 2026 AVIXA Board of Directors appears below:

- **LSC Chair:** Jatan Shah, QSC
- **Chair of the Board of Directors:** Tobias Lang, LANG AG
- **Vice Chair:** Mradul Sharma, 3CDN Workplace Tech
- **Secretary-Treasurer:** John Bailey, AVI-SPL
- **Directors:** Kristin Bidwell, Audiovisual Consulting Team; Ilya Bukshteyn, Microsoft;

Nicholas E. Cox, Sr., Mizuho Americas; Loubna Imenchal, Axis Communications; John Joseph, Blue Rhine Industries; Cristiano Mazza, Grupo Discabos; Christine Schyvinck, Shure Incorporated; and Tom Shen, Shen Milsom & Wilke.

“AVIXA is delighted to welcome these exceptional leaders to its Board of Directors and Leadership Search Committee. Their diverse insights and commitment are vital as we continue to enhance our support for AV professionals globally,” said David Labuskes, CTS, CAE, RCDD, Chief Executive Officer of AVIXA.

AVIXA thanks outgoing Leadership Search Committee Chair and former Chair of the AVIXA

Board Cathryn Lai, Las Vegas Sands Corp., and outgoing Board members Christian Carrero, Kern & Stelly Medientechnik GmbH; Laila Hede Jensen, Zenova; Gale Moutrey, Gale Moutrey Communications Consulting; and Kaushik Mukhopadhyay, AVID India & AVID UAE.

AVIXA also acknowledges and appreciates the contributions of outgoing LSC members Mike Brandes, QSC, Pedro Valletta, interproAV, and Juan José Vila, Equipson.

For ongoing conversations and news about the pro AV industry, visit AVIXA Xchange, a unique community for the AV industry that connects thought leaders, industry-leading solution providers, and innovative manufacturers with AV solution seekers.

## MC<sup>2</sup> Welcomes Alphatec as New Distributor



(L-R) Devasis Barkataki, Founder of Alphatec, and Richard Fleming, Sales & Applications Manager, MC<sup>2</sup> Audio.

**INDIA:** MC<sup>2</sup> has appointed Alphatec as their exclusive distributor for India. Founded in 2015, Alphatec is an established and trusted distributor of leading global AV brands in India, synonymous with end-to-end, reliable, cost-effective, and premium systems at scale. Commenting on behalf of MC<sup>2</sup>, Richard Fleming is looking forward to developing a productive relationship with Alphatec: “Alphatec’s extensive

coverage and detailed knowledge of the Indian market is unrivalled. Their aim is to elevate the audio industry in India by supplying professionals, businesses, and enthusiasts with the tools they need to create exceptional sound experiences. We are excited to be part of that mission and look forward to working closely with Alphatec in this vibrant and exciting market.”

Devasis Barkataki, Founder and Managing Director of Alphatec, commented, “We are proud to bring another renowned global brand to the Indian market. MC<sup>2</sup> has an excellent international reputation for manufacturing premium amplification technology, which is used for a host of installed and touring applications on every scale. We look forward to sharing the advantages of these cutting-edge, innovative, and robust technologies with our clients, and anticipate very strong interest from the Indian market.”

**Alphatec**



# Bosch Presents End-to-End Safety and Surveillance Integration for Indonesia's Oil & Gas Operations



**INDONESIA:** The EnergySecure 2025: Communication & Security Innovation for Oil & Gas Industry event, hosted by Bosch Audio & Video Systems in collaboration with Tecnovideo, brought together leading system integrators, consultants, and Oil & Gas operators at Fairmont Jakarta. The event aimed to address a growing demand for reliable safety communication and intelligent monitoring systems across Indonesia's energy sector, where safety and continuity are critical to national operations.

## ***Strengthening Industrial Safety through Smarter Communication***

Safety in the Oil & Gas environment starts with clear communication. Bosch's PRAESENSA Public Address and Voice Alarm (PAVA) system, a fully IP-based solution, has been trusted worldwide for delivering reliability and centralised control in the most demanding industrial environments.

Built for large-scale operations such as refineries and offshore rigs, PRAESENSA

ensures redundant network architecture, so messages are delivered even in the event of partial system failure. The system allows operators to broadcast targeted voice announcements across multiple zones, supporting both emergency alerts and routine communications in real time.

"Oil & Gas sites require communication systems that are as resilient as the operations they support," said Ronald Rusli, Managing Director of Keenfinity Indonesia, representing Bosch Audio Brands. "PRAESENSA offers end-to-end reliability, from control room to the farthest field station."

Bosch experts also emphasised how digitalisation in public address systems enables seamless integration with safety management and monitoring platforms, paving the way for unified command during emergencies.

## ***From Visibility to Control – Intelligent Surveillance in Hazardous Zones***

Complementing the communication system, Bosch presented the Intelligent Video Analytics



(IVA) – Offering predictive-ready solutions designed to support smarter, data-driven decisions to enhance business efficiency and performance in Oil & Gas operations. Equipped with AI-based detection capabilities, the system can automatically identify incidents such as intrusion or unauthorised movement in restricted zones, allowing operators to respond proactively.

To ensure reliable video performance in hazardous areas, Bosch partnered with Tecnovideo, an Italian manufacturer specialising in explosion-proof camera housings certified under ATEX and IECEx standards. Tecnovideo's rugged enclosures protect high-performance Bosch cameras from heat, corrosion, and explosion risks, ensuring continuous operation even in offshore or refinery environments. "In extreme sites like compressor stations or offshore decks, cameras must endure the same conditions as the crew," noted a Tecnovideo representative. "Our housings allow Bosch's analytics to function safely, where visibility often saves lives."

Together, Bosch and Tecnovideo demonstrated how smart video and durable protection form a unified monitoring solution for Indonesia's challenging industrial landscapes.

### ***Demonstrating Integrated Safety in Action***

The highlight of EnergySecure 2025 was the

live demo session, where Bosch engineers simulated real-world safety events typical in Oil & Gas facilities. In a demonstration of the PRAESENSA system, the team triggered an emergency alarm scenario across multiple zones. Attendees observed how the system maintained communication continuity even when a key node was disconnected – illustrating true redundancy in network design.

The session then transitioned to Bosch's Intelligent Video Analytics, integrated with **Tecnovideo** explosion-proof housings. In a simulated hazard event, the system detected abnormal activity and triggered simultaneous visual and voice alerts, showcasing how audio, video, and analytics converge to create a coordinated safety response. The interactive format sparked detailed discussions among system integrators and end users, who explored integration options with existing control systems and plant safety networks – underscoring strong interest from Indonesia's Oil & Gas sector.

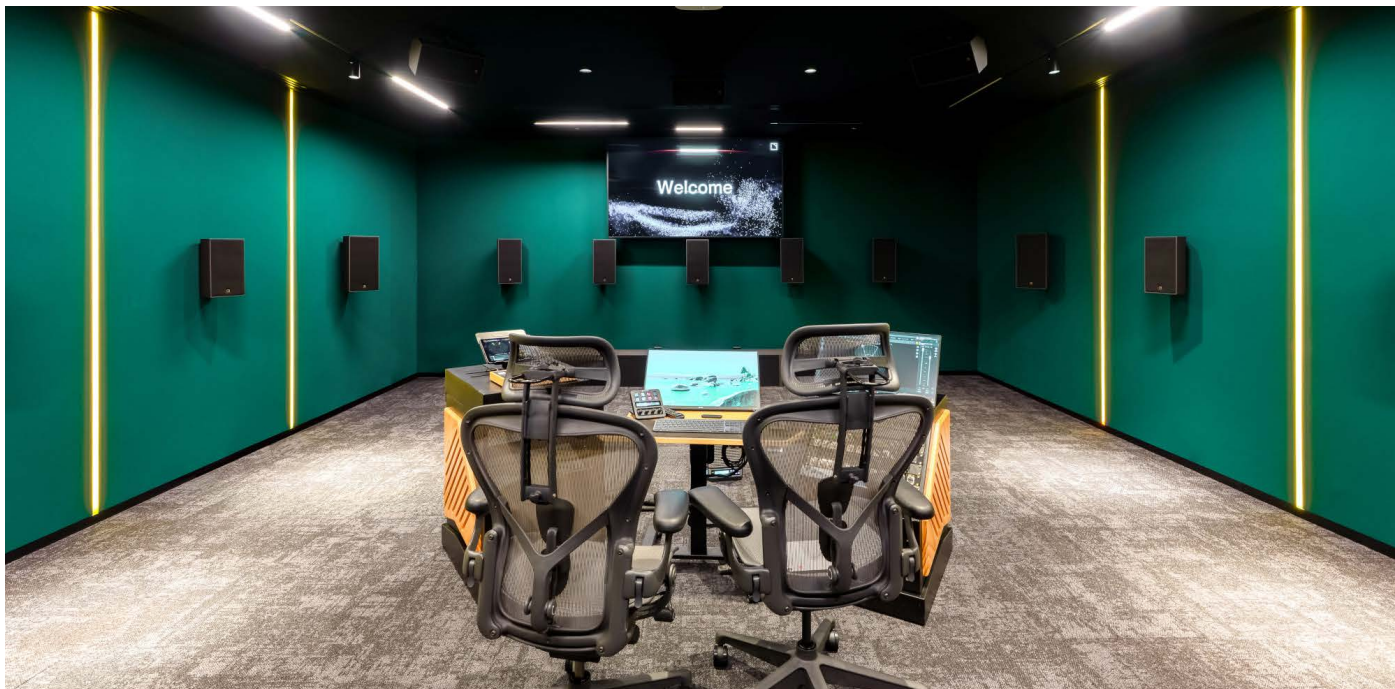
### ***Advancing Safety Standards for Indonesia's Energy Future***

The event concluded with a shared message: integrated safety technology is essential to sustainable energy operations. As Indonesia expands its energy infrastructure, the need for systems that combine communication, visibility, and automation becomes increasingly vital. Bosch and Tecnovideo's solutions demonstrate how technology can minimise human risk, ensure regulatory compliance, and improve overall operational uptime.

By bridging safety communication with intelligent monitoring, Bosch is reinforcing its commitment to empowering Indonesia's Oil & Gas industry with the tools to protect both people and performance – paving the way for safer and more resilient industrial operations.

**Bosch**

# L-Acoustics' Expanded HQ Features L-ISA Creative Studio



*The new, purpose-built L-ISA Creative Studio. This 47-square-meter facility is equipped with 23 L-Acoustics speakers for the creation and refinement of spatial audio mixes and L-Acoustics DJ - © L-Acoustics / Lin Yu Fang.*

**A** **PAC:** L-Acoustics has its expanded Asia-Pacific regional headquarters in Singapore. The new facility includes a dedicated L-ISA Creative Studio where artists, content creators, and partners can discover, experiment with, and create spatial audio mixes using L-Acoustics' groundbreaking immersive sound technology.

The opening was attended by Laurent Vaissié and Hervé Guillaume, co-CEOs of L-Acoustics, and Anne Hamlett, Chief People Officer, underscoring the strategic importance of the APAC region to the company's global operations.

"The Asia-Pacific region represents one of the most dynamic and fastest-growing markets for live entertainment and immersive audio experiences," said Tim Zhou, CEO of

L-Acoustics APAC. "This expansion gives us the infrastructure to better serve our growing community of clients and partners while providing artists and creators with a dedicated space to explore spatial audio. Our L-ISA Creative Studio is designed to be a collaborative hub where creativity meets innovation." Since establishing L-Acoustics Pte Ltd in Singapore in 2019, the company has experienced exponential growth in the region, expanding from its initial operations to 28 team members today—19 based in Singapore and nine remote employees throughout APAC who regularly work from the regional headquarters.

The new 9,000-square-foot facility represents a major step up from the company's initial co-working space, providing the operational capacity needed to support continued expansion across the region.





### ***A Creative Hub for Spatial Audio Innovation***

The new headquarters features the L-ISA Creative Studio, a state-of-the-art 47-square-meter immersive audio studio equipped with 23 L-Acoustics speakers arranged in a three-dimensional configuration—including frontal, surround, and overhead arrays. The space is also equipped with L-Acoustics DJ technology, the latest immersive innovation for club and festival environments, enabling DJs and electronic music artists to learn the technology and prepare spatial sets.

This purpose-built environment enables artists, mixing engineers, sound designers, DJs, and content creators to experience L-ISA Immersive Hyperreal Sound technology first-hand, create and refine spatial audio mixes of their creative content, collaborate with L-Acoustics application specialists on projects, and explore new creative possibilities in immersive audio production.

“We’re not just providing a demonstration space—we’re offering a creative production environment where artists can bring their spatial audio visions to life,” Zhou added. “Whether it’s a touring artist preparing immersive mixes for their live show, a DJ crafting a spatial set for club performances, a sound designer developing content for an installation, or partners wanting to understand how L-ISA can transform their venue, this centre is designed to facilitate that creative process.”



The Creative Studio will serve as a regional resource for L-Acoustics’ extensive network of clients and certified partners throughout APAC, including touring productions, festivals, theatres, clubs, houses of worship, theme parks, and premium hospitality venues.

### ***Strategic Growth to Serve the Region***

Situated in Singapore’s creative district, the new headquarters positions L-Acoustics to more effectively collaborate with clients and partners across the region. The facility’s proximity to Singapore’s Changi Airport facilitates client visits and project collaboration, while its connection to the company’s regional warehouse ensures efficient service delivery.

“This expansion reflects our long-term commitment to the Asia-Pacific market,” said Laurent Vaissié, co-CEO of L-Acoustics. “As the region’s creative and entertainment industries continue to evolve, we’re investing in the infrastructure and resources needed to support our partners’ ambitions and deliver the exceptional sound experiences that audiences have come to expect from L-Acoustics.” The Singapore headquarters joins L-Acoustics’ major operational hubs in Paris, Los Angeles, and London, creating a truly global support network.

**L-Acoustics**

# Magewell: Powering the Future of Seamless Video Workflows

*Magewell is a leading provider of high-performance video capture, conversion and streaming solutions designed for professional AV, broadcast, live production and medical environments. Their solutions support a wide range of signal types and workflows, making them a trusted choice for integrators, developers and organisations worldwide. In this issue, we chat with **Amy Zhou, Sales Director at Magewell**, to understand the company's approach and philosophy.*



**Magewell is known for bridging signals, software, streams, and screens — how do your solutions simplify AV-over-IP workflows for integrators and end-users alike?**

We understand our users have their unique use cases and workflows when it comes to deployments and they would always want to leverage the most of their existing infrastructure. So first our products are provided in different form factors. For example, the standalone Ultra Encode or Pro Convert devices. They're small and PoE powered which could be permanently hidden under the desk or behind a monitor, or even be taken on the road. The same functionalities are also made rack-mountable by our Modator family to achieve higher density and a more centralized management. We also work hard to stay technology-agnostic by supporting various ecosystems including NDI®, SRT and etc so Magewell users can access more without increasing the product footprint. Having Pro Convert IP to USB released in late June, 2025 also completed the overall capabilities to convert between AV signals, IP streams, software and screens. On top of the flexibility and versatility, Magewell Control Hub

software, a software instance that can be run in public clouds or on-premise server, simplifies how those IP devices, regardless of their form factors, can be managed and monitored in operation.

**Your products are widely used in diverse applications, from live streaming to medical imaging. What makes Magewell's technology so adaptable across industries?**

Part of the reasons is to embrace open standards. Magewell engineers work hard to stay up to the fast-changing technologies world to ensure the products can solve current challenges. The other main part is always the reliability and compatibility. It is particularly so for manufacturers who develop capture devices, encoders and decoders. No matter the video source is from a professional camera, a laptop or an endoscope, we ensure it lands in the destinations without users even noticing Magewell products are there.

**Reliability, simplicity, and cost-effectiveness are core to your product design. How does Magewell strike this balance in an increasingly complex AV landscape?**

I have to admit it is not easy. It is a tough balance between what is the latest trend technologies-wise and what is the reality from

users' perspectives. We would spend a lot of time finding out the most robust but, in the meantime, cost-effective platforms that we can build the application upon for now but also give us the resource for future expansion. Staying connected to customers is also the key so we understand what pace we shall keep to best coordinate all kinds of resources.

**With a global channel partner network, how does Magewell ensure consistent quality, support, and integration experience across different markets?**

We're very proud of the global channels Magewell sales team have been building over the years. They're our local extensions and have been working with Magewell staff closely on different fronts. While our products follow universal Magewell standards, we respect the differences across markets and always endeavor to adopt to the local needs in different perspectives from communication to operations. A lot of efforts have been put together. It is really a teamwork.

**Magewell solutions are often embedded into third-party OEM systems. What do OEM partners value most in your technology, and how do these collaborations shape your product evolution?**

The reliability of video quality of the products. The comments that we've frequently come across is "it just works". OEM partners use Magewell's products to ingest video source, whether it is AV signals or IP streams, into their application. Having something that you can always trust it does what it says helps those OEM partners focus on their core business without worrying there are loose ends somewhere in the chain. I would say that's the best part our partners embrace our products. That also open doors to Magewell to explore new opportunities in new industries and use

cases that never occurred to us in the first place. For example, we have the full-sized PCIe capture card for quad channels SDI. It has been quite successful. Our partners' solutions evolve and so do our products. And now we not only have the PCIe card, we also a M.2 form factor capture card for the same channel of SDI signals but it's just 22x80mm, which can be fit into a much smaller machine to be used on people's back.

**How is Magewell addressing the growing demand for IP-based video workflows and hybrid infrastructure in today's AV environments?**

We're convinced that no single technology can solve all the problems. Our strategies are to embrace open standards and stay compatible with different ecosystems enabled by software integrations. Our users can always make the best out of their investment of Magewell products.

**Can you share a standout integration or use case where Magewell's products significantly enhanced the AV workflow or user experience?**

One of the more interesting projects was with regards to **Careprod Technologies**, based in Montpellier, France. They turned to Magewell to strengthen the video foundation of their Orsync remote medical proctoring platform. The challenge was to reliably capture and transmit both standard and highly specialized video signals from various medical devices. By integrating Magewell's Eco Capture, Ultra Encode and Ultra Stream solutions, Careprod achieved a seamless and robust workflow. The result is high-quality, dependable video performance with broad input signal compatibility, further enhanced through tight integration enabled by Magewell's APIs.

For fuller details about the project click [HERE](#).



# Nanolumens Launches the NanoPanel 55 dvLED Display for High-Visibility Environments



Nanolumens has launched the NanoPanel 55, a new dvLED display designed to bring the advantages of direct-view LED technology to the standard 55-inch flat panel format. The NanoPanel Series combines the advantages of direct-view LED technology, including reduced power use, high image calibration and in-field repairability, long lifespan, and zero bezels, within the same footprint as traditional LCD and OLED displays. Using Virtual Chip-on-Board (VCOB) technology, the NanoPanel 55 delivers Full HD (1920 x 1080) resolution in a 55-inch cabinet size with the same mounting compatibility and footprint as standard flat panels. The NanoPanel 55 offers all the benefits of dvLED while maintaining the simplicity and familiarity of a traditional commercial display.

While not the first dvLED display in a 54- to 55-inch size, the NanoPanel 55 is the first to market to offer true Full HD resolution at 1920 x 1080. The NanoPanel was developed for specific use cases such as flight information display systems (FIDS) in airports, transit stations, menu boards, and command and control centres. The product's design focuses on performance, reliability, and ease of integration, giving operators and facilities a direct replacement option for traditional LCD flat panel displays.

The NanoPanel 55 is engineered for 100,000 hours of 24/7 operation to half-life, maintaining both color and white balance throughout its lifespan. The display's efficient power usage and reduced heat load contribute to lower



operating costs and an improved return on investment. Field-serviceable modules allow for quick on-site repair, minimizing downtime and reducing environmental impact by eliminating the need to store spare displays.

The NanoPanel 55 supports easy retrofits into existing LCD spaces using standard VESA mounting patterns, allowing integrators to reuse existing infrastructure. The zero-

bezel design enables seamless multi-panel configurations that create a continuous visual surface, enhancing the viewing experience with improved contrast, deeper blacks, and brighter whites. With its 0.6 mm pixel pitch and Full HD resolution in a 55-inch cabinet, the NanoPanel 55 delivers clarity and performance ideal for high-visibility applications.

[Nanolumens/NanoPanel 55](#)

## Crest Audio CPL+ Loudspeaker Line Receives Full EASE and CLF2 Integration

Crest Audio, a division of [Peavey Commercial Audio](#) has expanded the capabilities of its latest CPL+ loudspeaker series with full support for EASE (Enhanced Acoustic Simulator for Engineers) and CLF2 (Common Loudspeaker Format) data integration.

The move gives AV consultants, system designers, and integrators direct access to

accurate, manufacturer-verified loudspeaker data for use in predictive acoustic modelling, coverage mapping, and design validation – essential steps in today's data-driven installation workflow.

The CPL+ range combines tour-grade components, robust cabinetry, and refined voicing to deliver high output, clarity, and



reliability in demanding environments. Designed for both fixed installation and mobile reinforcement, the series includes a family of full-range and subwoofer models, offering coverage and configuration options for a wide variety of applications.

Now EASE and CLF2-enabled, each CPL+ loudspeaker now ships with comprehensive GLL and CF2 data files, allowing users to perform detailed design simulations within EASE 5, EASE 4, and CLF Viewer, as well as most CLF-compatible simulation software, providing:

- 3D balloon and polar plots for precise directivity analysis
- Frequency response and phase plots validated to industry standards
- Comparative overlays to match CPL+ models against other manufacturers
- Accurate SPL coverage and STI mapping when deployed in EASE-modelled venues

By supporting both EASE and CLF2, Crest Audio reinforces its commitment to open data standards, empowering consultants to model, compare, and specify CPL+ products

with confidence alongside any professional loudspeaker brand.

The CPL+ range includes six two-way full-range, two coax, and two column array enclosures, featuring premium low-frequency drivers paired with a high-frequency driver for exceptional clarity and output. Offering a choice of constant-directivity horns or, with selected models, rotatable horns, the series provides optimal pattern control for precise coverage in any environment.

Completing the lineup, a choice of subwoofers delivers high-efficiency low-frequency performance with extended depth and tight, controlled punch. All models are designed for versatility, with flying, pole-mount, and bracket-mount options that make them equally at home in permanent installations or portable sound applications.

All enclosures in the range are available in a tough black or white finish, featuring birch plywood construction and integrated rigging points, ensuring durability and easy integration into venues from theatres, clubs, and houses of worship to arenas, stadium concourses, and multipurpose halls.

**Crest Audio/CPL+ range**



# MSolutions Enhances USB/USB-C Testing on MS-TestPro Device

MSolutions has upgraded the USB and USB Type-C testing capabilities of its MS-TestPro UCT module, expanding its functionality to meet the rising complexity of USB-C installations. These enhancements provide installers with deeper diagnostics for identifying and solving real-world USB issues in the field.

The UCT remains the AV industry's only dedicated solution for qualifying USB-C cables and interfaces, verifying wire mapping, USB version compliance, alternate mode support, data lane structure, and power delivery. The latest improvements add the ability to identify device type, classify device tier level, measure peak power consumption, and detect more detailed bandwidth characteristics—delivering a broader picture of USB performance across endpoints and connections.

As CTO Ariel Marcus explained, USB testing is a far more complex and complicated proposition than HDMI. Marcus noted that these connections involve multiple layers of technology, as camera, video, audio, and power functions can be registered at different tiers within the USB hub chain, potentially affecting performance and connectivity. Adding that by analyzing this chain structure, technicians can reactivate devices and restore proper functionality. The UCT, according to Marcus, determines how many tiers are already in use and whether enough USB resources remain available from the host.

With the enhanced UCT module, MS-TestPro helps AV professionals ensure reliable

USB operation between cameras, extenders, displays, and host devices. It is especially valuable in meeting rooms, classrooms, and hybrid spaces where USB functionality is critical to system performance, and it can be difficult to visually discern the difference between a charger, Thunderbolt, or data cable, let alone know how much power or bandwidth exists.

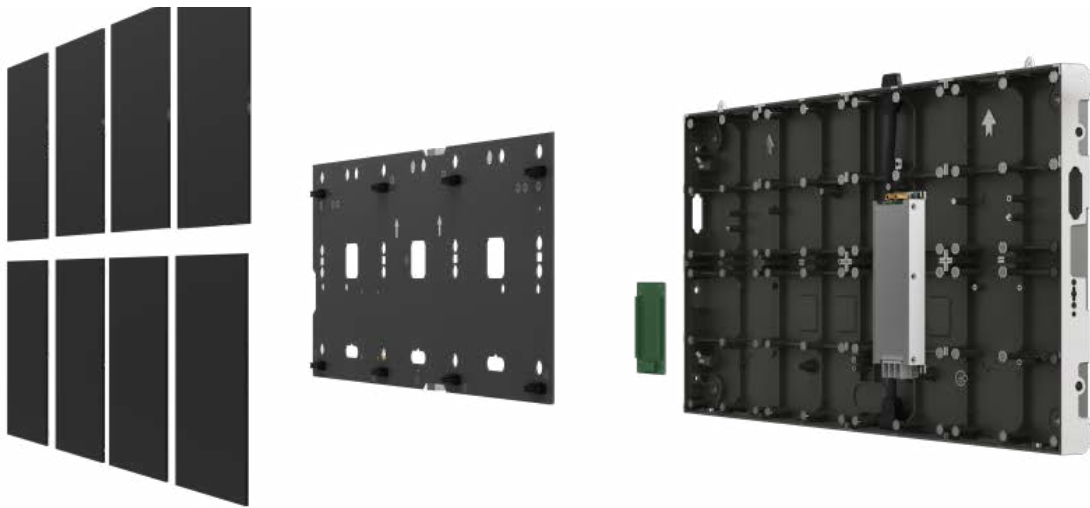
CEO Eliran Toren highlighted that the UCT's value lies in its wide-ranging testing capabilities. He explained that the device not only tests and validates the health of USB and USB-C cables and signals but also supports backward compatibility with USB 2.0 and other formats, giving installers a complete view of the system's performance. Toren added that the UCT provides detailed insights into USB resources, including packet sizes transferred between host and device, as well as the specific wires that are physically connected.

The MS-TestPro also supports certification and analysis of HDBaseT, HDMI, and DC resistance, offering an all-in-one, modular platform for professional-grade infrastructure validation. Installers can quickly switch between modules, which attach to the top of the handheld device.

## MSolutions/MS-TestPro UCT



# Ledman UHD King Icescreen QS0.9 Cools Down the Micro-LED Pitch Competition



Ledman has launched its next-generation COB display products, with the flagship model being the Icescreen QS0.9. This series focuses on four core selling points: Ultra-High Definition, Ultra-Energy Saving, Ultra-Cool Screen, and Ultra-High Refresh Rate. It addresses industry pain points with robust technology, providing reliable solutions for multi-scenario display needs.

## **Ultra-High Definition + Ultra-High Refresh Rate**

The Icescreen QS0.9 utilizes Ledman's core, original PSE patented technology, with patent grants already covering regions including China, the USA, Canada, Germany, Japan, and Australia. The featured model QS0.9, with its 0.9mm pixel pitch design, significantly increases screen pixel density. Simultaneously, equipped with a 7680Hz high refresh rate, it delivers smooth and detailed dynamic images, free from "moire patterns" or smearing during device capture, providing strong support for high-frequency display scenarios.

The product's surface light source design has received TÜV Rheinland Low Blue Light certification, ensuring soft and eye-comfortable image display. Whether for professional, commercial, or home display applications, it presents delicate and vibrant pictures, effortlessly achieving Micro-level ultra-high definition display and offering users an exceptional visual experience.

## **Ultra-Energy Saving + Ultra-Cool Screen**

This product optimizes integrated circuits and display technology, achieving a breakthrough of "increased brightness without increased power consumption": at a standard brightness of 600 cd/㎡, the maximum power consumption is only 155W/㎡, saving up to 50% power compared to similar products. This truly enables green energy savings and effective cost reduction.

Relying on the core PSE Energy-Saving Cool Screen patented technology, the surface temperature of the Icescreen QS0.9 series screen is lower than human body temperature



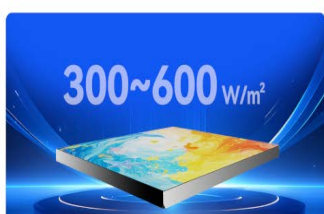
UHD King QS0.9



Other Display Effect



Reduce Power Consumption by 50%



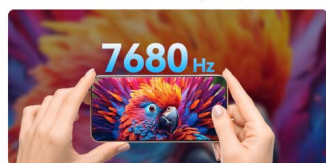
Other Displays' Power Consumption



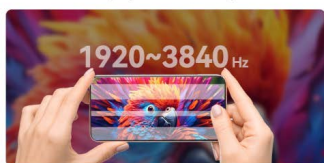
Surface Lower Than Body Temperature



Other Display's Surface Temperature



Photograph-Friendly, Free From Stripe Interference



Other Display's Performance

\*Specific parameters are subject to the specifications.

**LEDMAN** **Icescreen**

**UHD King Icescreen**

Unmatched Reliability for Continuous Operation

Cool Performance Low Power Cost

**SmartCool AI**  
Brilliant Imagery  
Minimal Energy

**PowerBalance**  
Precision Power  
Management

**TrueBlack**  
Pure Contrast  
Crystal Clarity

www.ledman.com  
sales@ledman.com

X | f | LinkedIn | YouTube

(only 32.1°C). Low-temperature operation not only provides a comfortable touch experience but also significantly extends the screen's lifespan, making it a veritable "Cool-Touch Screen."

### Molding Process + Modular Design

In terms of craftsmanship and design, the High-Definition King QS0.9 utilizes a Molding process, offering outstanding protective performance: the surface is resistant to organic solvents, moisture, combustion, and decay, while also being waterproof, impact-resistant, anti-static, and dustproof, adaptable to various environmental needs.

The product also features a modular design, enhancing reliability and flexibility through heat isolation and interference isolation. The "module-level unit board" doubles

maintenance efficiency, reducing maintenance time and costs. This achieves energy saving and cost reduction throughout the entire product lifecycle, from purchase and use to maintenance.

Ledman's UHD King Icescreen QS0.9 are "high-cost-performance" solutions launched in response to market demands. Leveraging the advantages of "high performance + low entry threshold," they directly address the pain point in the ultra-high definition large screen market where "superior picture quality often comes with a high price." They precisely meet the broad user demand for a "balance between effect and price."

### Ledman/QS Series



# Unilumin Pioneers World's First MIP Holographic Transparent Screen



holographic transparency, offering new possibilities for interpreting spatial scenarios. On one hand, holographic display inherently provides glasses-free effects, which are no longer confined to “walls” but can exist anywhere in space: It can be either mounted on the glass surface or suspended in the center of the hall. On the other hand, as a transparent product—particularly one achieving an exceptional transparency rate of over 90%—it eliminates a sense of spatial division and achieves the surprising effect of floating 3D holographic images, seamlessly integrating the display system with its surroundings.

The introduction of a large display screen can serve as an enhancement to spatial visuals, yet it may also disrupt the structural integrity of a space and compromise its transparency. For instance, when turned off, the screen often appears as an unsightly black wall, lacking aesthetic appeal. Similarly, in originally open and transparent spaces such as shop windows, railings, curtain walls, or suspended installations, it can become a visual obstruction.

Unilumin has pioneered the world's first MIP Holographic transparent Screen – Udesign SV MIP. With a 2mm thickness and over 90% transparency, this innovative display can magnetically adhere to glass surfaces. It effortlessly expands spatial freedom through its transparent design and enhances immersive appeal with holographic technology. Notably, from R&D to manufacturing, Unilumin achieved complete independent innovation throughout the entire process, possessing full intellectual property rights!

Udesign SV Holographic Transparent Screen combines the features of glasses-free and

## ***Udesign SV Offers New Possibilities for Interpreting Spatial Scenarios***

Udesign has already seen successful implementation across a range of projects. From the storefronts of Spain to the heart of Saudi banking, Udesign transforms spaces. It captivates street-level traffic for Orange and brings elegant digital artistry to the Arab National Bank.

During the recently held 15th National Games, Shenzhen Bay Sports Center has adopted Unilumin's 2,500 sqm Holographic Transparent Screen, setting not only a new industry record but also establishing the world's largest holographic screen project. The integration of the holographic transparent screen creates an immersive event atmosphere, significantly enhancing the audience experience. The implementation of this project not only demonstrates Unilumin's innovative capabilities in display technology but also sets a new benchmark for holographic transparent visual presentations in large-scale sporting events.

**Unilumin/Udesign SV MIP**

# Bose Professional DesignMax Luna Redefines Pendant Loudspeaker Performance



Bose Professional has announced the global availability of the DesignMax Luna DML88P pendant loudspeaker system. Luna delivers room-filling, high-fidelity audio from a sleek, modern design, and is perfectly suited for open-ceiling environments such as retail stores, restaurants, breweries, fitness studios, and similar design-conscious spaces.

At the heart of Luna is Bose Professional's proprietary Ring Array configuration, which combines eight precisely positioned 2-inch mid-high drivers and an integrated 8-inch woofer to create a smooth, articulate listening experience that fills the coverage area without hot spots or dead zones. This innovative design achieves exceptional clarity and balance down to 40 Hz, which eliminates the need for external



subwoofers even in open-ceiling spaces. With a maximum SPL of 111 dB and consistent 140° coverage, Luna delivers powerful, immersive sound that requires fewer speakers to cover large areas—preserving both aesthetics and budget.

Luna was specifically engineered to address installation issues commonly found in challenging open-ceiling spaces and adapt to constraints while remaining perfectly balanced. Luna supports both single- and two-point suspension, with a streamlined profile and concealed wiring that provides a clean look from every angle.

**Bose Professional/DesignMax Luna DML88P**



## Push Beyond: The AV Industry's Bold Leap Forward at ISE 2026



From 3 - 6 February 2026, Integrated Systems Europe (ISE) returns to Fira de Barcelona, Gran Via, transforming 82,000sqm of exhibition space into the beating heart of the global AV and systems integration industry. With the theme Push Beyond, ISE 2026 invites professionals from every corner of the AV ecosystem to challenge convention, embrace innovation, and explore what's possible when imagination meets technology.

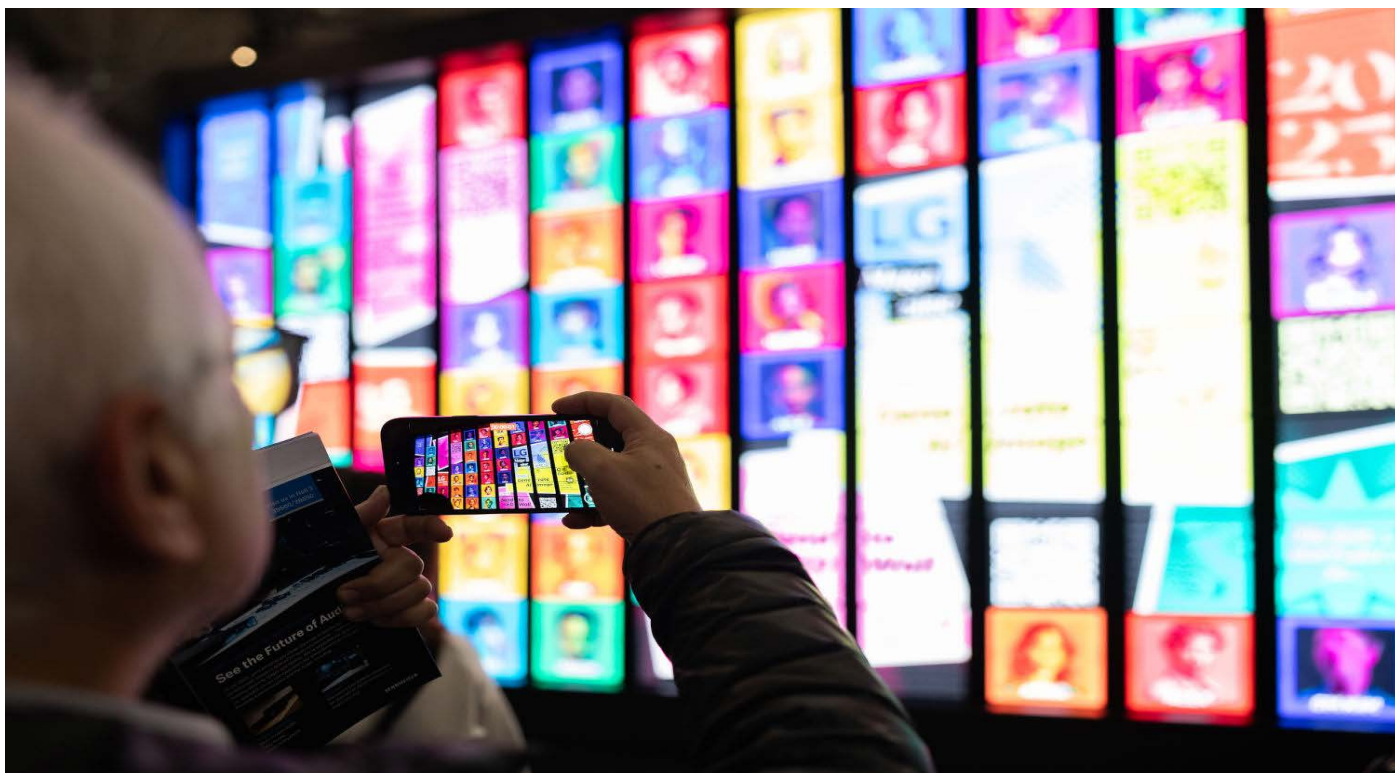
"At ISE, we are dedicated to inspiring the community and exploring what's possible. Each year, we aim to deliver an experience that

fuels creativity and drives innovation. ISE 2026 will open new horizons, ignite fresh ambition, and bring together the global AV and systems integration community for an unforgettable celebration of innovation, comments Mike Blackman, Managing Director at Integrated Systems Events.

### A Show That Reflects the Full Spectrum of AV

ISE is more than a trade show, it's a convergence of industries, ideas, and inspiration. Across 8 halls and 7 Technology





Zones, attendees will discover solutions spanning:

- Unified Communications & Education Technology
- Smart Buildings & Residential
- Digital Signage & Dooh
- Audio
- Lighting & Staging
- Broadcast AV
- Multi-Technology

Whether you're an integrator, designer, technologist, or end-user, ISE offers a tailored experience that reflects the diversity and dynamism of the AV market. Whether you're launching a product, scouting for solutions, or seeking inspiration, ISE 2026 is your opportunity to Push Beyond, to go beyond boundaries, beyond expectations, and into the next chapter of AV innovation. It's a place to learn from global thought leaders, get hands-on with the latest technologies, and experience solutions in action across real-world applications. But just as importantly, ISE is where the industry comes

together: to meet people, make connections, and do business. From spontaneous conversations on the show floor to strategic meetings in networking lounges, ISE fosters the relationships that drive the AV industry forward.

ISE 2026 introduces a host of immersive features designed to spark creativity and collaboration, including:

- **Innovation Park** (Congress Square): Returning bigger for ISE 2026, Innovation Park serves as a launchpad for startups and entrepreneurs, featuring the Pitching Stage and panels on investment and disruption.
- **Spark** (Hall 8.1): Making its debut in 2026, Spark is a unique, cross-vertical gathering that unites trailblazers, visionaries and pioneers from the full spectrum of the creative industries. Here, creative minds collide, ignite, and set the stage for breakthroughs that will ripple beyond the event and redefine what's possible for the entire industry.

- **High-End Listening Suites:** On top of ISE's Audio Demo Rooms in Hall 8.0, as well as the Outdoor Demo Area between Halls 3 and 4, featuring rotating demonstrations for real-world listening, new for 2026, ISE is introducing impressive High-End Listening Suites in CC2. These suites are set to redefine the critical listening experience, blending state-of-the-art acoustics with inventive design.

- **ISE Hackathon:** After the successful first edition in 2025, the ISE Hackathon returns for 2026. Over two days, teams of students will once again collaborate intensively at Fira de Barcelona to tackle real-world challenges in the fields of sustainability, innovation, and cybersecurity, before taking to the stage to present their solutions to industry professionals.

## Push Beyond Knowledge

ISE 2026 is your gateway to hands-on learning, networking, and growth. Delve into a content-rich programme, test-drive tomorrow's tools, and gain inspiration from peers and experts alike. Produced by AVIXA, CEDIA, and ISE, the content programme for ISE 2026 is set to be the most extensive in ISE history, including:

- **Keynote Topic:** Taking place Wednesday 4 February, Sol Rashidi will cut through the fiction and reveal what's really happening in the AI landscape with her keynote session on 'The AI Reality Check: What It Takes to Scale and the Future of Leadership'.

- **Megatrends Sessions:** Covering 6 transformative themes -AI, Cybersecurity, Robotics, Smart Spaces, Sustainability, and TradeScape.

- **Summits:** Deep dives into verticals including Smart Buildings, Digital Signage, Education Technology, Control Rooms, Cybersecurity and Broadcast AV.

- **Business Forums:** Exploring AV investment strategies at the Investor Forum and cross-continental opportunities at the European Latin American AV Forum.

- **Free-to-Attend Stages:** Including Live Events Stage in hall 6, AVIXA Xchange LIVE, CEDIA Smart Home Technology Stage and the Pitching Stage in Innovation Park.

- **Tech Tours:** Building on the tech on the show floor, ISE offers behind-the-scenes access to Barcelona's most innovative AV installations throughout the week.

ISE 2026 is where ideas take form and the future begins to unfold. With over 1,600 exhibitors, 85,000+ unique visitors from 168 countries, and a record-breaking programme of events, it's the place to connect, collaborate, and catalyse change.

## Register for FREE

Don't miss your chance to be at the heart of innovation in the AV and systems integration industry. Join us at ISE 2026 - register for FREE with the code '**systemsintegration**' and secure your place at the industry's most anticipated event: <https://www.iseurope.org/welcome/registration>.

Check out the ISE in 60 seconds video [HERE](#)



# EXPANDING THE EXPERIENCE<sup>3</sup>



## ENCORE3

Expanding your creative canvas



With Barco's newest Encore3, screen management just became increasingly versatile. Yes, we heard the 'we want more' call of all you live event AV professionals. Here's our answer: broader canvas space, more system resources, reduced set-up time and better flexibility. All boxed into one future-proof solution, for expanded peace of mind.

[www.barco.com/Encore3](http://www.barco.com/Encore3)

**BARCO**



# 2025 in Retrospective

*As the curtain falls on another year, we look back at the stories and moments that defined the past 12 months – and highlight four key forces that shaped 2025*

by Thomas Richard Prakasam

## Acquisitions

The industry continues to consolidate. Here are some of the acquisitions that took place this year. As we publish this article, there is still December left and we may still have more acquisition news happening.



In June, **NETGEAR Inc.** announced a definitive agreement to acquire **Exium**, a cybersecurity company, as part of its continuing investment in cloud-based solutions for advanced business connectivity. The acquisition builds on the company's goal of delivering next-gen networking solutions that provide simplicity, reliability, and cost-effectiveness to small and medium enterprises. Exium's products and expertise will help to add an integrated Secure Access Service Edge (SASE) platform to NETGEAR's robust network offering. This solution will offer the first, completely integrated, network and security solution, purpose built for MSPs and SMEs.

In the same month, **Audinate Group Limited**, announced that it had entered into an agreement to acquire **Iris Studio Inc.**, a leading US company specializing in AI-powered, cloud-based camera control technology. The

acquisition of Iris strengthens Audinate's video platform capabilities while also accelerating its broader vision for interoperable control and management across the AV device ecosystem. Iris enables OEMs with native cloud-based control directly into their devices, allowing users to remotely access, control, manage and monitor devices in real time – without the need for additional hardware. Iris has partnered with 14 different camera manufacturers, including Lumens, PTZOptics, Marshall, BirdDog, Telycam, AIDA and more.

In July, **Hall Technologies** announced the successful acquisition of substantially all assets of **Atlona Inc.** This strategic move marks a significant milestone in Hall Technologies' journey to redefine what's possible in AV, bringing together two trusted brands with a shared vision: to deliver smarter, more flexible, and more accessible AV solutions across the

globe. According to the press release, with the acquisition customers can expect a significantly broader range of technologies and solutions; expanded global support and technical expertise and a continued commitment to innovation across education, corporate, government, medical, and hospitality sectors.

Most recently, **Biamp** announced asset acquisition of **ClearOne** intellectual property and brands. The acquisition adds signal-processing designs and patents to the Biamp technology portfolio.

There was also the acquisition by **Sonance** of **Blaze Audio**. This strategic acquisition secures the Blaze Audio brand and its sales and marketing operations, reinforcing Sonance's long-term commitment to delivering complete audio solutions and enhancing its presence in the global professional audio sector.

## AV-over-IP



The global AV-over-IP market was valued at USD3.4 billion in 2024 and is projected to grow up to USD10.4 billion by 2033. ([DataHorizzon Research](#)) Considering the extent of the growth, it is also essential that the industry enhances its knowledge in this space. In that respect, **Audinate Group Limited**, the pioneer behind the Dante AV-over-IP (AVoIP) platform, released its all-new 3rd Edition Training for Dante Certification Levels 1, 2, and 3. Designed for today's fast-evolving AV landscape, this essential update equips professionals with cutting-edge networking and AVoIP expertise,

while offering up to 19.75 AVIXA Renewal Units (RUs). Hundreds of thousands of AV professionals have participated in Dante training, underscoring Dante Certification's importance in showcasing technical expertise and driving the global shift to AVoIP.

In other development, the **SDVoE Alliance** has partnered with **NETGEAR** to integrate the SDVoE Academy into the NETGEAR Academy, allowing AV professionals to access SDVoE's AV-over-IP training alongside NETGEAR's networking education. SDVoE Academy, a free online platform offering self-paced courses and two certification programs, has already enrolled over 6,000 learners across more than 120 courses covering video technology, networking basics and system design.

Through this collaboration, both academies will co-develop training content that strengthens skills in AV-over-IP and network infrastructure. The goal is to create a unified learning ecosystem that equips AV professionals with the knowledge needed for modern AV-over-IP deployments.

## Artificial Intelligence

You can't escape hearing about AI. Artificial Intelligence is no longer a futuristic concept—it is rapidly becoming a defining force in the commercial AV industry. As organisations demand smarter, more intuitive and more scalable technologies, AI is reshaping how audio, video and control systems are designed, deployed and experienced across corporate, education, hospitality and public spaces. AI-driven technologies are now at the heart of modern collaboration environments. Intelligent cameras automatically frame speakers, adjust to multiple participants and track movement with broadcast-level precision. Advanced algorithms are also transforming

audio, delivering real-time noise suppression, speech enhancement and adaptive acoustic optimisation. These capabilities create natural, more engaging hybrid meetings while reducing intervention from IT and AV support teams.

Digital signage networks are another major beneficiary. AI enables real-time audience analytics, predictive content scheduling and automated creative generation—resulting in screens that are not just displays, but intelligent communication platforms. Facilities teams also gain from AI-powered monitoring that identifies issues before they escalate, enabling predictive maintenance and ensuring consistently high uptime across AV-over-IP deployments.

Within control and management systems, AI introduces self-healing capabilities, automated routing and data-driven optimisation. Spaces can now respond dynamically to users through voice control, environmental sensors and automated presets. Meanwhile, generative AI accelerates content production for events, branding and immersive environments, offering new creative potential to integrators and end-users alike.

A recent milestone offers a glimpse of what lies ahead for the AV and display industry. At Unilumin Group's 21st Anniversary AI Forum and New Products Launch Event, Chairman Tiger Lin emphasised that 2025 will be a pivotal year for AI adoption, driven by the convergence of supportive policies, rapid technological advancement and a maturing ecosystem. He noted that AI is poised to become fully integrated into everyday public life.

In response to this shift, Unilumin is focusing on two major directions: industry-specific vertical AI model development and practical AI applications. The goal is to enable large displays to “think and serve,” transforming



them from passive information carriers into intelligent, interactive gateways.

During the event, Unilumin announced new cooperation agreements with Zhipu and YMATE, with all three partners jointly investing in the creation of Shenzhen Intelligent Display Robot Co., Ltd. The new company aims to build an innovative AI terminal ecosystem by combining AI model training, software development and hardware integration. This end-to-end approach will help accelerate AI-driven “display embodiment” across governance, education, conferencing, cultural tourism and more, supporting the intelligent evolution of the Metasight industry.

## Make-in-India

The Make-in-India momentum continues to grow in strength, with even international brands getting into the swing of things by manufacturing some solutions in India to address the local market needs. For example, **ViewSonic** launched two Made-in-India ViewBoards aimed at meeting the secondary education segment, and commercial AV segment. The two ViewBoards – coming under the IN03 and CN01 series – manufactured at three facilities in Gujarat, Noida and Tirupati, highlights the company's shift towards local manufacture with the objective of cost-efficient production and solutions tailored for the Indian market, besides faster delivery. Similarly **Sharp**





took InfoComm India show floor platform, to announce our Make-In-India initiatives, and the launch of display solutions. Sharp had already started rolling out the made in India PixelEdge Interactive Smartboards raging from 65ppm to 86ppm. Recently **SMART Technologies** launched its first-ever SMART 'Make in India' interactive flat panels, flagship solutions designed for education.

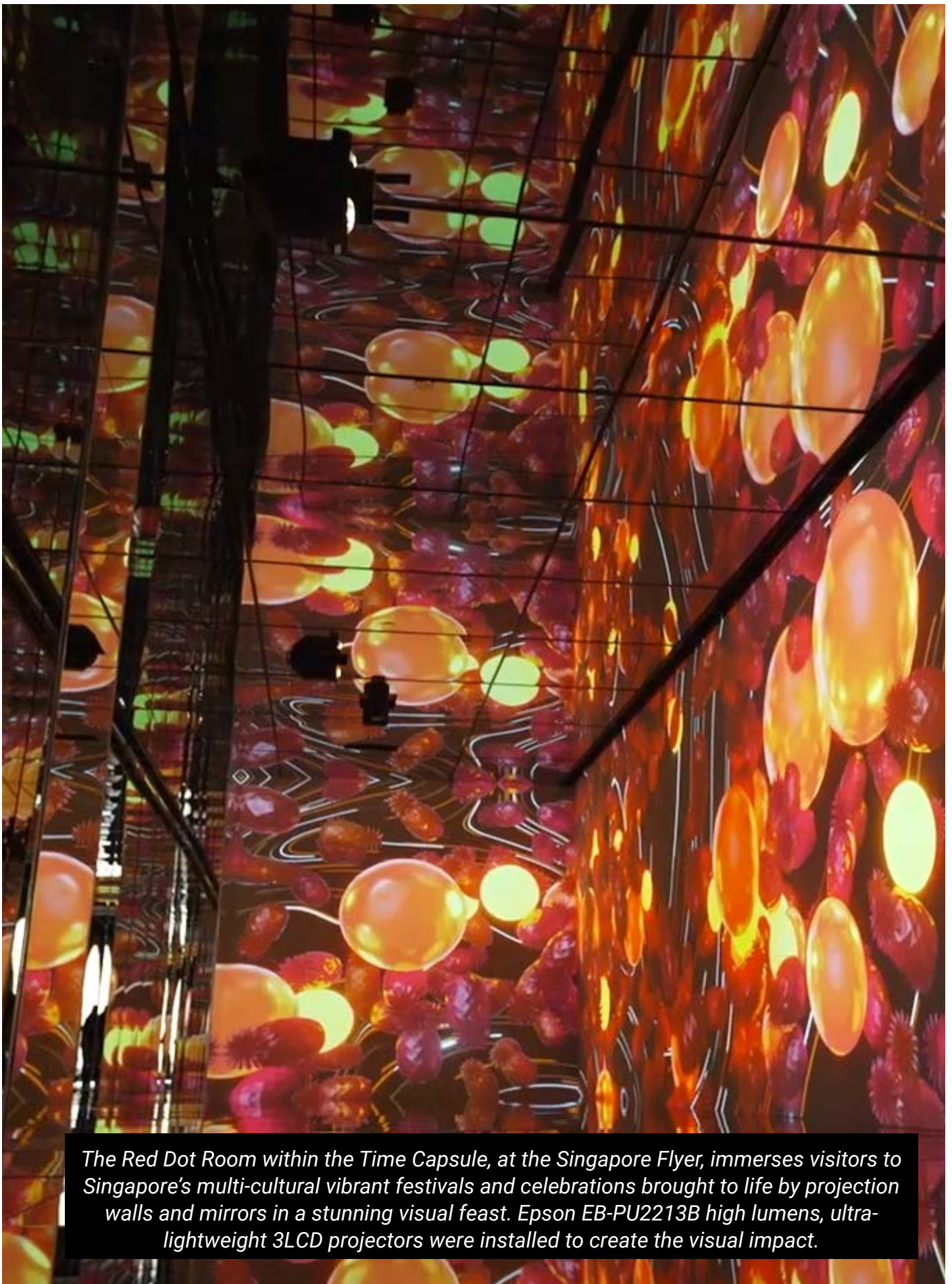
During InfoComm India, **Avocor's** Rohit AK, Director of Sales – India and Middle East, the company intends to start manufacturing its solutions for the education sector in the first quarter of 2026. Similarly, **NETGEAR** is also keen for the Make-in-India initiative. Having expanded their software operations to Chennai and handling a majority of the software development in India, the American networking major is actively contemplating local manufacture. According to Abhishek Anand, Head-Sales, India & SAARC, the company is exploring the options of manufacturing PoEs for surveillance market and government segment. "The initial approach would be to cater to India market; we will explore further options as we move ahead in time," he said.

**Online Instruments**, an Indian entity has been pushing full steam ahead with its Make-in-India initiatives. The company made industry headlines by launching India's first CKD Interactive Displays manufacturing plant recently – demonstrated their integrated AV experiential solution called VisionHub- the

central hub within Logic Workspaces, that unites displays, video conferencing, and AV frames into one cohesive platform. VisionHub is designed to integrate with modern AV ecosystems and scale with workplace needs; it offers a unified experience that harmonizes hardware, software, and user interaction. The solution comes with hardware compatibility with essential equipment like cameras, video bars, cable trays, power sockets, and mounts, and a sleek design with finish options in midnight grey and regal oak.

Another local entity making headwinds is **A&T Video Networks**. Their successfully concluded elAVate events offered attendees a closer look at A&T's Make-in-India AV and collaboration technologies designed for modern, connected environments.

In a most recent news, **Kaynes Technology**, a pioneer in next-generation electronics manufacturing, is advancing India's position as a global hub for innovation with the launch of the country's first advanced augmented reality (AR) waveguide manufacturing line, powered by DigiLens Inc.'s nanotechnology for Crystal waveguide displays used for smartglasses and various headworn devices. This launch adds India to the list of the select few nations able to master this critical technology for XR smartglasses and heads-up displays (HUDs), enabling them to power tomorrow's connected world. With over 37 years of expertise, Kaynes has made significant investments to build global capabilities in India, starting from a small assembly business to a leader serving automotive, aerospace, defense, and medical electronics. Located in Mysore, their new facility features a 3,000 sq. ft., state-of-the-art Class 1000 cleanroom. This milestone aligns with the "Make in India" initiative of establishing India as a manufacturing hub for the world, by creating jobs in domestic manufacturing and enhancing local technical skills.



*The Red Dot Room within the Time Capsule, at the Singapore Flyer, immerses visitors to Singapore's multi-cultural vibrant festivals and celebrations brought to life by projection walls and mirrors in a stunning visual feast. Epson EB-PU2213B high lumens, ultra-lightweight 3LCD projectors were installed to create the visual impact.*



## SINGAPORE

# Immersion Redefined: How Epson's 3LCD Projectors Brought the Singapore Flyer's Time Capsule to Life

*A fusion of storytelling, technology, and national pride transforms Singapore's skyline experience into a breathtaking journey through time*



Singapore's skyline has always told a story — one of ambition, progress, and transformation. Towering 165 metres above the city, the Singapore Flyer offers sweeping views of this ever-evolving metropolis. But before guests ascend into the sky, they first journey through time — inside the Flyer's reimagined **Time Capsule**, an immersive pre-flight experience that traces Singapore's evolution from a humble fishing village to a global city.

Reopened on **8 August 2025**, the Time Capsule has since captivated thousands of visitors.



"It's more than just an attraction; it's a bridge between history, culture, and the Singapore we see today," says **Tricia Cheo, Manager, Project and Customer Experience** at the Singapore Flyer.



## FACT FILE

**Project Name:** Time Capsule, Singapore Flyer

**Project Location:** Singapore

**Project Segment:** Hospitality

**Concept, Design and Integration:** Untitled Film Project Pte Ltd

**AV Highlight:** Blend of interactive games, 3D projection mapping, and multimedia storytelling, the attraction redefines engagement for a new generation of visitors

**Key AV Brand:** Epson projectors



*Interactivity within the Time Capsule journey adds to the experience of the visitor.*

Through a seamless blend of interactive games, 3D projection mapping, and multimedia storytelling, the attraction redefines engagement for a new generation of visitors. A companion web app further enhances the experience, inviting guests to connect personally with Singapore's story.

## Technology that Transforms Storytelling

Upgrading the Time Capsule was as much about creative reinvention as it was about technical precision.

"Choosing the right equipment was crucial," explains Cheo. "Epson projectors deliver outstanding colour brightness and sharp detail,

ensuring smooth, uninterrupted storytelling. Their reliability and flexibility allowed us to transform every space into a dynamic, immersive environment."

More than 60 Epson compact projectors were deployed throughout the attraction — each playing a key role in turning walls, floors, and ceilings into living canvases.

## A Creative Vision Brought to Life

Behind this transformation was **Untitled Film Project Pte Ltd**, the creative force responsible for the concept, design and integration of the Time Capsule's sixteen installations.



"Our goal was to bring Singapore's story to life in a way that was both immersive and unforgettable," says **Warren Mackenzie, Creative Director.**

Working with a multidisciplinary team of designers, engineers, and artists, the group combined **projection effects, motion capture, AI-driven visuals, and interactive elements** to craft spaces that respond dynamically to every visitor. Spatial soundscapes and directional audio deepen the emotional connection, making each moment uniquely memorable.



"Nearly every surface comes alive through Epson's projection technology," adds **Adrian Tsao, VFX Supervisor.** "From Singapore's earliest beginnings to a vision of 2035, visitors are

placed at the heart of the narrative."

## Precision in Every Pixel

For **Hogan Burrows, Managing Director at Untitled Film Project**, the partnership with Epson was vital to realising this vision.



"Epson's compact projectors were ideal for the space — low-profile yet powerful," says Burrows. "In rooms like the Red Dot Mirror Room, the ultra-short-throw lenses allowed us to project

seamlessly without interference. The result: vivid, lifelike imagery with 4K enhancement and true-to-life colour reproduction."

The collaboration between creative and technology teams ensured that every technical challenge — from complex projection mapping to calibration across irregular surfaces — was met with



"We worked closely in pre-production to align visuals perfectly," notes **Alex Chua, Manager - Visual Product at Epson Singapore.**

"Epson's reliability and advanced 3LCD technology enabled us

to complete the installation smoothly and on schedule."

## A Partnership that Elevates Experiences

The reimagined Singapore Flyer experience stands as a testament to what happens when creativity meets cutting-edge projection technology. The average dwell time of visitors has increased, and the full Singapore Flyer experience now takes more than 75 minutes to fully appreciate.

"Epson is an integral partner in bringing Singapore's story to life," concludes Cheo.

"From the vivid colours and accurate imagery in the Time Capsule to the stunning skyline views above, the journey is a holistic experience that connects past, present, and future."

Through this collaboration, the Singapore Flyer has not only redefined what an attraction can be — it has set a new standard for immersive storytelling in Asia. With Epson's projection technology at its core, Singapore's story continues to shine — brighter, bolder, and more inspiring than ever.

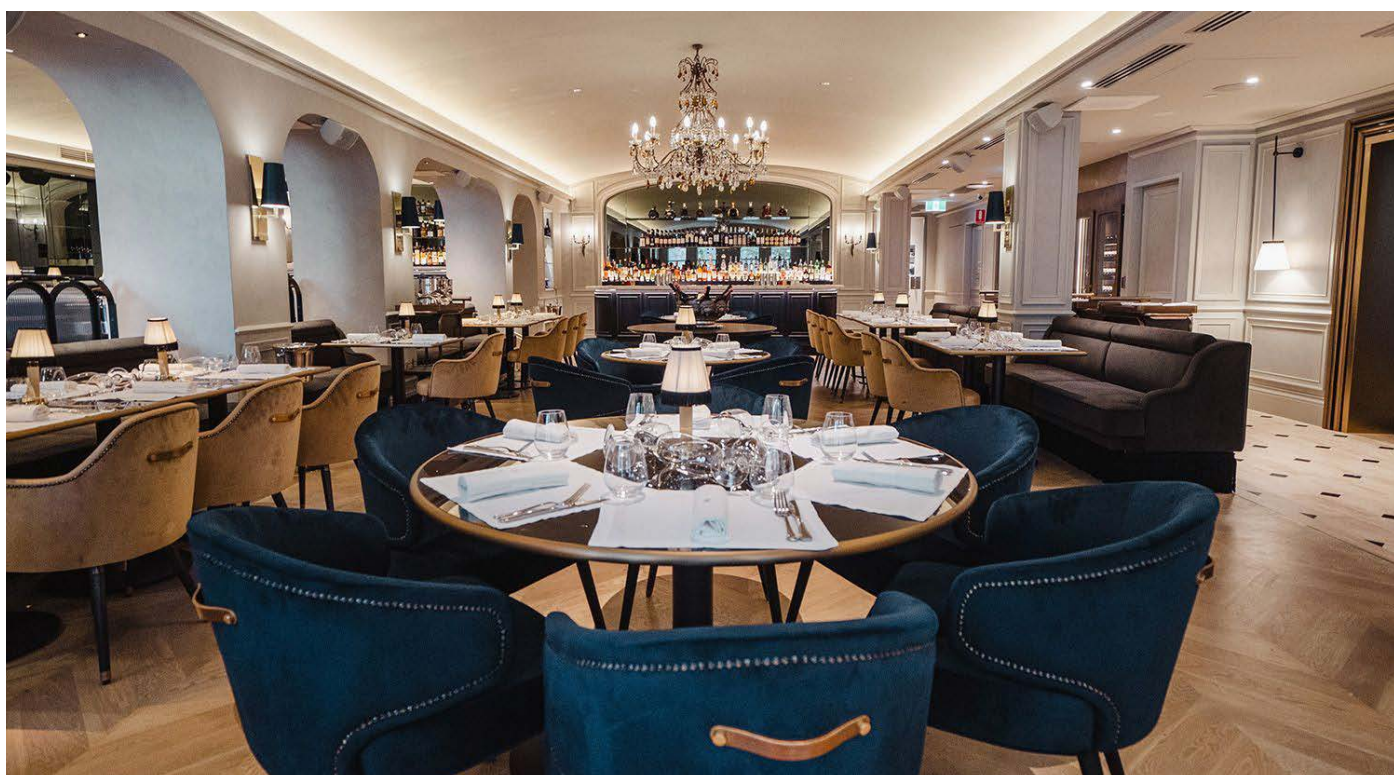
**Singapore Flyer**  
**Untitled Film Project**  
**Epson Singapore**



AUSTRALIA

# Powersoft's Unica Elevates Fine Dining at Maison Bâtard

*From French dining to a basement party worthy of an international superstar, Powersoft's third-generation amplifier platform is elevating the audio experience at the Melbourne hotspot*



At Melbourne's Maison Bâtard, the dining is exquisite, the design breathtaking and the sound every bit as carefully curated as the dishes. Behind the grand interior sit Powersoft Unica amplifiers, providing the audio capabilities to allow this four-level venue to sing – literally and figuratively.

From the outset, Lucas Restaurants and long-time audio partner, Zelo Group, set their sights on performance that would elevate Maison Bâtard beyond the usual restaurant

experience. The basement entertainment space, Le Club, demanded full-scale nightclub capability, while the restaurant and rooftop terrace required discreet but equally refined audio coverage. Meeting those ambitions called for amplification that could deliver club-grade punch one moment and subtle, crystal-clear ambience the next. Powersoft's Unica series proved the perfect fit.

"Unica represents a genuine step forward in amplifier technology," said Ben Clarke of



## FACT FILE

**Project Name:** Maison Bâtard

**Project Location:** Melbourne, Australia

**Project Segment:** Hospitality

**Systems Designers and Integrators:** Zelo Group in partnership with PAVT

**AV Highlight:** Delivering venue-wide audio capable of shifting from subtle, high-fidelity dining ambience to full nightclub performance in the basement, with precise area and table-level control

**Key AV Brand:** Powersoft



Throughout the building, Powersoft amplification drives a carefully tuned EAW loudspeaker system, from the MKC series in the dining spaces to the high-output MKD rig in Le Club. Each channel of Unica is individually addressable, giving management precise control over individual areas of the restaurant.

“If the restaurant wants a table-specific volume adjustment, it’s just a matter of a few taps,” noted Clarke. “That level of granularity, without excessive rack space or energy use, is a real advantage.”

distributor PAVT, who worked closely with Zelo on the design. “Its power-sharing architecture means a single standardised model can serve the entire venue. All available wattage is dynamically distributed where it’s needed, so you avoid racks of different amp types, and you gain flexibility that operators really appreciate.”

For a high-profile site like Maison Bâtard, reliability and serviceability were critical. Unica’s redundant cooling, front-panel foam filters for easy cleaning, and PoE-powered front end allow commissioning and remote diagnostics even before mains power is applied – ideal for a venue where downtime and visual clutter are unacceptable. Powersoft’s “easy-swap” approach to DSP modules adds further peace of mind, enabling quick on-site replacement by non-technical staff if ever required.

The results speak for themselves. Le Club has already hosted private events from global artists, including a memorable night where Drake pushed the system to its limits and left impressed. Upstairs, diners can enjoy music that enhances rather than competes with conversation, thanks to the same Powersoft backbone and a design that integrates acoustics from the earliest architectural stage.

With Powersoft Unica at its core, the venue delivers dynamic, immersive sound across every floor, demonstrating how advanced amplifier technology can shape the entire guest experience, from refined French dining to a basement party worthy of an international rap superstar.

*All Images © Maison Bâtard*

**Powersoft**

## SINGAPORE

# Extron NAV System Powers Flexible Three-Room Divisible Classroom at Curtin Singapore

*An installation that stands as a model for space optimisation and system intelligence in academic environments, delivering real-world value while future-proofing Curtin University Singapore's AV investment*



Curtin Singapore has been investing in scalable, forward-looking AV infrastructure to support its modern teaching methods. They recently completed Phase 4 of a long-term commitment to hybrid education and efficient space utilisation. The university undertook a project to convert three adjacent classrooms into a divisible learning environment. This space now accommodates three independent sessions, a pair of combined rooms, or a fully merged environment. And it's all powered by Extron's NAV Pro AV over IP platform.

The project, led by AV-Science Marketing Pte Ltd, focused on maximising the capabilities of limited physical space while maintaining seamless AV control, clear communication, and hybrid learning functionality. With flexibility and ease of use as guiding principles, Extron's AV-over-IP architecture became the ideal foundation for the transformation.

## Challenges

The goal of the project was ambitious: convert three standard classrooms into a reconfigurable

## FACT FILE

**Project Name:** Curtin Singapore Divisible Classrooms

**Project Location:** Singapore

**Project Segment:** Education

**Systems Designers and Integrators:** AV-Science Marketing Pte Ltd

**AV Highlight:** Transforming three adjacent classrooms into a fully reconfigurable hybrid learning environment (1:1:1, 1:2, or full merge) powered by real-time AV-over-IP routing and intuitive room control

**Key AV Brand:** Extron



space capable of supporting three distinct layouts: individual (1:1:1), partial merge (1:2), or full combination (3). The system had to be efficient, intuitive, and reliable enough for instructors to manage without technical assistance, while also meeting the university's baseline standards for hybrid instruction.

Signal routing and room control logic had to be dynamically adjustable in order to match the room configuration at any given time. At the same time, each zone needed to offer the full suite of AV resources, including PTZ cameras,

document cameras, wireless microphones, ceiling speakers, projectors, and flat panel displays. To complicate matters further, all of this functionality had to be delivered in a compact footprint that respected the spatial limitations of the existing classroom layout.

### Flexible Signal Distribution with NAV Pro AV over IP

At the core of Curtin Singapore's divisible classroom solution is Extron's NAV Pro AV over IP system, the only no-compromise AV-over-IP





platform specifically engineered for enterprise-scale deployments. NAV allowed the university to consolidate three classrooms into a fully flexible AV environment that can be divided or merged in real time. The system ensures signal integrity, system responsiveness, and user simplicity.

The NAV system provides a critical advantage in supporting multiple room configurations (1:1:1, 1:2, and full merge) by allowing AV signals to be dynamically routed between displays, sources, and control points across the three spaces; all over the existing Ethernet infrastructure. This flexibility is made possible by **NAV E 121 encoders** and **NAV SD 101 scaling decoders** which deliver visually lossless 4K/60 4:4:4 video with ultra-low latency, thanks to Extron's patented PURE3 codec.

With the ability to stream real-time, HDCP 2.3-compliant content, NAV preserves content quality and copyright compliance without introducing lag or video degradation. Its interoperability across both 1 Gbps and 10 Gbps networks also ensures that Curtin's AV investment is scalable. This allows for future expansion or reconfiguration without redesigning the core system.

The **NAVigator System Manager** enables secure, centralised management of the entire deployment from a single browser-based

interface. It simplifies configuration, monitoring, and diagnostics. This is a key benefit for campus IT and AV support staff managing multiple teaching environments.

For Curtin Singapore, NAV delivers more than just high-quality AV signal transport. It provides an adaptable backbone for teaching and conferencing that matches the university's commitment to innovation and efficiency in higher education. By enabling real-time room reconfiguration, future-proof scalability, and enterprise-level control, NAV has empowered the university to do more with its limited space.

"Extron AV systems are very easy to use. From an integration standpoint, their architecture allowed us to solve what could've been a very complex routing problem. More importantly, instructors can walk into the space, tap a few buttons, and everything works. That level of functionality is exactly what institutions like Curtin need," said Bertrand Seah, General Manager, AV-Science Marketing Pte Ltd.

## Simplified Control with TouchLink Pro and IP Link Pro

Control is handled via the **TLP Pro 1025T 10" Tabletop TouchLink Pro touchpanel** conveniently mounted on the equipment rack within the room. From this interface, instructors can power displays, select sources, initiate room combinations, and adjust audio settings without navigating complicated menus. The control logic is managed by the **IPCP Pro 250 xi control processor** which meshes seamlessly with Extron's NAV system and peripheral devices.

## Integrated AV for Hybrid Teaching and Clear Communication

HDMI signal extension is accomplished using **DTP HDMI 4K 230 Tx/Rx pairs** enabling connectivity from local sources to projectors and flat panel displays across the combined



spaces. A **MediaPort 200** HDMI and audio-to-USB scaling bridge enables integration with conferencing platforms, supporting hybrid and remote participants.

### Scalable Audio Processing and Clear Sound Coverage

Audio clarity was a critical component of the solution. Voice and media signals are routed through an **Extron DMP 128 Plus C AT digital signal processor** featuring AEC and Dante audio networking. Amplified by **XPA U 1004 four-channel amplifiers** sound is delivered evenly across the space through **SF 26CT SoundField XD ceiling speakers**

Each room is also equipped with PTZ cameras, document cameras, and wireless microphones,



allowing educators to switch seamlessly between in-person and hybrid teaching modes. When rooms are merged, the AV system automatically scales audio and video routing based on the current configuration, requiring no manual intervention.

The finished space now delivers a high level of adaptability without compromising user experience. Instructors can operate the system with minimal training, even when the room layout changes. Whether hosting a lecture, a hybrid seminar, or a multi-room workshop, the AV infrastructure adapts in seconds to support the activity.

“The ability to reconfigure the space instantly without compromising audio or video quality is a game changer. NAV gave us the flexibility and control we needed, all on a single network,” shared Bertrand Seah, General Manager, AV-Science Marketing Pte Ltd.

From an operations standpoint, the Extron system enables Curtin Singapore to achieve more with fewer resources. With one centralised AV infrastructure supporting three rooms in multiple configurations, the university has reduced both hardware redundancy and long-term maintenance complexity.

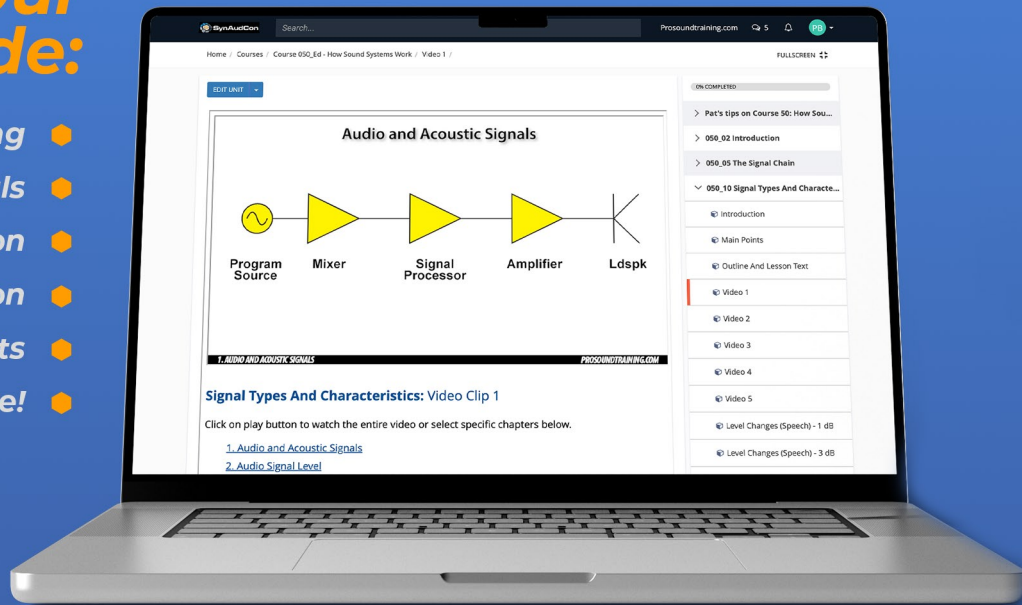
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