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AUDIO I VISUAL I CONTROL I COLLABORATION I UNIFIED COMMS



AI-generated concept image; not an actual project photograph.

Bringing Stories to Life:

Immersive and Interactive AV in Museums and Visitor Experience Centres

INTERVIEW
Mike Blackman, Managing Director, Integrated Systems Events

HEADLINE NEWS
Barco Control Rooms Amplifies Commitment to the Indian Market by Opening a new Experience Center in Bengaluru

INSTALLATION
Aavara Powers Taichung International Convention Center

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From the Publisher

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From enveloping soundscapes to exhibits that respond to visitors, AV is transforming how stories are told and experienced. But creating truly immersive and interactive spaces requires more than technology. It demands a thoughtful balance of storytelling, technical integration and operational considerations. Our Feature column explores the key elements behind successful immersive experiences, complemented by three case studies that demonstrate how purposeful AV integration can leave a lasting impression.

Our Installation column takes us to the Taichung International Convention and Exhibition Center, where more than 158 Aavara Dante AV-A Senders/Receivers integrate seamlessly with Shure, Yamaha and Bosch audio systems, managed through Dante Domain Manager (DDM), to deliver a unified, world-class AV-over-IP environment.

Looking ahead to Integrated Systems Europe (ISE) 2027, Mike Blackman, Managing Director of Integrated Systems Events, shares his perspectives on the upcoming show. His key advice to visitors? Know what you want to achieve before you arrive. Sound advice, given the sheer scale of the exhibition and its extensive programme.

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ISE: Bringing People, Technologies and Markets Together



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As the world's largest AV show beckons us in 2027, SI Asia catches up with **Mike Blackman, Managing Director, Integrated Systems Events**, about what we can expect at Integrated Systems Europe 2027.



Although ISE began as a European event, it now attracts visitors from around the world, including a substantial audience from Asia. Have you seen attendance from Asia grow in recent years? What do you think is driving that interest?

Yes, we have seen ISE's reach across Asia continue to strengthen. ISE 2026 welcomed attendees from 181 countries, with 14% of attendees travelling from Asia, reflecting the increasingly global nature of the show.

Across Asia, there is strong investment in areas such as digital signage, smart buildings, immersive experiences, broadcast and enterprise collaboration, and these are all sectors where ISE brings the complete ecosystem together. Visitors value the opportunity to see a very broad range of technologies in one place, meet global manufacturers and partners, and exchange ideas with an international community. As AV, IT and other adjacent industries converge, that global perspective becomes even more important, and I believe this is a key reason why ISE continues to resonate so strongly with professionals from Asia. Our theme for ISE 2027,

'When worlds unite', captures that spirit: bringing people, technologies and markets together, so that ideas and expertise from one part of the world can open up new possibilities in another.

With so much to see, visitors cannot cover the entire show. How would you recommend they plan their visit to get the most value from ISE?

The first step is to decide what you want to achieve before you arrive. ISE is a huge show, so I would encourage visitors to identify their priority technology areas, exhibitors and content sessions, then build a flexible schedule around them. Both the ISE website and app, which is available soon, are continuously updated to bring together all the information and resources visitors may need, such as the exhibitor list, full content programme, interactive floorplan and exhibitly, our AI planning tool.

For AV and system integration professionals, make sure you start your visit with Multi-Technology Zone in Halls 3, 5 and 8.1, where solutions spanning multiple verticals from the leading brands are presented. It is also worth exploring beyond your immediate specialism. Some of the most valuable ideas now emerge where AV meets IT, broadcast, live events, smart buildings, education and the creative industries.

Finally, leave space for unexpected conversations and discoveries, including a visit to Innovation Park in Congress Square. ISE is as much about the people you meet as the technology you see.

AI is attracting considerable attention across the AV industry. What should visitors look for at ISE to understand its practical applications, and are there any talks or sessions you would particularly recommend?

Visitors should look beyond the headline claims and focus on where AI is already solving real problems. Across the show floor, they will see practical applications in areas such as system design and configuration, automated production, content creation and management, personalisation, collaboration, monitoring and predictive maintenance. The important questions are what measurable value the technology delivers, how it integrates with existing workflows, and how issues such as data governance, security and human oversight are being addressed.

Our ISE 2027 content programme will address the pressing AI topics through the expanded Megatrends programme taking place in CC4. The business keynote speaker, Mo Gawdat, will take to the stage on Tuesday 2 February to evaluate the current impact of AI whilst raising bigger questions surrounding the speed of change, responsibility and human behaviour and address how organisations should respond.

You've helmed ISE through incredible growth. What has been the most rewarding part of that journey for you personally?

The most rewarding part has been seeing ISE become a meeting place for the global industry while retaining the sense of community that has always been at its heart. Growth is important, but what matters more is what that growth enables: new partnerships, new ideas, business opportunities and connections between people who may not otherwise have met. I am particularly proud of the way the show has evolved alongside the industry, bringing together AV, IT, broadcast, live events, smart buildings, education and the creative industries. Every year, when the doors open and you see exhibitors, visitors, speakers and partners from around the world come together, there is an enormous sense of shared purpose. Knowing that ISE helps people move their businesses and our industry forward is tremendously rewarding.

Systems Integration Asia readers can save up to €300 by registering HERE using code tmbroadcast for a FREE ISE visitor badge.



Barco Control Rooms Amplifies Commitment to the Indian Market by Opening a new Experience Center in Bengaluru

Step into Barco's new Experience Center in Bengaluru and you can feel the company's commitment to the Indian market. The center is the company's second in the country after Noida, and it comes with a simple invitation: come and test it yourself.

Barco's Bengaluru Experience Center is built for government technology companies, Global Capability Centers (GCCs), IT services firms, semiconductor and aerospace organizations, and private enterprise network and security operations centers (NOCs/SOCs) across South India. Several fully equipped spaces bring visualization and collaboration technologies together under one roof. Customers and integrators can run complete workflows, compare display technologies and design a control room around their mission.

A Clear Path from Rear Projection to LCD and LED

Barco's rear-projection cubes (RPCs) have been at the heart of mission-critical control rooms across India for many years, and the company remains fully committed to supporting and upgrading existing RPC installations. At the same time, the market is moving to active LED platforms (especially chip-on-board (COB) technology) and to bezel-less LCD video walls. These take up less floor space, are easier to install and offer wide viewing angles. Barco's specialists help customers decide when and how to transition to one of these state-of-the-art technologies, so earlier investments stay protected while control rooms get ready for the next decade.

Made for India, Secured in India

The Bengaluru Experience Center is one piece of a wider investment. Barco's Make in India portfolio includes Barco UniSee 500+, Barco CTRL and the IBX-I LED platform. Combined with Infinipix, IBX-I helps secure the complete visualization ecosystem, from source to pixel. Barco India's operations are ISO 27001 and ISO 45001 certified, and Barco CTRL even carries



VAPT certification from CERT-In (India's national cybersecurity agency) empanelled agencies.

"Our customers in India expect technology that is secure, locally supported and ready for the domestic market," said **Sanjay Katyal, Sales Team Manager India at Barco**. "With two Experience Centers, a Make in India portfolio and certified security, we can give them exactly that. And our teams in Noida and Bengaluru stay close to every project."

Engineering Talent, Hired Locally

Behind these products stands a growing engineering team in Noida, which remains a key hub for R&D, sales and customer support. As India is one of the main contributors to engineering talents – with 1.5 million students taking India's main engineering entrance exam annually – Barco is actively recruiting top talents. Barco's Campus Recruitment program, launched in 2021, welcomes only computer science graduates from the top 1% of candidates, from institutes such as IIT Delhi, IIT Roorkee, IIT BHU and DTU. In 2026, another large group of new hires joined Barco Noida.

What this Means for You

For Barco integrators, the benefit is practical: two Experience Centers to demonstrate solutions to end customers, local teams in Noida and Bengaluru that stay close to every project, and a portfolio built for the domestic market. "India is one of the most dynamic control room markets in the world, and we are very proud of our presence here," highlighted **Tom Sys, EVP Barco Control Rooms**. "Opening a second Experience Center, focusing our Make in India portfolio and investing in local engineering talent all point in the same direction: our long-term commitment to India, together with our Indian customers and partners."

Want to know more or make an appointment to visit the Experience Centre? Scan the QR-code to visit the Barco Control Rooms India page.

ESCO Joins a Select Group of ME04 L6 BCA-accredited Contractors

SINGAPORE: ME04 covers Communication & Security Systems, an area closely aligned with ESCO's expertise in integrated audiovisual, unified communications, workplace technology, security infrastructure, and hostile mitigation solutions for modern organisations and critical environments.

Achieving the L6 grade strengthens ESCO's credentials to participate in larger and more complex projects while demonstrating the company's continued commitment to technical capability, project delivery, operational excellence, and long-term industry growth.

Priscilla Ho, Chief of Staff, ESCO noted that "This accreditation reflects the discipline and teamwork behind how ESCO has grown in Singapore. It gives us a stronger platform to take on larger, more complex projects while staying focused on the standards our clients expect from us."

Strengthening ESCO's Position in Singapore

For more than three decades, ESCO has supported organisations across Asia with technology solutions designed to improve how people communicate, collaborate, operate, and stay protected within increasingly connected environments.

The ME04 L6 accreditation further strengthens ESCO's ability to support major developments and enterprise projects requiring sophisticated communication, security, and integrated technology systems.

Chris Lim, President, AV, ESCO, remarked, "AV is no longer a standalone layer as it is part of the wider digital and operational fabric of a building. This ME04 L6 accreditation strengthens our ability to bring AV, unified communications, and workplace technology into larger, more integrated projects from the outset."

Beyond audiovisual and workplace technologies, ESCO's capabilities also extend into hostile mitigation and physical security solutions, supporting organisations that require stronger protection for people, premises, and critical assets.

Through its hostile mitigation division, ESCO provides solutions designed to complement broader security infrastructure, helping clients address evolving physical security risks as part of a more integrated approach to building and site protection.

"This achievement marks a significant milestone in our nine-year journey of delivering comprehensive physical security solutions. It reflects our team's dedication and the continued trust and support of our customers and partners. The L6 accreditation upgrade positions ESCO to pursue larger projects, deliver greater value to customers, strengthen direct engagement and accountability, and provide seamless turnkey delivery, while supporting continued growth and investment in our people and capabilities." Sanjeev Bhat, President, Hostile Mitigation Division, ESCO, shared.

From corporate offices and meeting environments to education, hospitality, government, critical infrastructure, and large-scale facilities, ESCO brings together technology, engineering expertise, project management, security capabilities, and after-sales support under one integrated approach.

"Complex projects succeed when planning, engineering, and delivery move as one."



Ifraq Bin Mohamed Basir, Team Lead, PMO Department, ESCO, said. “This accreditation validates the discipline our teams have built and positions us to manage greater scale without compromising execution and premium standards.”

A Milestone That Opens New Opportunities

Being among only 26 ME04 L6 BCA-registered contractors in Singapore reflects another step forward in ESCO’s continued development within the local market.

The accreditation provides ESCO with an even stronger foundation to pursue major projects, collaborate with consultants and construction partners, and support clients looking for experienced partners capable of delivering complex communication, technology, and security infrastructure.

As workplaces, public spaces, and buildings become increasingly connected, ESCO remains focused on helping organisations create environments that are smarter, more collaborative, more secure, and ready for the future.

Its growing capabilities across AV, unified communications, workplace technology, security systems, and hostile mitigation position ESCO to support projects with increasingly complex operational and safety requirements.

ESCO

> “The L6 accreditation upgrade positions ESCO to pursue larger projects, deliver greater value to customers, strengthen direct engagement and accountability, and provide seamless turnkey delivery, while supporting continued growth and investment in our people and capabilities.”
>
> Sanjeev Bhat, President, Hostile Mitigation Division, ESCO

AthenaSpace's AthenaSignage Secures Crestron AirMedia Certification

GLOBAL: AthenaSpace has achieved the Crestron 'Works with Crestron AirMedia Technology' certification for AthenaSignage, its digital signage module. The certification confirms interoperability between AthenaSignage and Crestron AirMedia-enabled environments, supporting digital signage deployment across workplaces, healthcare facilities, educational campuses, retail environments, and other managed spaces.

"Most screens in a workplace only earn their keep while they're running a meeting," said Tanish Dhillon, Executive Director, AthenaSpace. "This certification means we can flip that. The same display that leverages Crestron AirMedia to power your Teams call can carry your announcements and updates the moment that call ends. That's what maximising a screen's ROI actually looks like, and it's exactly the kind of problem we built AthenaSignage to solve."

Turn Idle Screens into Active Assets

Many displays utilise AirMedia technology in ways associated with the meeting experience, such as presentations and conferencing. With this certification, organisations can further extend the value of those displays by supporting digital signage when they are not being used.

Outside of meetings, AthenaSignage turns that display into a communications hub, running announcements, updates, and other important information rather than a blank standby screen. Organisations get more use from hardware they have already invested in, without needing a separate display purely for signage.

Certification and Integration Details

The 'Works with Crestron AirMedia Technology' programme recognises third-party technology that has been evaluated for compatibility within the Crestron ecosystem. AthenaSignage has completed the certification process, giving organisations a more streamlined way to deploy digital signage alongside Crestron technology, with no separate display or additional installation required.

AthenaSignage can be managed through the AthenaSpace dashboard, giving administrators a centralised view of digital signage across their sites. Whether a hospital corridor is displaying wayfinding information or a retail floor is showing promotional content, screens can be managed through the same platform.

Deployment Across Managed Environments

The certification supports AthenaSpace customers across a wide range of settings, including schools and universities, hospitals and clinics, retail environments, and corporate offices.

Many organisations operate mixed hardware estates, with different devices and display technologies deployed across their spaces. Certified interoperability helps reduce the complexity of digital signage deployment, making it easier to maintain consistent content and centralised control across different environments.

For organisations managing multiple locations and display types, AthenaSignage provides a centralised approach to digital communications while remaining part of the broader AthenaSpace platform.



Product Availability

AthenaSignage with the Works with Crestron AirMedia Technology certification is live today. To let organisations try digital signage without upfront commitment, AthenaSpace is offering a 90-day free trial of AthenaSignage with every Crestron AirMedia purchase. Teams can test how existing screens handle announcements, wayfinding, emergency notices, and promotional content across their spaces.

"The 90-day free trial gives organisations a practical way to see how AthenaSignage can turn the screens they already have into always-on communication channels," said Tanish Dhillon, Executive Director, AthenaSpace. "It lowers the barrier to getting started and helps teams evaluate signage across real workplace, healthcare, education, and retail use cases before making a longer-term commitment."

AthenaSignage



Arbane Groupe Appoints Fidato as India's Exclusive Distributor for APG and Active Audio



INDIA: Arbane Groupe has appointed Fidato as the exclusive distributor for both **APG Audio** and **Active Audio** across India. The agreement covers the entire Indian market, with Fidato taking responsibility for distribution, channel development, sales, service and market expansion for both brands nationwide. The contract was signed at Arbane Groupe's headquarters near Nantes.

Fidato is a value-added distributor of professional audiovisual solutions in India, supplying a curated portfolio of AV products and technologies to end customers, systems integrators, resellers and channel partners across the country. The company positions itself on a partner-first approach, technical expertise and long-term relationships rather than simple product supply, backed by responsive pre-sales, technical and post-sales support.

For Fidato, the appeal is in the engineering behind the two brands and in how differently they cover the market. APG has a long heritage in professional sound reinforcement and is known for natural sound, acoustic performance and its loudspeaker technologies, giving Fidato solutions for live sound, events, auditoriums, theatres and fixed installations. Active Audio brings expertise in architectural and installed sound, particularly where speech intelligibility, controlled directivity and performance in acoustically challenging environments are the deciding factors.

"What attracted us to APG and Active Audio was the combination of strong acoustic engineering, product quality and the complementary nature of the two brands," said Naveen Sharma, Managing Director of Fidato. "Together, they allow us to address a wide spectrum of the Indian professional audio market with solutions that are technically strong, reliable and relevant to the evolving needs of our customers and partners."

The brands also extend what Fidato can offer to a network it already has in place. The company works with systems integrators, AV consultants, resellers and project partners across India, many of them on projects where professional audio forms a significant part of a wider AV solution. Adding APG and Active Audio lets Fidato engage those existing partners on a broader range of opportunities while opening up new project categories and specialist audio partners beyond its current business.

Initial focus will fall on four areas. In corporate and conferencing applications, the requirement is clear speech intelligibility, uniform coverage and audio quality that integrates into modern meeting and collaboration environments. Entertainment and hospitality venues, including bars, pubs, clubs, discotheques and lounges, call for something different again. They need high-impact sound, consistent coverage and reliability, all delivered in a way that still works with the architecture and aesthetics of the room. The fourth is acoustically challenging venues, where reverberation, complex geometry or difficult coverage requirements demand an engineered approach rather than an off-the-shelf one.

"Our strategy will be application-led rather than product-led," says Sharma. It's that approach that reflects where Fidato sees the Indian professional audio market heading. Customers have become considerably more aware of what good audio contributes to a space, and demand is shifting towards solutions that go beyond basic sound reinforcement towards better intelligibility, coverage and overall experience. Consultants and systems integrators are becoming more design- and performance-focused in turn, which creates an opening for manufacturers with genuine engineering depth.

"This is why we believe it is the right time to introduce APG and Active Audio more strongly into the Indian market," said Sharma. "Both brands bring a very strong French engineering heritage and a solution-oriented approach to acoustics. They give us technologies that can address real challenges in Indian projects rather than simply adding another loudspeaker option to an already crowded market. Our role will be to make their technology accessible, understood and well supported in India."

For Fidato, the agreement represents a step beyond adding two names to a portfolio.

"Partnering with Arbane Groupe represents an important milestone for Fidato," noted Sharma. "This agreement is not simply about bringing APG and Active Audio to India. It is about bringing proven technologies, strong engineering and new possibilities to our customers and partners. For our customers, this partnership ultimately means greater choice, better-engineered solutions, and the confidence of having strong local support behind world-class audio technology."

Arbane Group

NETGEAR Expands Professional Services Beyond Networking

GLOBAL: As AV-over-IP installations grow in scale and complexity, the distinction between network performance and production workflow issues is becoming increasingly difficult to manage. NETGEAR Enterprise is addressing this challenge by expanding its Professional Services program beyond network infrastructure, with NDI becoming the first ecosystem partner to join the initiative.

The agreement allows customers and systems integrators to access NDI workflow design and optimisation services through NETGEAR's existing distribution and reseller channel. The move brings network and workflow expertise under one service offering, helping simplify the design, deployment and troubleshooting of AV-over-IP systems.

Previously, NETGEAR's Professional Services focused on network design, deployment and optimisation. Although its Pro AV switches have supported NDI for years through certified hardware and dedicated preconfigured profiles, services relating to the production workflow remained outside the program.

The expanded offering changes that arrangement. NETGEAR can now scope and sell NDI workflow services through its established two-tier channel, with each engagement tailored to the project's requirements. These project-based services operate independently of NETGEAR's Premium Support tiers.

The development addresses a common challenge facing integrators. What begins as a relatively straightforward AV-over-IP installation in a meeting room or studio can quickly develop into a complex network of interconnected devices across multiple spaces or buildings. When performance issues arise, identifying whether the problem originates in the network, the workflow, or the interaction between the two can prove difficult.



"We launched Professional Services at the network layer, and this partnership with NDI extends that same program to what runs on top of the network," said Massimo Mazzeo, VP, Global Systems Engineering, Customer Support and Services at NETGEAR Enterprise. "For our customers, the scope now covers the NDI workflow as well, so the expertise for the network and the expertise for the production layer come from the same place."

Building on an Established AV-over-IP Relationship

NDI is a natural starting point for the expanded program, having been NETGEAR's longest-standing AV-over-IP partner.

The relationship stretches back to NDI becoming the first AV-over-IP protocol supported by a NETGEAR Pro AV profile. Since then, NETGEAR's Pro AV switches have undergone certification at NDI's testing facilities, while NDI training has been made available through NETGEAR Academy.

NETGEAR also holds a seat on NDI's Technical Advisory Board, reinforcing the technical collaboration between the two companies. "NDI's growth in Pro AV has brought in a different kind of customer, one who depends on their integrator to design the system rather than building it themselves," said Charles Dobson, Director of Business Development at NDI. "Making our expertise available through NETGEAR's channel puts it where those projects are actually specified."

More Ecosystem Partners to Follow

While NDI is the first partner to join the expanded Professional Services program, NETGEAR intends to extend the model to other ecosystem partners.

The company emphasised that its Pro AV portfolio remains protocol-neutral, with continued support for the range of AV-over-IP technologies available on its switches.

For systems integrators, the broader significance lies in how AV-over-IP projects are supported. As installations increasingly depend on the interaction between network infrastructure and specialised production workflows, access to expertise across both areas could help reduce the complexity of deployment and ongoing system optimisation.

NDI workflow services are available through NETGEAR's authorised distribution and reseller channel, with services tailored to each project. Partners and customers can discuss their requirements with NETGEAR **here**.

NETGEAR

4th XR Asia Summit 2027 Set to Advance AI x XR and Immersive Technology

MALAYSIA: XR Summits Sdn Bhd, a home-grown Malaysian technology ecosystem platform, has announced that its flagship annual B2B event, the 4th XR Asia Summit 2027 (XRAS27), will take place from **20–22 January 2027 at the National Film Development Corporation Malaysia (FINAS)**. The event was originally scheduled for December 2026 before being moved to its new January dates.

The pre-announcement marks the start of the build-up towards XRAS27, creating greater visibility and inviting industry, technology providers, partners, creators, educators, investors and talent from Malaysia and across APAC to be part of the upcoming Summit.

Since 2021, XR Summits has built an ecosystem spanning industry, technology, education, talent development and strategic partnerships. Malaysian-built, APAC-focused and globally connected, the platform combines local market understanding with regional and international technology expertise and opportunities.

At the heart of XRAS27 is the convergence of AI, XR, Spatial Computing, Spatial Media, Virtual Production and immersive technologies with industries that can put them to work, moving innovation beyond concept into practical solutions, real-world deployment, adoption and commercialisation.

“XR Asia Summit was curated in Malaysia to move innovation beyond conversation into real-world deployment. As a Malaysian-built, APAC-focused and globally connected platform, XRAS27 brings industry, technology and talent together to create meaningful opportunities,” said Louis Clovis, CEO of XR Summits.



The 4th XR Asia Summit 2027 will focus on three key areas: deployment-ready innovation, AI × XR convergence, and building future-ready talent for Malaysia and across APAC, while providing a platform for industry exchange, technology showcases, knowledge sharing and strategic collaboration.

The XR Asia Summit 2027 aims to create opportunities for Malaysia’s film and creative content industry to explore innovative technologies, build strategic collaborations and strengthen capabilities in virtual production and immersive content. By connecting local talent with regional and international technology partners, the summit can contribute to Malaysia’s development as an emerging hub for immersive technologies.

The Summit is supported by FINAS, the Ministry of Communications, Ministry of Digital, AI Malaysia, Ministry of Science, Technology and Innovation, Ministry of Higher Education, and the Tun Abdul Razak Broadcasting and Information Institute (IPPTAR). Industry leaders, technology partners, organisations and participants interested in being part of XRAS27 can find further information and register with the link below.

XR Summits

Signify and Bose Professional Join Forces to Create Experience-Led Intelligent Spaces

SEA: Signify and **Bose Professional** have signed a Memorandum of Understanding (MoU) to jointly explore and develop opportunities in integrated lighting and audio solutions across Southeast Asia (SEA). The MoU will help customers create experience-led intelligent spaces that are more engaging, productive and valuable.

The timing reflects strong regional momentum. According to IDC, ICT spending across Asia Pacific is forecast to reach US$647 billion in 2026, as organisations modernise their infrastructure for the next era of connected and intelligent operations.

Light and Sound, Designed Together

The partners will combine Signify's professional and connected lighting, including Interact, Dynalite and Color Kinetics, with Bose Professional's loudspeakers, amplifiers and ControlSpace audio ecosystem. Together they will develop reference architectures, demonstrations and proofs-of-concept, and engage customers jointly with system integrators, consultants and channel partners.

The initial focus will be on stadiums, arenas and entertainment venues, hospitality, immersive retail and experience centres, and flexible, engaging workplaces.

As Tempelman, CEO of Signify, said, "In today's economy, experience has become one of the strongest differentiators a business can have. Stadiums, hotels, stores and offices are increasingly judged by how they make people feel, and light and sound shape that feeling more than almost anything else. This collaboration reflects our focus on connected lighting and on being a more customer-led company. Together with Bose Professional, we can help customers turn their spaces into lasting value."

Jitender Khurana, CEO of Professional Business for Southeast Asia & Far East, Signify said, "Across SEA, the spaces that win are the ones people remember, and light and sound sit at the heart of that. By combining Signify's



(L-R) Hui Ming Tan, Sales Manager, SEA Distribution, Bose Professional; As Tempelman, CEO, Signify; Nittin Dargan, Regional Director - MEA & APAC (Export), Bose Professional; Rami Hajjar, President, Emerging Markets, Signify Professional; Jitender Khurana, CEO, Southeast Asia & Far East, Signify Professional; Ashutosh Singh, Head of Partner Channel & Sales, APAC, Signify Professional.

connected lighting with Bose Professional's audio expertise, we can offer customers one integrated experience that is simpler to design, deploy and manage."

Nittin Dargan, Regional Director – MEA & APAC (Export), Bose Professional added, "Great sound and great light have always worked hand in hand, yet they are too often planned separately. Together with Signify, we will help integrators, consultants and venue owners across SEA create spaces that look, sound and feel exceptional, from hotels and retail to sports and entertainment venues. We look forward to delivering our first lighthouse projects together."

Signify brings an installed base of 171 million connected light points and its highest-ever EcoVadis score of 88, while Bose Professional brings more than 50 years of professional audio heritage and a regional presence that includes its Experience Centre.

PureLink Strengthens Commitment to Next-Gen AV/IP with SDVoE Alliance Membership

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 welcomed PureLink GmbH to the Alliance as an Adopting Member.

Founded in 2006, **PureLink GmbH** is a leading manufacturer of professional connectivity solutions for AV and IT, specialising in solutions for video conferencing, modern workspace connectivity, and USB-C technology. Headquartered in Rheine, Germany, PureLink currently serves customers in more than 85 countries, with a diverse product range encompassing 3000 SKUs of ProAV products.

"Joining the SDVoE Alliance is an important step in our continued commitment to delivering high-performance AV solutions built for the future," said Christian Ahrens, CEO of PureLink GmbH. "As customer demand grows for more scalable, flexible and interoperable AV-over-IP systems, SDVoE provides a powerful technology platform that aligns perfectly with our vision for next-generation AV infrastructure."

"PureLink has built a strong reputation for dependable AV connectivity and signal management solutions across a wide range of markets," said Stephane Tremblay, president of the SDVoE Alliance. "We're excited to welcome them to the Alliance as an Adopting Member and look forward to collaborating on solutions that help integrators and end users unlock the full potential of Ethernet-based AV."

The SDVoE platform is built on a 10 Gbps Ethernet architecture known as the "Power of 10," enabling high-performance AV applications with zero latency, uncompressed video and scalable system design over standard network infrastructure. As a provider of AV signal management and connectivity solutions, PureLink is well positioned to leverage these capabilities to support increasingly complex AV environments.

SDVoE Alliance

Concept Associates and Next Visual Unveil Shure IntelliMix Bar Pro at Exclusive UC Showcase

MALAYSIA: Concept Associates (KL) Sdn. Bhd. (CAKL) and AV and video conferencing distributor **Next Visual Sdn. Bhd.** co-hosted the Shure IntelliMix Bar Pro Experience Day on 6 October 2026 at Next Visual's Experience Centre in Subang Jaya.

The event marked Next Visual's official appointment as Shure's dedicated Unified Communications (UC) partner and introduced Shure's first all-in-one, plug-and-play video conferencing bar to Malaysia's enterprise customers, AV consultants and system integrators.

Joining the two companies were Shure representatives Rajalakshmy Nair, Head of Marketing for the Middle East, Africa and Asia Pacific, and Kevin Koh, Marketing Manager, Shure SEA. Next Visual Managing Director Liew KK and Concept Associates Managing Director Castrit Lim were also present to mark the partnership.

Putting Meeting Performance to the Test

Designed for medium-to-large meeting spaces, the **IntelliMix Bar Pro** was demonstrated through a live connection between Subang Jaya and Singapore, allowing attendees to assess its performance in a working conferencing environment.

Gerald Lee, Associate Manager, Market Development, Shure SEA and Pacific, joined remotely from Singapore through the IntelliMix Bar Pro. The session demonstrated the bar's onboard IntelliMix AI-powered digital signal processing, including real-time noise and reverberation reduction.



(L–R) Jessica Ong, Marketing Manager, Concept Associates; Rajalakshmy Nair, Head of Marketing, Shure Middle East, Africa & APAC; Liew KK, Managing Director, Next Visual; Castrit Lim, Managing Director, Concept Associates; and Kevin Koh, Marketing Manager, Shure Asia.



Attendees also saw the Quad 4K Camera Array in action, with demonstrations of automatic framing and facial tracking across a wide conference layout. The live format gave guests an opportunity to judge how the system handled both sound and participant visibility during a call.

Guests then moved into the Experience Centre's dedicated Huddle Room for a closer, hands-on evaluation. With a live call to Singapore running through the system, they explored the bar's physical design and edge-mounted camera optics, alongside its Microsoft Teams Rooms on Android platform, Microsoft Device Ecosystem Platform (MDEP) security features and centralised ShureCloud management capabilities.

Bringing Audio and Visual Expertise Together

The partnership responds to demand for conferencing systems that combine straightforward IT deployment and management with professional AV audio performance.

Next Visual's expanded portfolio includes Shure's enterprise UC solutions, including the IntelliMix Room Kit series and IntelliMix Bar Pro, supported by CAKL's technical engineering expertise and distribution network.

This collaboration represents a shared commitment to delivering uncompromised collaboration experiences to Malaysian enterprises," said Castrit, Managing Director of Concept Associates (KL) Sdn. Bhd. "Next Visual has proven integration leadership in commercial display and UC infrastructure. By uniting their visual and system expertise with Shure's legendary acoustic dominance and AI-driven innovations, we provide enterprise IT managers and system integrators with an unmatched, enterprise-ready UC ecosystem."

Echoing this vision, Liew KK, Managing Director of Next Visual Sdn. Bhd. emphasised the value of this partnership for modern hybrid workspaces: "For nearly two decades, Next Visual has been dedicated to elevating how enterprises connect through excellent visual and conferencing technologies. Partnering with Concept Associates to bring Shure's dedicated UC lineup into our portfolio allows us to offer our clients a truly complete meeting ecosystem. The IntelliMix Bar Pro solves a critical boardroom dilemma, delivering high-end studio audio and intelligent multi-camera framing in a single, clean form factor without the need for extensive ceiling drilling. We built our Experience Centre in Subang Jaya precisely for moments like this: allowing our system integrators and enterprise end-users to touch, test, and experience these innovations firsthand.

To arrange a live demonstration or request project specifications, contact Concept Associates at +6012-928 6142 or click the link below.

Concept Associates (KL) Sdn. Bhd

Adam Hall Group Brings Together Top Partners at Global Partner Summit 2026



Images courtesy of @adamhall

GLOBAL: The **Adam Hall Group** is looking back on a successful Global Partner Summit 2026. From 29 September to 1 October, the event technology manufacturer brought together selected partners, customers and thought leaders from the event technology and AV industry from Asia-Pacific and – for the first time – from Europe to discuss the future of the live experience industry. The focus was on changing market requirements, shared business opportunities and the question of how long-term growth can be achieved in a challenging economic environment. To this end, the Adam Hall Group extended the APAC partner format, established in Bali in 2024, to include European partners for the first time.

22 strategic partners from 18 countries, three days of work on one question: how does the live industry grow when the market isn't playing along? A question explored jointly across national borders and market segments at the Adam Hall Group's second Global Partner Summit.

"The most honest conversations don't happen in between trade fair appointments," said Kati Eismann, Co-CRO of the Adam Hall Group, in her opening remarks at the summit. "We brought partners from Europe and Asia-Pacific together around one table to talk openly about challenges and opportunities: about investment decisions, new technologies and demand that is noticeably shifting and becoming increasingly hard to predict. None of us has all the answers alone. Together, we see the market far more clearly."

What Partners Really Need

Under the guiding theme "Shaping the Future", the focus was on the key questions currently defining partners' business: What drives customers' decisions when they invest? How can projects be implemented more efficiently? Where is more support needed? For Kati Eismann, the many conversations made one thing clear: "It's not the product that makes the difference, but the overall package of service, availability and planning certainty."

The second guiding theme, "Beyond Partnership", focused on the collaboration itself. The Adam Hall Group aims to involve its partners not only when a product is launched, but at an early stage, when it is assessing market requirements and developing solutions. A first step in this direction was taken right at the summit: in discussion rounds and one-to-one meetings with the Adam Hall Group team, partners provided valuable feedback on upcoming products and on the development direction of LD Systems, Cameo, the Integrated Systems portfolio and the company's other brands.

Shaping Partnerships for the Long Term

Markus Jahnel, CRO of the Adam Hall Group, explained exactly why the company is investing in a format like the Global Partner Summit right now: "Anyone can be a partner in the good years. It gets interesting when the market is tough. At the summit, the people around the table knew their markets better than any study. When we bring their experience into our development processes early on, the result is products that genuinely work in practice. That's exactly what we mean by Beyond Partnership."

IHSE Asia Relocates Office and Develops Next Generation Experience Centre

SINGAPORE: IHSE GmbH Asia Pacific Pte Ltd (IHSE Asia) has relocated its Singapore operations to a new, slightly larger premises at **150 Kampong Ampat, #04-04, KA Centre, Singapore 368324**.

The move follows the rezoning of IHSE Asia's previous office under Singapore's Urban Redevelopment Authority (URA) Master Plan to Business 2, supporting high-end semiconductor industrial development. The company has used the opportunity to move into a larger space designed to accommodate its growing business activities across the Asia-Pacific region.

More significantly, the new premises are being transformed into the IHSE APAC Next Generation Experience Centre, which will showcase IHSE's latest solutions throughout the facility. The centre will incorporate technology demonstrations across dedicated demo and conference rooms, general areas and the company's office workspace.

A key focus will be IHSE's next-generation JPEG XS KVM technology and its application in mission-critical command and control environments. The Experience Centre will demonstrate how centralising computing resources within a secure, dedicated IT environment can support streamlined operational workflows, help mitigate insider risks and optimise computer resource management.

The new facility is also intended to provide a dedicated environment for product demonstrations, technical discussions, partner engagement, workshops, partner training, customer meetings and proof-of-concept testing. By bringing sales, technical and business activities under one roof, IHSE Asia aims to create a more collaborative environment for its regional customers and partners.

The Experience Centre is currently undergoing final touch-ups and setup, with IHSE Asia planning to welcome customers, partners and industry visitors once the facility is fully operational.

All correspondence, deliveries, invoices and other business-related matters should be directed to the new address. IHSE Asia's telephone number, **+65 6841 4707**, email address, **Info-APAC@ihse.com**, and other contact details remain unchanged.

With the new premises and Experience Centre taking shape, IHSE Asia is positioning its Singapore operation as a hub for demonstrations, technical engagement and regional collaboration around its next-generation KVM and signal management solutions.

IHSE GmbH Asia Pacific Pte Ltd



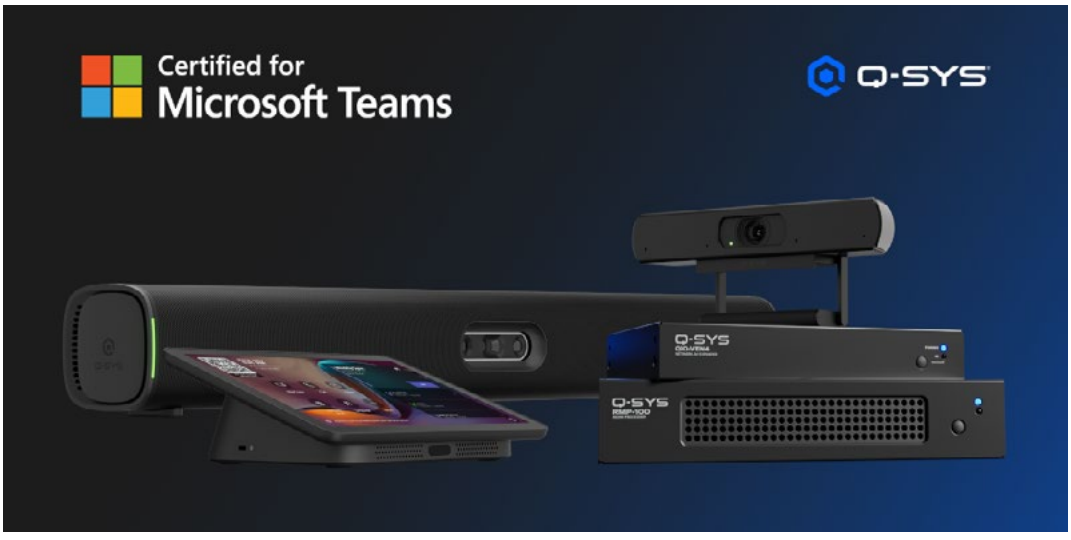
Q-SYS Expands Certified for Microsoft Teams Solutions Portfolio for the Modern Workplace

GLOBAL: QSC's Q-SYS RoomSuite Modular System, the NC-90-G2 network camera, and the Windows-based Q-SYS RoomSuite Collaboration Bar are now certified for Microsoft Teams.

Additionally, the Q-SYS RoomSuite Collaboration Bar is now shipping in more than fifty countries across North America, Europe, the Middle East, Asia Pacific and Latin America, with availability expected to expand.

The broadened portfolio of Certified for Teams solutions extends the Q-SYS offering across the high-performance workplace, including medium and large spaces, high-impact spaces, and all the spaces in between, allowing organisations to build Teams Rooms with confidence, all connected through Q-SYS Reflect.

Q-SYS RoomSuite Modular System expands the Q-SYS Certified for Microsoft Teams portfolio across a broad range of workspaces. The certification covers the Q-SYS RoomSuite Modular System, Q-SYS NL Series loudspeakers, the NM-T1 tabletop microphone or other Microsoft Teams-certified partner Dante ceiling microphones, and the NC-12×80, NC-20×60, and NC-90-G2 cameras. When deployed with the Q-SYS NC-90-G2, the solution also enables Active Speaker Framing in Teams Rooms.



"Organisations increasingly value the flexibility to deploy the right collaboration solution for every space, whether that's a core-based room system, a modular system, or an all-in-one Windows-based bar," explained Patrick Heyn, VP of Marketing, QSC. "With an expanded Q-SYS portfolio of Certified for Microsoft Teams solutions, customers can confidently choose the deployment model that best fits their needs while delivering a consistent Teams Rooms experience across the workplace."

"Adding the Microsoft Teams Rooms hardware as an integrated part of the extensive Q-SYS portfolio simplifies choice for customers, enabling organisations to deliver the right experience across a wide range of meeting spaces," said Albert Kooiman, General Manager for Microsoft Teams Partner Engineering, Microsoft. "Whether installing the Q-SYS RoomSuite Collaboration Bar, or the Q-SYS RoomSuite Modular System, both unite together the power of Teams Rooms on Windows with Q-SYS innovation and deployment simplicity to support the evolving needs of today's workplace."

To learn more about the extensive list of Q-SYS solutions certified for Teams, click **here**.

Q-SYS

Visionary Appoints Chris Floyd as Design and Support Engineer



GLOBAL: Visionary Solutions has appointed Chris Floyd as Design and Support Engineer. Floyd brings 15 years of professional AV experience spanning AV/IT engineering, system design, programming, commissioning and technical support, with a background that includes both systems integration and end-user operations.

Floyd's experience spans enterprise and health care environments, where he has worked across AV, control systems, digital signal processing, networking and collaboration platforms. Before joining Visionary, Floyd served as an AV systems engineer and control systems programmer at TEKsystems. His responsibilities included programming Crestron, Q-SYS and Extron systems, configuring Biamp Tesira DSP and Dante audio networks and commissioning divisible-room and multiroom installations. He worked with engineers, integrators, vendors and client IT teams to resolve issues involving network switching, multicast, control systems and AV transport.

Previously, Floyd worked at AVI-SPL, designing, programming, commissioning and supporting enterprise audiovisual and collaboration systems. He developed standardised control and user interface solutions, integrated conferencing systems and created documentation to support consistent deployment and long-term maintenance. Earlier in his career, he spent more than 12 years at UC Davis Health, supervising and supporting boardrooms, medical education facilities, lecture halls and conference environments.

"Chris brings experience with the technical challenges our integrators and end users face throughout the life of an AV system," said Scott Freshman, Chief Operating Officer for Visionary. "He understands how design decisions affect installation, commissioning and day-to-day support, and he has worked through problems that involve control, audio, video and the network. Chris' perspective is valuable to our engineering and support team as we help customers integrate Visionary technology into their systems. We're pleased to welcome him to the team."

"I've worked with Visionary's technology from both the integrator and end-user sides, so I'm excited to now be part of the team behind it," said Floyd. "I'm looking forward to bringing my experience to Visionary and contributing to what the team is building."

Before entering professional AV, Floyd served in the U.S. Air Force, working on electronic warfare systems. He received the Air Force Commendation Medal and Air Force Achievement Medal. Today, Floyd joins Visionary with direct experience using the company's technology in the field and supporting the broader systems around it.

Visionary Solutions

Midwich Asia Strengthens Southeast Asia Presence



SINGAPORE: Midwich Asia, part of the Midwich Group, has officially opened its new Singapore experience centre, marking the next stage of the specialist technology distributor's growth across Southeast Asia.

Backed by Midwich Group's global scale of £1.3 billion in revenue, around 1,700 employees and sales to more than 50 countries, with operations across 22 countries, the investment strengthens the Group's presence in Southeast Asia and establishes Singapore as a strategic hub for its continued regional growth. Midwich Asia currently supports customers and technology partners across Southeast Asia with offices in Malaysia, Singapore & Indonesia, with a growing regional team spanning 20 members.

The new Singapore facility will serve as a central hub for Midwich Asia's regional operations, supporting its growing network of customers, technology partners and industry stakeholders across Southeast Asia.

More than simply an office, the new location has been designed as a space where customers and partners can connect with the Midwich Asia team, experience technologies in working environments, explore integrated solutions and participate in demonstrations, training and industry engagement activities. The experience centre was officially opened on 8 October with a launch bringing together Midwich Group leadership, customers, technology partners, industry stakeholders and members of the media.



Following the ribbon-cutting ceremony, Midwich Group and regional leadership took part in a panel discussion titled “Building the Future of Tech in Southeast Asia,” exploring the Group’s long-term ambitions for the region, Singapore’s role as a strategic hub, and the evolving role of specialist distribution.

Stephen Fenby, Group Chief Executive, Midwich Group, commented: “Southeast Asia represents an important long-term opportunity for Midwich Group, and our continued investment in Singapore reflects the confidence we have in the region. Our approach has always been to combine the scale, relationships and specialist expertise of the wider Group with strong local teams who understand their markets. This new space gives Midwich Asia an even stronger platform from which to support our customers and vendor partners, develop local capability and continue building the business across Southeast Asia.”

Will Fenby, Director – Business Operations SEA, Midwich Asia, said: “Our growth in Southeast Asia has always been built around being close to our customers and partners. The new Singapore experience centre gives us a home where we can bring those relationships together with technology, technical expertise and hands-on experiences. Singapore is an important regional hub for us, but our ambition extends across Southeast Asia. We want to continue investing in our people, strengthening our capabilities in local markets and creating more opportunities for our partners and customers to engage with Midwich across the region.”

Alex Kemanes, Regional Managing Director – MESEA, added: Specialist distribution today is about much more than the technology itself. Our role is to bring together expertise, education, hands-on experience and strong relationships to help our customers, partners and the wider market grow. The new Singapore Experience Centre gives Midwich Asia a platform to do exactly that, built around the needs and opportunities of Southeast Asia. As we grow across the region, our focus is on building strong local capability, getting closer to our customers and partners, and creating a place where people can experience, learn and collaborate.”

The official opening formed the culmination of Midwich Singapore Experience Week, which brought customers and technology partners together at the new facility through a series of dedicated broadcast and integrated AV sessions.

The week included a Broadcast Open House, followed by Integrated AV Solutions sessions, allowing customers to experience technologies first-hand, engage directly with specialists and explore how different technologies can work together within real-world environments.

The launch then brought the wider Midwich Asia community together for the official ribbon cutting, leadership discussion and networking.

The new Singapore experience centre will provide an ongoing platform for customer demonstrations, partner engagement, technical support, training, education and industry events, supporting Midwich Asia’s continued expansion across Southeast Asia.

With the new facility now open, Midwich Asia plans to continue strengthening its local teams, technical capabilities and technology partnerships across the region, combining the scale and experience of the wider Midwich Group with local market knowledge and specialist expertise.

The Singapore launch represents not an end point, but the next stage of Midwich Asia’s growth across Southeast Asia.

Midwich Asia

FORTÉ Announces Strategic Leadership Appointments

APAC: FORTÉ APAC has announced three key leadership appointments across the Asia-Pacific region, strengthening its country management in Australia, Singapore, and the Philippines as the company accelerates into its next phase of regional growth.

Heather Li has rejoined the company as Country Manager, Australia; Alvin Long has been promoted to Country Manager, Singapore; and John Paul Kyrex Bueza returns to drive growth as Country Manager for the Philippines.

“Leadership transitions are an important part of the evolution of any organisation," said Steve Medeiros, CEO APAC and Middle East at FORTÉ. "Heather, Alvin, and Kyrex each bring deep industry knowledge and a strong commitment to our customers. With the right people in place in each of these markets, we are well-positioned to serve our clients with the best people and products in the industry."

Driving Momentum in Australia

Effective October 1, 2026, Heather Li rejoined FORTÉ as Country Manager, Australia. Based in Sydney, she will lead the company's Australian operations. Li returns with a proven track record of leadership within the organisation, with previous roles including Regional Business Unit Leader for Southeast Asia and Head of New Global Account Development.

As President of CoreNet Hong Kong, Li has also kept the company closely connected with the broader real estate community. She brings a rare combination of strategic business leadership, customer engagement expertise, and a deep knowledge of the modern workplace ecosystem. Her understanding of the intersection of technology, collaboration, workplace design, and user experience will be instrumental as FORTÉ builds on its current momentum in Australia.

Expanding the Foundation in Singapore

Alvin Long has been promoted to Country Manager, Singapore, following his central role in stabilising and strengthening FORTÉ's business in the country. Through a dedicated focus on operational excellence and customer



satisfaction, Long and the Singapore team have successfully built a more predictable and sustainable business foundation. In his new role, Long will lead the next phase of growth in the region, focusing on team development, deepening client relationships, and driving strong market performance.

“Alvin’s promotion is well deserved,” said Dickson Ho, COO APAC and Middle East at FORTÉ. “He has built a solid platform in Singapore, and I am confident he will take the business to the next level.”

Accelerating Growth in the Philippines

John Paul Kyrex Bueza rejoins FORTÉ as Country Manager, Philippines, after spending two years with one of the company’s key distribution partners. During this time, he significantly broadened his expertise across the industry, its manufacturers, and the wider supply chain ecosystem.

Bueza brings strong industry relationships, proven sales execution, and a history of building high-performing teams. These strengths will directly support FORTÉ’s ambitious plans to expand its Philippine operations, deepen customer engagement, and solidify its market position.

“Kyrex knows our business, our partners, and our customers,” added Medeiros. “His experience across the supply chain makes him the right person to help accelerate our growth in the Philippines.”

FORTÉ

Systematik Brings the K-array Experience to Singapore



SINGAPORE: Slim loudspeakers, room-filling sound and a focus on design took centre stage at Systematik Distribution’s first K-array Experience event in Singapore. Held at The Blackbird, the gathering brought together architects, systems integrators and consultants to explore how K-array's audio solutions combine acoustic performance with discreet integration into a space.

Edwin Ng and Christopher Chua from Systematik Distribution took to the stage to welcome guests, encouraging them to experience the demonstrations, ask questions, network and enjoy the evening.

Paolo Capponi, Project Support Specialist and Application Engineer at K-array's headquarters, then opened his presentation with the story behind the company, sharing the founders' motivations and tracing its 30 years of innovation. His presentation explored acoustic principles and K-array's Pure Array technology, connecting the technical concepts with practical design considerations for the architects and other non-technical guests. For the AV professionals, he also highlighted how K-array solutions can integrate with any control system to support a seamless user experience. Sidharth Dham, Area Sales Manager APAC at K-array, expressed his delight at appointing Systematik Distribution as K-array's distributor



(L-R) Sidharth Dham, Paolo Capponi, Edwin Ng, Christopher Chua and Melvin.





in Singapore. He praised the team's expertise and enthusiasm, voicing confidence in the partnership's potential to grow the brand's presence in the local market.

Guests experienced a range of K-array solutions through demonstrations throughout the venue, including Vyper, Rumble, Tornado, Anakonda, GH4 and Python. The showcase offered an opportunity to hear the systems first-hand and appreciate how their compact forms can accommodate different architectural and installation requirements.

NETGEAR and Powersoft also partnered with Systematik Distribution for the event. Powersoft acquired K-array in 2025.

The evening concluded with dinner and a live band performance through the Python loudspeakers, supported by Thunder K3 subwoofers, each featuring a single 21-inch driver. It provided a fitting finale: the slender systems delivered clear, even sound throughout the venue, vividly bringing the relationship between discreet design and powerful performance to life.

Systematik Distribution

RCF Academy is an AVIXA RU Provider



GLOBAL: Professional audio systems and the technologies behind them are constantly evolving. Through RCF Academy, audio and AV professionals can expand their technical knowledge with practical training developed around real-world applications. Today, selected RCF Academy Online courses can also help renew one of the AV industry's most recognised professional certifications.

The Certified Technology Specialist (CTS) credential from **AVIXA** is a professional certification for audiovisual professionals, covering the knowledge and skills required to create, implement, support, and service AV solutions. CTS holders maintain their certification through continuing education, earning Renewal Units (RUs) during each three-year renewal cycle.

As an AVIXA Renewal Unit Provider, RCF Academy can offer selected courses eligible for AVIXA Renewal Units. CTS-certified professionals can therefore develop their knowledge of professional audio while earning RUs toward the renewal of their certification.

RCF Academy provides an Online Training Program on the technologies and engineering principles behind professional sound systems. Online courses cover topics ranging from audio fundamentals to system design, line array technology, RDNet, measurement and optimisation, subwoofer configurations, amplification, and system deployment. Developed around real-world audio applications, the courses help professionals strengthen their knowledge of system design, configuration, and performance, with the flexibility of online learning.

RCF Academy

Visionary and tvONE Announce Partnership Supporting AV Distribution and Video Processing

GLOBAL: Visionary Solutions has partnered with **tvONE** to combine Visionary's 5 Series AV-over-IP platform with tvONE's CALICO PRO video processing capabilities.

The interoperability enables integrators to route video from a Visionary network to CALICO PRO for processing and display. Visionary 5 Series Decoders deliver HDMI signals to CALICO PRO inputs, while the processor's HDMI outputs can feed Visionary 5 Series Encoders for distribution back across the network.

tvONE's engineering team tested Visionary endpoints with its input and output modules, evaluating resolutions, frame rates, Extended Display Identification Data (EDID), and visual image quality. The testing confirmed interoperability across the evaluated configurations, including the transport of 4K video over a gigabit network.

"Integrators need to know how products will work together across the complete signal path," said Scott Freshman, Chief Operating Officer for Visionary. "Our work with tvONE provides a validated connection between Visionary's AV-over-IP distribution and CALICO PRO's video processing, whether they are bringing sources into a video wall or distributing its output to other displays."

"CALICO PRO is built to streamline complex signal environments, and this integration extends that into networked AV-over-IP infrastructure," said Bob Bonniol, Chief Innovation Officer, for ACT Entertainment. "Integrators now have a path for feeding Visionary's distributed sources into a video wall and sending processed output back out to displays across a facility."

For control room applications, the combined workflow allows sources from different locations on the network to feed a centralised processor. CALICO PRO manages the arrangement of those sources across a video wall, while Visionary 5 Series handles transport between source locations, the processor and remote displays.

Visionary Solutions



EAW Expands Free Resolution Software Training Course for Sound System Designers

GLOBAL: Eastern Acoustic Works (EAW) has expanded its free Resolution Software Online Training Course, a comprehensive, self-paced program for audio professionals, such as sound system designers, production companies and integrators, who want to deepen their expertise with EAW's modelling and control platform.

For designers, a system that looks right on paper has to perform just as well in the room. Getting there depends on accurate modelling, informed product selection and confident system control, and the course is built to help designers strengthen all three. The original course focused on an in-depth walkthrough of the Resolution interface, tools and workflow, giving participants a clear understanding of how to navigate and apply the platform in real-world scenarios.

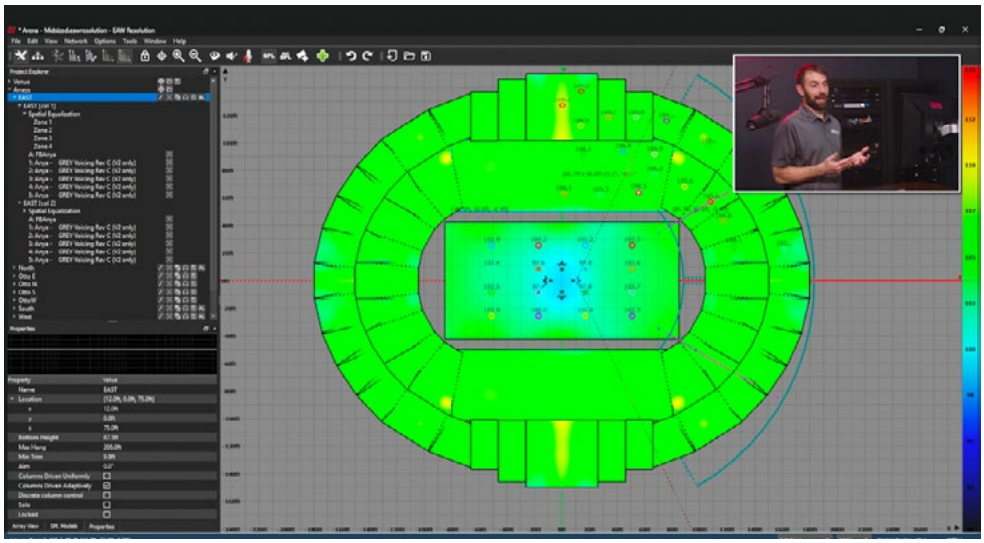
Participants then follow a live session that builds an acoustic model from the ground up, a key step in accurately predicting system performance. Extended instruction now also covers connecting to and controlling supported EAW products directly within the software. This hands-on component bridges the gap between design and deployment, showing how Resolution integrates with EAW loudspeaker systems to streamline tuning, optimisation, and system management. In addition to software operation, the course features a series of lectures on system design concepts spanning many of EAW's current product lines.

These sessions focus on best practices for loudspeaker selection, coverage planning and specification, helping designers make informed decisions that lead to better results. The training is divided into two parts, each ending with an evaluation so participants can measure their progress and confirm their understanding before moving on.

“Whether you’re specifying a system for a house of worship, a live venue or a corporate installation, understanding how to model and control EAW products accurately is essential to getting the best possible result,” said Bryan DiFabio, Application and Support Engineer at EAW. “We know designers are under pressure to get it right the first time. This training gives them the tools and confidence to do exactly that.”

The course is designed to help participants choose the right products, plan coverage and get the most from their EAW systems. EAW encourages anyone involved in designing or specifying EAW sound systems to take advantage of this free training, available at **education.eaw.com**

Eastern Acoustic Works



Alfatron Electronics Maximises Efficiency in Hi-Tech Meeting Environments



ALF-WU4-8K The ALF-WU4-8K is an HDMI 2.1 switcher and scaler with 4 HDMI inputs and one HDMI output. With its complete HDMI 2.1 implementation, a 48Gbps FRL (Fixed Rate Link) for efficient data transfer, and HDR (High Dynamic Range) support, the WU4-8K ensures stable signalling even at the highest bandwidths while also being HDCP 2.3 compliant. This switcher includes de-embedded audio, scaling, EDID (Extended Display Identification Data) management, and front panel LED indicators for power and signal status.

The Alfatron WU4-8K's switching time is managed within 3 seconds. EDID management is managed via a 5-pin DIP (Dual In-line Package) switcher with the source through a display's EDID or internally stored EDID. For de-embedded audio, the unit offers one balanced and one optical audio output connector. The WU4-8K supports Alfatron's or Josawa's unique IP and RS232 codes as well as IR. It also uses a GUI (Graphical User Interface) design.

WU6-8K The ALF-WU6-8K is an HDMI2.1 switcher and scaler with 4 HDMI and 2 USB-C inputs along with one HDMI output. With its complete HDMI 2.1 implementation, a 48Gbps FRL for efficient data transfer, and HDR support, the WU6-8K ensures stable signalling even at the highest bandwidths while also being HDCP 2.3 compliant. This switcher includes de-embedded audio, scaling, EDID management, and front panel LED indicators for power and signal status.

The Alfatron WU6-8K's switching time is managed within 3 seconds. EDID management is managed via a 5-pin DIP (Dual In-line Package) switcher with the source through a

display's EDID or internally stored EDID. For de-embedded audio, the unit offers one balanced and one optical audio output connector. The WU6-8K supports Alfatron's or Josawa's unique IP and RS232 codes as well as IR. It also uses a GUI (Graphical User Interface) design.

Alfatron MU4K HUB The ALF-MU4k HUB is an HDMI 2.0 seamless switcher that offers 4 inputs: 1 USB-C (DP ALT MODE) and 3 HDMI inputs. It also has two mirrored HDMI outputs, Multiview (for displaying multiple camera angles or video feeds at once), and a USB KVM (Keyboard, Video, Mouse) Hub for switching between sources using peripherals such as a keyboard, camera, or mouse. The unit supports resolutions up to 4K as well as USB3.2. There is also a USB2.0 port that supports hot key functions.

Other key features include support for HDMI 2.0, 18 Gigabit bandwidth, HDCP 2.3, and backwards-compatible signals. In addition to offering seamless switching between inputs, there are also 2 HDMI mirrored outputs for versatile control options. The hub also offers Multiview with multiple layout selections and user-defined layouts for flexible control. The hub supports 2 KVM switching at 10 GPS as well as KVM auto-switching based on TMDS/5V detection.

The Alfatron WU4-8K and WU6-8K switchers/scalers along with the MU4K Hub are now in stock and available.

Alfatron

LOGIC Brings 15-Minute Assembly to Modular AV Deployment

LOGIC has introduced the Express Pod, a modular AV framework designed to make meeting room installations faster, simpler and more adaptable.



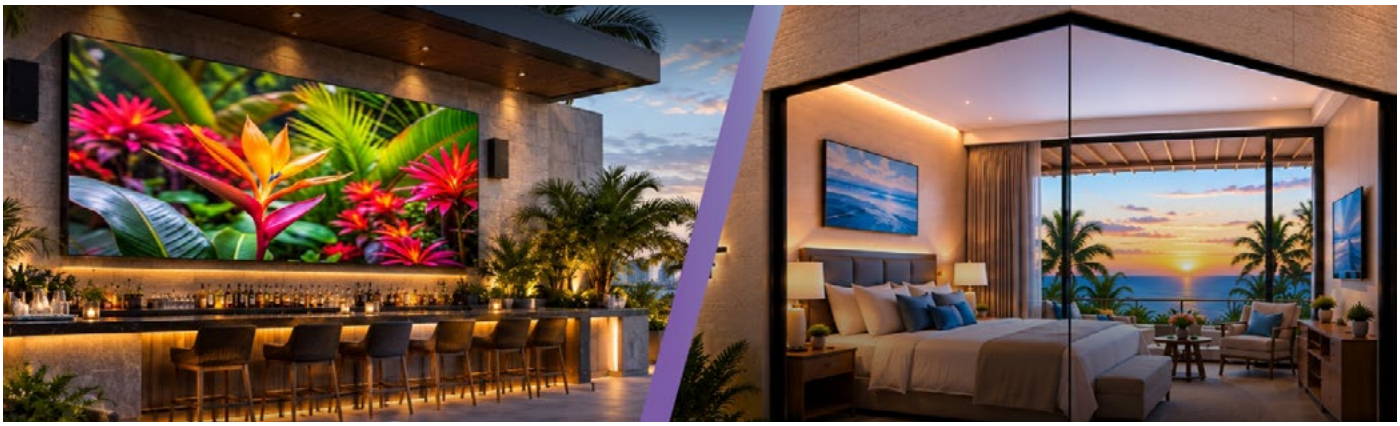
Designed for commercial displays ranging from 65 to 98 inches, Express Pod combines display mounting and video bar support within a single freestanding structure. Its tool-free threaded knob locking mechanism allows the core framework to be assembled in approximately 15 minutes, reducing installation time and the need for permanent structural modifications.

The system features a compact footprint and brand-agnostic design, supporting different display and video bar configurations. Its modular construction also makes it easier for organisations to reconfigure meeting spaces or upgrade their collaboration technology without major changes to existing infrastructure.

Express Pod joins LOGIC's Workspaces portfolio alongside HudlDock, which caters to smaller huddle rooms. With its larger display compatibility and integrated AV support, Express Pod targets medium to large meeting and collaboration environments where flexibility and rapid deployment are priorities.

LOGIC/Express Pod

Nanolumens Expands Engage Pro and Performance Series Displays



Nanolumens has expanded two of its configurable video wall lines: the Engage Pro Series and Performance Series. The additions include 90-degree corner capabilities for the Engage Pro Series and sub-3 mm pixel pitch and high-brightness options for select Performance Series outdoor models.

The premium **Engage Pro** indoor line uses Chip-On-Board (COB) MiniLED technology to deliver high-performance visuals with more than four times greater contrast than traditional SMD LED. It features pixel pitch options as fine as 0.7 millimetres for fine detail, up-close viewing and supports faceted curves. The Engage Pro's COB coating minimises reflections, enabling specification in brighter environments with lights and windows.

The new corner capability allows Engage Pro to extend across adjoining surfaces, supporting continuous content around corners, columns and other architectural features beyond conventional flat or faceted curved video walls. The configuration gives designers and integrators added flexibility to incorporate COB-based LED into a space while maintaining a consistent display platform with the entire Engage Series.

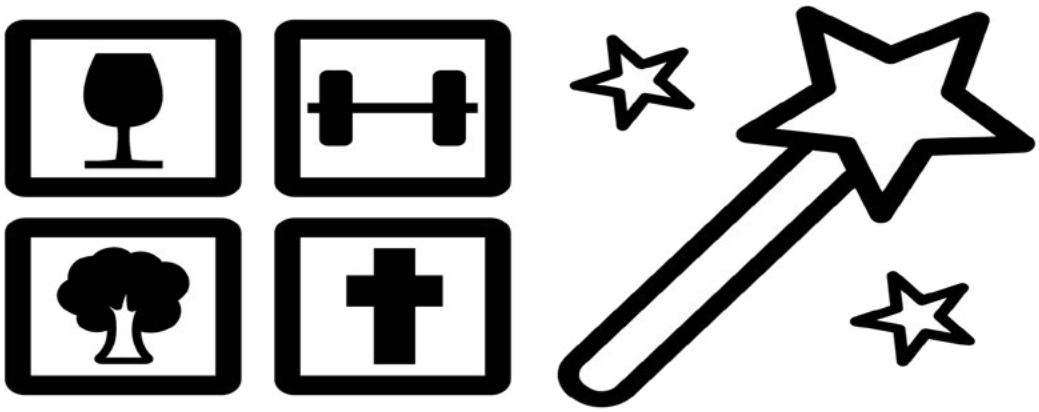
The Performance Series cabinet-based outdoor video wall line is expanding with Nanolumens' first sub-3 mm pixel pitch model. Available exclusively in the 500-by-500-millimetre cabinet format, the new options support viewing distances of approximately 14 feet before individual pixels become distinguishable. The finer pixel pitch makes the series suitable for outdoor environments where audiences may be positioned closer to the display.

All Performance 500 models are now available with high-brightness models, delivering 7,000 to 8,000 nits, depending on pixel pitch, to strengthen visibility in direct sunlight. Each Performance Series cabinet carries an IP67 rating for protection against water and dust and is engineered for permanent installations across wet, cold, dry and humid climates. The Performance Series includes a three-year extendable warranty and is also available in a smaller 250-by-250 millimetre format for greater application versatility.

The expanded Engage Pro Series and Performance Series lines allow Nanolumens customers to address a wider range of architectural, environmental and viewing requirements using established indoor and outdoor display platforms.

Nanolumens/Performance Series

Optimal Audio Makes Complexity Disappear with Venue Wizard



Optimal Audio has launched Venue Wizard, a free online tool that gives venue owners and integrators a system recommendation in under five minutes, with no sign-up required. Six short steps of questions about the space and how it is used are all it takes for Venue Wizard to draw on the full Optimal Audio ecosystem and suggest a combination of multi-zone control, amplification and loudspeakers.

Anyone who starts looking into commercial audio for a venue soon runs into the same obstacle. The market is broad, the products look alike on the page, and the descriptions are written for audio professionals rather than the people who will use the system every day. Venue Wizard starts from the other end: the venue and what happens in it, not the product.

The questions are written in the language of running a venue, not the language of a datasheet. Venue Wizard asks whether the venue shows live sport rather than whether HDMI connectivity is required, and that answer steers the recommendation towards the Zone family. The final choice within the range is then shaped by the number of zones the venue needs and whether a powered variant suits the way the loudspeakers will be deployed. Live bands, background music and the other ways a venue is used are handled the same way.

Practical questions shape the outline specification too, such as whether loudspeakers will be mounted on the wall, in the ceiling or outdoors. An “I don’t know” option is offered throughout, and any uncertainty is carried forward to the local distributor, who is better placed to resolve it. Venue Wizard also asks what matters most – lowest possible cost or room to grow – and weights its recommendation accordingly.

Each recommendation begins with control, followed by amplification and loudspeakers. Loudspeaker selection is driven by content, so a room built around background music is treated differently from one that hosts live bands. Every product or product grouping comes with an explanation of why it has been recommended, so buyers understand the reasoning as well as the result.

Venue Wizard is deliberately a starting point rather than a full system design tool. Buyers who would like their recommendation emailed to them, or followed up, can submit a few details. The recommendation is then forwarded to the Optimal Audio distributor in their country, where an expert can refine the specification around the venue.

Optimal Audio/Venue Wizard

Extron Adds Dual-Display Workstation Support to FOX3 Fibre Platform



Extron has expanded its award-winning FOX3 platform with FOX3 302 Series Dual HDMI Extenders, powerful fibre optic KVM extenders that support dual-display workstations across a FOX3 system.

Designed for secure, long-haul transmission of two independent HDMI video signals plus USB, stereo audio, control, and 3D sync signals over fibre optic cabling, the FOX3 302 Series delivers visually lossless image quality up to 4K/60 at 4:4:4. Purpose-built for dual-display computer applications, these extenders streamline system integration while extending the reach of high-performance workstations. The series includes the **FOX3 T 302 Fiber Optic Transmitter** and **FOX3 SR 302 Fiber Optic Scaling Receiver** which together provide a powerful fiber optic KVM solution featuring USB extension, Ethernet monitoring and control, real-time system monitoring, and integrator-friendly technologies designed specifically for demanding AV and KVM environments.

FOX3 302 Series Extenders are compatible with the complete line of FOX3 Matrix Switchers. Extron FOX3 Matrix Switchers are available in standard sizes up to 840×840 as well as custom designs up to 2000×2000 and larger. From point-to-point extension to fully non-blocking matrix applications up to 2000×2000 and beyond, FOX3 Systems securely delivers unrivalled performance and reliability to satisfy even the most discerning users.

Extron/FOX3 302 Series Dual HDMI Extenders

HK Audio Launches ELEMENTS MK2



With the new ELEMENTS MK2, HK Audio introduces a Made in Germany high-performance, modular column array for professional sound reinforcement applications. The system combines controlled, uniform sound distribution with long throw, flexible scalability, and an integrated DSP platform. Thanks to HK Audio's tool-free SnapLock system, the column array can be set up quickly and reliably, making it ideal for rental companies, event technicians, and mobile sound reinforcement applications.

The HK Audio ELEMENTS MK2 is suitable for a wide range of applications from speech reinforcement, conferences, and corporate events to live music, DJ sets, and demanding event sound. Thanks to its modular design, the system can be adapted to meet the needs of different room sizes and requirements.

Uniform Sound Coverage with Modern Column Array Technology

ELEMENTS MK2 operates on the principle of a line array and offers a 90-degree horizontal dispersion. A newly developed phase plug sound guide ensures uniform sound coverage across the entire audience area and enables precise control of sound dispersion.

The result is a homogeneous listening experience with reduced volume fluctuations and fewer disruptive dead spots. At the same time, the system delivers brilliant, punchy high-frequency reproduction, high peak levels, and additional headroom for a wide variety of sound reinforcement situations.

Quick Setup with HK Audio SnapLock

With ELEMENTS MK2, top modules, spacers, and subwoofers are securely and seamlessly

connected in a single step. The HK Audio SnapLock system enables quick, tool-free setup and is designed to meet the demands of everyday professional rental operations.

Signal transmission occurs via robust contact surfaces. This makes the connection particularly resistant to wear, dirt, and mechanical stress. Visible cables are a thing of the past in the assembled system; the discreet, professional design blends unobtrusively into a wide variety of event environments.

Flexibly Scalable for Various Applications

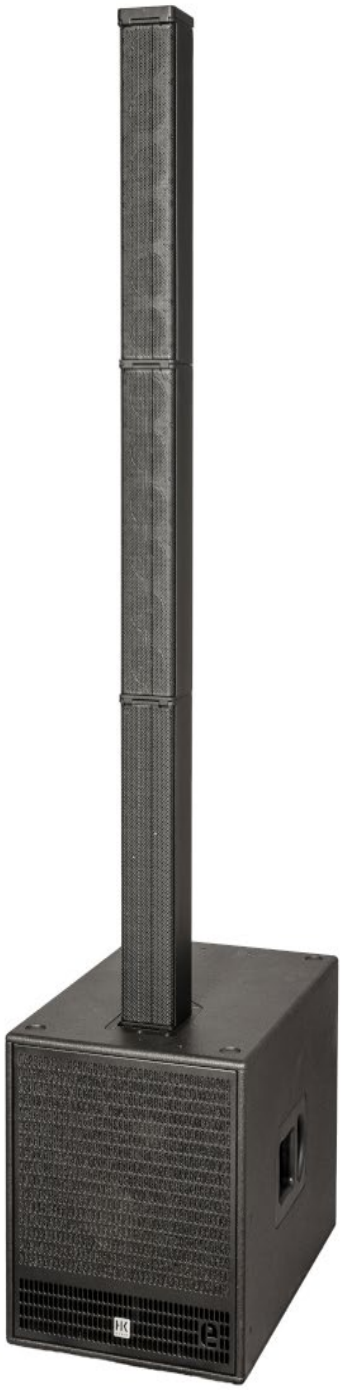
The fully modular system can be operated with up to three top units and two subwoofers. The connected top units are automatically detected, so the DSP platform loads the appropriate filter for the required midrange compensation. Manual adjustment is therefore not necessary.

Two subwoofer variants are available for low-frequency reproduction:

• **HK Audio ELEMENTS MK2 110 Sub A:** a compact solution for corporate events as well as speech and background music applications

• **HK Audio ELEMENTS MK2 115 Sub A:** a powerful subwoofer with high headroom and an extended low-frequency range for music and event applications

Additionally, the LINEAR 5 MK2 115 Sub A can be integrated into the system. For more low-end response or cardioid setups, the ELEMENTS MK2 115 Sub A and the LINEAR 5 MK2 115 Sub A can be combined.



Integrated DSP Platform and Network capability with Milan AVB Audio Streaming

ELEMENTS MK2's integrated DSP platform offers Flat, Contour, Voice, and Remote presets. While Flat, Contour, and Voice are optimised for typical application scenarios, the Remote preset allows for custom configurations.

HK Audio's DSP CONTROL software provides extensive control and configuration options. Ethernet enables both system control and Milan AVB Audio streaming via a single network cable.

Thanks to their shared DSP platform, the HK Audio ELEMENTS MK2, LINEAR 5 MK2, and LINEAR 9 can be operated and managed on the same network. The DSP-Out also allows for full control of additional active speakers that lack their own DSP or network capabilities, for example, for delay lines. The input signal can be processed and routed independently of the ELEMENTS MK2's settings.

HK Audio ELEMENTS MK2 is available now.

HK Audio/ELEMENTS MK2

Extron USB Extender xi Series Delivers Longer Distances and Matrix Switching



Extron has begun shipping the USB Extender xi Series. This series extends and switches USB signals from peripheral devices to a host computer up to 1,980 feet (600 m) through a Gigabit Ethernet network or up to 330 feet (100 m) point-to-point over one CATx cable.

It supports High-Speed (USB 2) and earlier devices. The transmitter can be powered by the host computer or an included power supply and provides USB peripheral emulation to enable trouble-free booting of a host computer that is not connected to a keyboard or mouse. The receiver features a built-in, active four-port hub with up to 500 mA of power per port. The matrix controller allows simple setup and control for a distributed USB matrix switching system over an Ethernet network.

The USB Extender xi Series supports a wide range of USB peripherals, including interactive whiteboards, keyboards, mice, mass storage devices, webcams, headsets, and speakers, while USB Extender xi HID models help secure installations by restricting connectivity to authorised device types.

Available in multiple form factors for flexible integration, the series can be combined with the USB Matrix Controller xi to create scalable distributed USB switching systems with up to 64 transmitters and receivers while offering centralised management and control. Together, these capabilities make the USB Extender xi Series an ideal solution for extending and switching USB signals in applications that demand reliable, long-distance USB connectivity.

Extron/USB Extender xi Series

Legrand | AV Expands Connectivity Portfolio with New USB-C and HDBaseT Solutions









Legrand | AV has expanded its C2G connectivity portfolio with four new product offerings designed to simplify signal distribution and device connectivity in commercial AV and IT environments. Together, these solutions give integrators and IT teams greater flexibility in device placement, simplify source switching for presenters, and enable reliable transmission of video, USB and control signals over longer distances.

Modern commercial spaces ask more of connectivity than ever. Standard USB-C cables are typically limited to short runs, which makes it hard to support cameras, conferencing systems, digital signage, and kiosks located away from the host system. Meeting rooms host multiple presenters and personal devices, and classrooms, training spaces, and government environments need reliable video and control. The new C2G products address each of these needs and can be specified individually or designed into broader Legrand room solutions.

Long-reach USB-C connectivity

The C2G USB-C to **USB-C AOC USB 3.2 Gen 2 Cable family** extends full-function USB-C connectivity up to 50 feet, carrying data, 4K video, and power through a single cable. Active optical technology supports dependable, plug-and-play performance over distance without adapters or drivers. The family includes three models:

• C2G32804: 25ft (7.6m) USB-C to USB-C AOC USB 3.2 Gen 2 Cable, 10 Gbps, 60W, 4K

• C2G32805: 35ft (10.7m) USB-C to USB-C AOC USB 3.2 Gen 2 Cable, 10 Gbps, 60W, 4K

• C2G32806: 50ft (15.2m) USB-C to USB-C AOC USB 3.2 Gen 2 Cable, 10 Gbps, 40W, 4K

The cables give integrators greater freedom to place conferencing cameras, docking stations, digital signage, kiosks, POS terminals, and interactive displays wherever the room needs them. Applications range from corporate and higher education spaces to courtrooms, healthcare, retail, hospitality, and warehousing.

Multi-Presenter Switching with Dual Displays

The **C2G 3x2 Triple USB-C Input to Dual HDMI Output Extender Switcher** with USB Hub and RS232 (C2G29991) keeps up to three USB-C source devices connected and ready to present, supporting both BYOD and in-room PC connectivity. Automatic or manual switching lets presenters take turns sharing without swapping cables.

Using HDBaseT extension technology, it carries video, audio, USB 3.2 Gen 1 data at up to 5 Gbps, and control signals over one Cat6a cable at distances up to 328 ft. (100m). Dual HDMI outputs with 4K 60Hz video and an integrated USB hub support two-display collaboration and shared peripherals, and a de-embedder audio output allows a direct connection to an audio amplifier. RS232, TCP/IP, front-panel, and web GUI control options and Power over Cable add flexibility in larger meeting and training spaces.

Clean Wall Plate Extension for Video and Control

The **C2G31027 HDMI HDBaseT + RS232 and IR Extender over Cat Single Gang Wall Plate to Single Gang Wall Plate Kit** extends HDMI, RS232, IR, and CEC signals over one Cat cable.

The C2G31028 HDMI HDBaseT + USB-B to USB-A and RS232 Extender over Cat Single Gang Wall Plate to Single Gang Wall Plate Kit extends HDMI, USB 2.0, and RS232, supporting USB peripherals and interactive devices alongside video and control integration. Both kits support 4K 60Hz video up to 131 ft. (40m) and Full HD up to 230 ft. (70m). Power over Cable supplies power to the transmitter from the receiver, simplifying installation.

Each kit includes a matched transmitter and receiver in a low-profile single-gang format, so integrators do not need to source and match components separately. That simplifies specification, ordering, installation, and support, and delivers a polished finish for classrooms, conference rooms, training spaces, and other collaboration environments.

The 3x2 switcher, C2G31027, and C2G31028 are TAA compliant, and each is Prop 65, REACH, and RoHS compliant. C2G31027 and C2G31028 are also TSCA compliant, and C2G31028 carries FCC certification. The switcher and both wall plate kits are backed by a five-year warranty.

All four new C2G connectivity solutions are now shipping.

Legrand | AV

Atlona Expands Omega Series with HDBaseT 3.0 for Simpler One-Cable Rooms

Atlona has expanded its Omega Series of presentation and collaboration products with **Omega 2**, a new generation designed so presenters can connect with one cable and integrators can install fewer boxes behind the display. Built on HDBaseT 3.0, the lineup includes the AT-OME2-E2311 transmitter and AT-OME2-D2311 receiver, the AT-OME2-E2321-WP wall plate transmitter, and the AT-OME2-R2742 4×2 presentation switcher with Dante audio.

Omega 2 sends uncompressed 4K/60 4:4:4 video up to 330 feet (100 meters) over one Cat 6A cable, together with USB 2.0 data and Gigabit Ethernet. With HDMI and USB-C inputs across compact, wall plate and switcher models, integrators can plan a room around how presenters plug in, instead of planning around the hardware.

Extenders: Video, USB and Network on One Cable

The AT-OME2-E2311 transmitter and **AT-OME2-D2311** receiver carry HDMI, USB 2.0 and Gigabit Ethernet across a single HDBaseT 3.0 link, with support for HDR formats including Dolby Vision and HDR10+. Bi-directional Power over HDBaseT lets either end power the other, so the link runs on one power supply. At the display, the receiver provides four USB ports for cameras, keyboards, mice and other peripherals, along with Ethernet pass-through, analogue audio de-embedding and bi-directional RS-232 for display control.

Wall Plate: USB-C and HDMI in a Standard Two-Gang Plate

The AT-OME2-E2321-WP puts HDMI and USB-C inputs into a standard two-gang wall plate. One USB-C connection carries video, USB data and up to 60W of charging, so a presenter can connect a laptop with a single cable and keep it powered through the session. Front-panel buttons handle input selection and display power, and RS-232 is available for local control. In classrooms and lecture halls, the wall plate can send a lectern PC to a projector or flat panel up to 100 metres away, with USB for document cameras and touch displays.

4×2 Switcher: Switching, Power, Audio and Control in One Unit

The AT-OME2-R2742 brings two HDMI and two USB-C inputs to two HDMI outputs, plus an HDBaseT 3.0 output that mirrors the second display for a remote screen up to 100 metres away. Its USB-C ports deliver up to 145W of power, configurable as 100W + 45W or 60W + 60W, and a 10 Gbps USB 3.2 Gen 2 backplane connects conferencing cameras, speakerphones and other peripherals through four USB 3.2 ports. Dante audio input and output, scaling, EDID management, MST and automatic input switching are built in.

For IT teams, the switcher includes three Ethernet ports with VLAN support and IEEE 802.1X authentication. Display and room control run through CEC, IP, RS-232, relays and an occupancy sensor input. In a dual-display meeting room, one USB-C laptop can drive two independent screens using MST. In a BYOD classroom, the switcher can feed a local display and a second display across the room while presenters share the same peripherals.



One small key. Worlds of control.

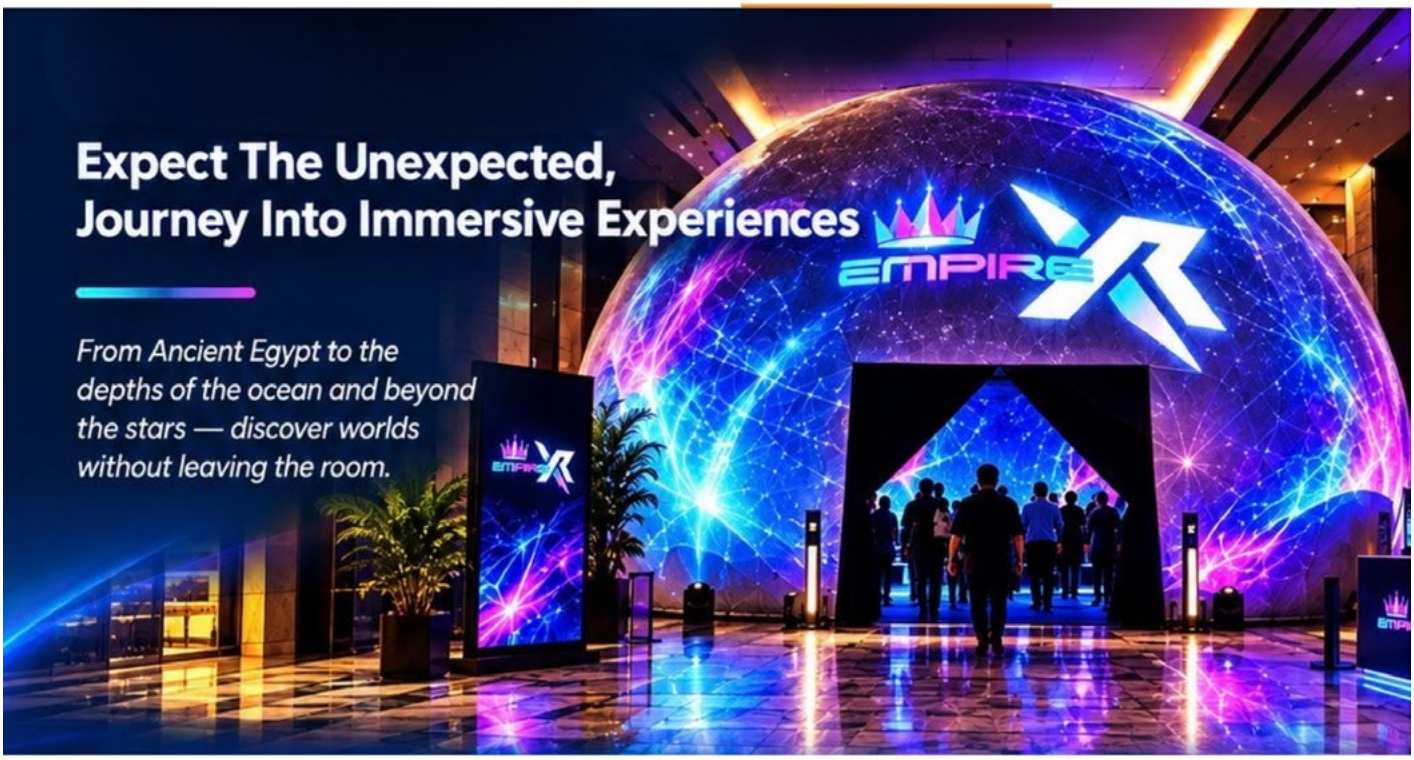
The power of Eos and Hog in the palm of your hand.
The ETCnomad USB key unlocks your laptop as a stand-alone controller or full-fledged part of your lighting system.



etcconnect.com

ETC

Step Into Different Worlds At 4TH XR ASIA SUMMIT 27



Empire XR Indoor Dome 4K. Artist Impression for XRAS 27.

Explore the pyramids and the temples of Ancient Egypt, traverse the vastness of the universe and the mysteries of space, discover the unknown in the underwater world or find yourself surrounded by mesmerising event visuals.

At XR Asia Summit 2027 (XRAS27), Empire XR will host a unique dome immersive experience that takes visitors beyond conventional screens and into a world of panoramic visuals, absorbing sound and digital storytelling.

Using the **Super Reality Dome** technology by **Fulldome.pro**, the experience will showcase how immersive projection can transform an ordinary space into an extraordinary visual environment.

Taking place from 20 to 22 January 2027 at FINAS Damansara (Selangor, Malaysia), XRAS27 brings together technologies, creators and industries, the ecosystem that is shaping the future of AI-XR, spatial media, real-time production and immersive experiences.

Imagine Being Somewhere Completely Different

Unlike conventional screens, which display images in front of an audience, an immersive dome surrounds visitors with visuals, creating a sense of being inside the experience.

The result is a shared environment where stories, landscapes and digital worlds unfold around the audience.

Imagine these worlds…

1. An Egyptian adventure…travel back in time

Picture yourself surrounded by the monumental temples of Ancient Egypt, towering columns,

mysterious hieroglyphics and the golden sands of the desert.

The pyramids rise against the horizon as cinematic visuals transport you into another era thousands and thousands of years ago.

An immersive historical journey could bring ancient civilisations to life in ways that engage audiences beyond traditional documentaries and displays, opening possibilities for museums, education, tourism and, arts, culture and heritage attractions.

2. A space odyssey…journey beyond Earth

Look up and see Earth suspended in space.

Travel past the Moon, glide through distant galaxies and discover colourful nebulae and extraordinary celestial landscapes.

A space-themed experience could transform the dome into a virtual planetarium, combining spectacular visuals with sound to create a journey through the universe.

From astronomy and space science to science-fiction adventures, the possibilities span education and entertainment.

3. An underwater adventure…dive into the unknown

Descend beneath the ocean surface and find yourself surrounded by coral reefs, colourful marine life and vast underwater landscapes.

Schools of fish move around you, sea turtles glide through the water, and giant manta rays pass through the deep blue.

Such an experience could bring the wonders of the ocean closer to audiences, while offering opportunities for marine conservation, environmental education, tourism promotion and ocean-science storytelling.

4. Inside the action…transform events and entertainment

Imagine being surrounded by spectacular concert visuals, dynamic digital landscapes or an immersive brand presentation.

Instead of watching a performance or product launch on a conventional stage screen, the audience becomes part of a larger visual environment.

For event organisers, brands and entertainment companies, immersive domes offer new ways to create memorable experiences, showcase products, present destinations and engage audiences.

These scenarios illustrate the creative possibilities of immersive dome technology.

The actual content and demonstrations featured at XRAS27 will depend on the final installation and programme.

Beyond Entertainment…a New Canvas for Industries

The potential of immersive experiences extends far beyond spectacular visuals.

By combining digital content, projection, sound and spatial design, immersive environments can create new opportunities across multiple industries.

Film and media:
Explore new approaches to cinematic storytelling and immersive content production.

Education and training:
Bring history, science, geography and complex concepts to life.

Tourism and heritage:
Showcase destinations, cultural landmarks and historical environments.

Corporate experiences:
Create engaging product launches, presentations and brand activations.

Events and entertainment:
Develop immersive attractions and new audiovisual experiences.

Environmental awareness:
Help audiences understand ecosystems, marine life and conservation challenges.

The real opportunity lies in what creators and businesses can do with the technology i.e. turning compelling content into experiences that audiences can explore together.

Experience it with Empire XR at XRAS27

Empire XR will host the immersive dome experience at XR Asia Summit 2027, giving visitors an opportunity to discover how digital content can transform a physical space into a shared, immersive environment.

The experience complements XRAS27's wider focus on practical innovation and the convergence of AI, extended reality, spatial media and real-time production.

For filmmakers and content creators, it offers inspiration for new storytelling formats.

For businesses and event organisers, it opens up possibilities for experiential marketing and audience engagement.

For educators and cultural organisations, it demonstrates how immersive environments can make information more engaging and memorable.

The concept is simple: immersive technology is not just about bigger screens or sharper images. It is about changing how people experience digital content — by surrounding them with the story rather than simply showing it to them.

…and when it comes to events and entertainment, the possibilities are limited only by the content and imagination behind the experience.

How Far Can Your Imagination Take You?

Discover the possibilities at XR Asia Summit 2027, taking place from 20 to 22 January 2027 at FINAS Damansara, Selangor, Malaysia.

XR Asia Summit 2027 Deployment Ready. Innovation in Action. Reality Redefined.

Immersive Experience is hosted by Empire XR. See you at XR ASIA SUMMIT 2027!

Explore Empire XR's immersive technology solutions at **https://empire-xr.com/**

Discover more. Explore the possibilities.

About Empire XR
Empire XR is an immersive technology and systems integration company specialising in extended reality (XR), immersive experiences and innovative audiovisual solutions.

By integrating technology, content and audiovisual systems, Empire XR helps transform spaces into engaging environments for entertainment, education, exhibitions, events and commercial applications.

Bringing Stories to Life:
Immersive and Interactive AV in Museums and Visitor Experience Centres

From enveloping soundscapes to exhibits that respond to visitors, AV helps turn stories into experiences. Delivering lasting impact requires careful coordination of storytelling, technology and everyday operation



AI-generated concept image; not an actual project photograph.

A gallery fills with the sounds of a landscape being explored. A visitor touches an exhibit and reveals another layer of a story. Across a large projection surface, imagery unfolds around a group, drawing their attention to details that might otherwise remain unnoticed.

In museums and visitor experience centres, these encounters can give audiences different ways to discover, understand and connect with a subject. Images establish context, sound creates atmosphere, and interaction allows visitors to explore at their own pace.

For AV professionals, the challenge is to bring these elements together around a clear visitor journey. Display systems, audio, sensors, media servers, networking and control must support

the story while meeting the practical demands of a public environment.

Start with the Story and the Visitor

The starting point for an immersive installation is a clear understanding of what visitors should take away from it.

In a museum, the aim may be to illuminate a historical event, explain a scientific process or provide context for a collection. A visitor experience centre might introduce a place, communicate an organisation's work or help audiences understand a complex subject.

These objectives should guide the choice of technology. A large projected environment can establish scale and setting, while a focused interactive display can help visitors examine an individual object or idea. Spatial sound can direct attention or suggest activity beyond the visible scene.

Different audiences also bring different expectations. School groups, families, tourists and specialist visitors may vary considerably in their knowledge, available time and willingness to interact. The experience needs to offer an accessible point of entry, with opportunities for deeper exploration where appropriate.

A useful design question is therefore: what does each AV element help the visitor notice, understand or feel?

Creating Immersion with Purpose

Immersion can come from scale, atmosphere and the relationship between media and the surrounding space.

Projection, LED displays, lighting and audio can work together to establish a setting or guide visitors through a sequence. Their effectiveness depends on how well they fit the architecture, the narrative and the exhibits around them.

A dramatic visual treatment may suit one gallery, while a quieter approach better serves another. Where original objects are displayed, media should help visitors interpret them and maintain a clear relationship with the collection.

Physical conditions shape these decisions. Ambient light affects image visibility, reflective surfaces influence sound, and sightlines determine how comfortably visitors can follow the presentation. Ceiling heights, access routes and equipment locations also affect what can be installed and maintained.

The design must account for how people actually occupy the space. Visitors may enter midway through a sequence, stand at different distances or gather around a popular exhibit. Content and system design need to accommodate those behaviours.

Making Interaction Meaningful

Interaction gives visitors a role in the experience. They might select a topic, manipulate a model, trigger a sequence or see how a choice changes an outcome.

The strongest interactions have an understandable connection to the subject. Visitors should be able to recognise what they can do and receive clear feedback when they act.

Touchscreens, physical controls, tracked objects and motion sensors each offer different possibilities. Selection should reflect the intended audience, the interpretive purpose and the conditions of use. An interaction that requires lengthy instruction may struggle in a busy gallery where visitors arrive continuously.

Group participation needs particular attention. If one person controls an exhibit, others should still be able to follow and benefit from the experience. Where several visitors can interact simultaneously, the system needs a clear way to manage their inputs.

Designers should also consider visitors who prefer to watch. An exhibit can remain rewarding without requiring everyone to take an active role.

Giving Sound a Place in the Story

Audio can establish a sense of location, introduce a voice or draw attention to an unfolding event. Carefully placed sound can make an exhibit feel more immediate and help connect separate elements of a presentation.

In shared spaces, however, each audio experience must coexist with neighbouring exhibits. Sound spill can make speech difficult to understand and weaken the atmosphere that individual installations are intended to create.

Loudspeaker placement, coverage, room acoustics and playback levels therefore need to be considered together. Directional approaches or personal listening systems may be appropriate in some locations, while larger shared experiences may call for broader coverage.

Speech intelligibility remains essential wherever narration carries key information. Visitors also need space to converse, listen to guides and move comfortably between exhibits.

Audio should be assessed within the occupied environment, with adjacent installations operating, to establish whether the overall soundscape remains clear and comfortable.

Coordinating the Complete Experience

An interactive exhibit relies on a connected chain of events. A sensor detects an action, software interprets it, and the appropriate visual, audio or lighting response follows.

Delays, inconsistent triggers or poorly synchronised playback can make an interaction confusing. Reliable performance requires coordination across the complete system, including content, computing, signal distribution and control.

For systems integrators, this makes collaboration with exhibition designers, content producers and software developers essential. Responsibilities need to be clear, particularly where several suppliers contribute to a single experience.

Commissioning should test realistic visitor behaviour. What happens when someone walks away before a sequence finishes? Can repeated inputs interrupt playback? How does the exhibit return to its starting state? Will neighbouring sensors interfere with one another?

These details influence whether an installation remains intuitive and dependable during daily use.

Designing for Visitor Flow and Accessibility

A successful exhibit must work within the wider visitor journey.

An installation that attracts a crowd can affect circulation, obscure nearby displays or create queues. The duration of an interactive sequence, the number of available interaction points and the visibility of shared content all influence capacity.

Design teams should consider where visitors stop, how others pass through and whether people can join or leave an experience easily. Staff should also have a clear view of areas where assistance may be needed.

Accessibility belongs within these early decisions. Viewing positions, control heights, seating, captions, language options and alternatives to particular interaction methods can all affect participation.

Sensory intensity deserves similar consideration. Visitors should have enough

information to judge whether an experience suits them, particularly where it includes loud sound, flashing imagery or enclosed spaces.

Providing different ways to engage can broaden access while allowing visitors to choose the depth and pace of their experience.

Building for Daily Operation

Museums and visitor experience centres need systems that staff can operate confidently throughout opening hours.

Starting the venue, checking exhibit status and shutting systems down should be straightforward. Staff also need practical ways to restart an individual exhibit or restore it to a known state.

Equipment access, ventilation, cleaning and component replacement require attention during design. A concealed installation still needs to be serviceable, especially where maintenance opportunities are limited to periods outside public opening hours.

Documentation, training and support arrangements are equally important. Operators should understand routine procedures, common faults and when to seek technical assistance.

Content management also needs a clear plan. Temporary exhibitions, revised interpretation and new language versions may require updates. Establishing how those changes will be produced, approved and deployed helps the venue maintain the experience over time.

Measuring Impact Beyond the Opening

Visual impact can attract attention, but a venue also needs to understand whether the experience fulfils its purpose.

Useful measures may include visitor participation, understanding, staff feedback, system availability and the ease of updating content. Dwell time can provide context, although a longer visit alone does not establish that an exhibit is effective.

Observation and visitor feedback can help explain how people engage. Do they understand the interaction? Can groups follow the story? Are important messages being missed? Does the experience encourage further exploration?

Agreeing on these questions early gives the project team a basis for evaluation and improvement after opening.

For AV professionals, museums and visitor experience centres offer an opportunity to connect technical expertise with interpretation and experience design. The most effective installations make stories easier to enter, explore and remember—and give operators the tools to keep those experiences working, day after day.

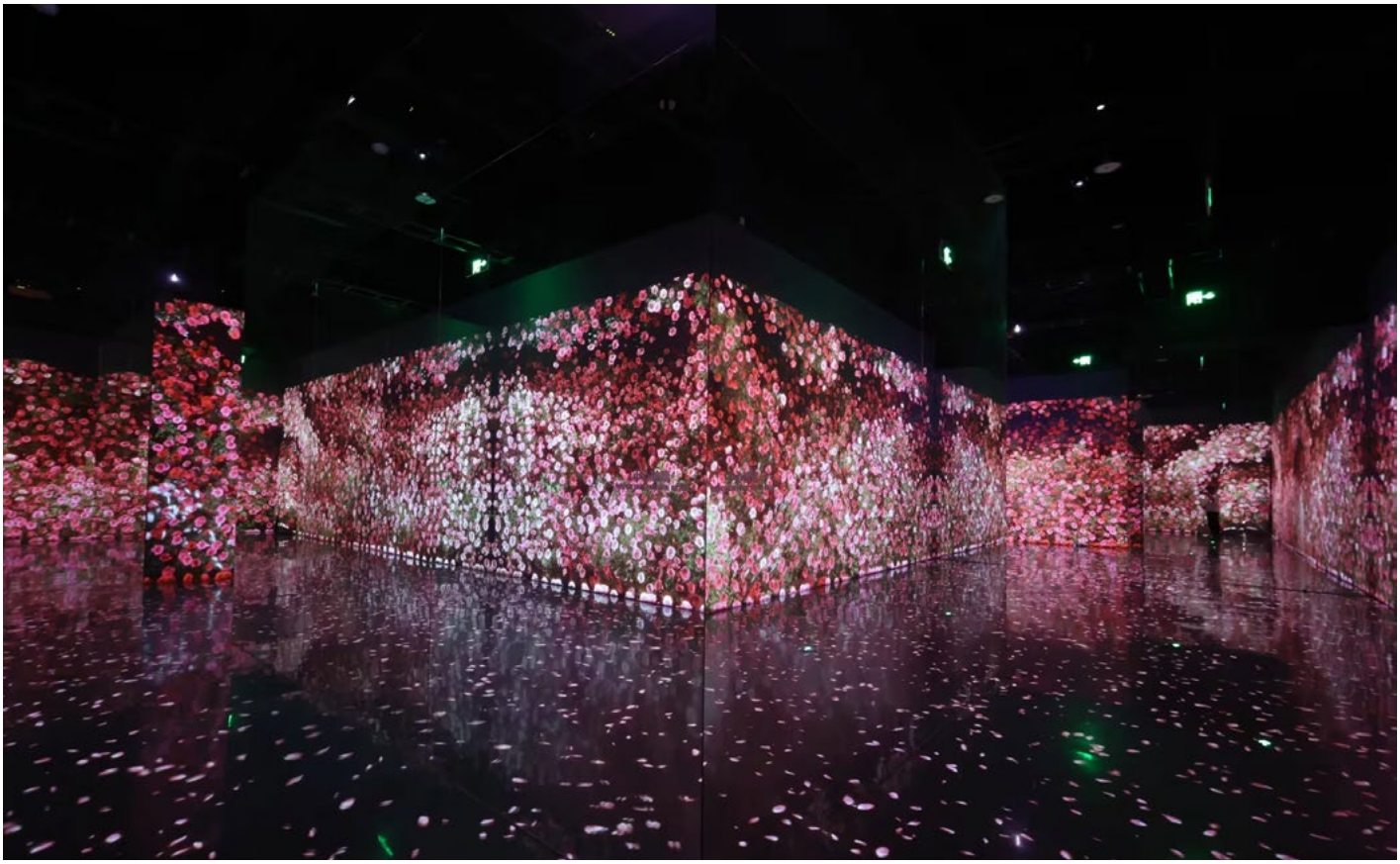
Three Case Studies

The following pages bring these principles to life through two museum projects and a visitor experience centre. Each demonstrates how immersive and interactive AV can draw visitors into a story, with sound, sight and touch becoming part of the journey. Together, they show how thoughtful integration can deepen engagement and create a lasting impression.

Three years of Reliability

Power a New Chapter for ARTE MUSEUM CHENGDU

Across eight immersive installations, Barco projectors transform walls, floors, and architectural elements into dynamic digital canvases, creating a dreamlike world where nature, light, and imagination converge



As one of China's largest digital art spaces, ARTE MUSEUM CHENGDU has relied on Barco projection technology since opening its doors in 2023. After nearly three years of continuous operation, the museum successfully launched a major exhibition refresh, powered by the same projection infrastructure that has consistently delivered exceptional image quality, colour accuracy, and long-term reliability.

Today, Barco's G Series and UDM Series projectors continue to support immersive storytelling across the museum's 5,000-square-meter space, helping create memorable visitor experiences while providing the reliability needed for daily operations.

Creating a Surreal Experience Where Light and Shadow Intertwine

Located in Chengdu's Eastern Suburb Memory district, ARTE MUSEUM CHENGDU combines digital technology and artistic storytelling to create immersive, multisensory experiences.

In 2026, as audience expectations continued to evolve, the museum undertook a comprehensive content refresh with the launch of its new PINK MOON FESTA exhibition. Blending visual effects, soundscapes, and spatial fragrances, the digital art exhibition reimagines the power and beauty of nature

through the theme of "Eternal Nature," delivering a refreshed multisensory journey for visitors.

For immersive venues, the projection system is the foundation of the visitor experience. As exhibitions evolve and content is refreshed, operators must maintain the same high image quality visitors expect while ensuring minimal disruption to daily operations.

Bringing Eight Immersive Environments to Life

Across eight immersive installations, Barco projectors transform walls, floors, and architectural elements into dynamic digital canvases, creating a dreamlike world where nature, light, and imagination converge.

Visitors can experience cascading waterfalls of light in Infinite Falls, wander through mirrored landscapes filled with drifting pink petals in Flowers, and step into fantastical oceans, forests, and skies illuminated by the exhibition's signature pink hues. A giant whale emerges from shimmering waters, moonlit woodland scenes are inhabited by glowing wildlife and the mythical moon rabbit, while flashes of lightning illuminate clouds in a surreal spectacle of colour and movement.

Interactive attractions such as Dynamic Sketchbook encourage participation by transforming children's drawings into animated digital creations. Meanwhile, the large-scale Garden installation uses a combination of UDM and G Series projectors to transport audiences through immersive visual journeys inspired by destinations around the world.

Together, 68 G-series and 28 UDM projectors create seamless, high-quality imagery throughout the museum, allowing visitors to fully immerse themselves in a richly layered, multisensory experience.

Three Years of Stability Supporting Continued Innovation

The essence of an immersive experience is making the technology disappear, allowing audiences to focus entirely on the story unfolding around them. Achieving this requires not only outstanding visual performance on day one, but also long-term consistency throughout years of operation.

Since the museum's opening, Barco's G Series and UDM Series projectors have performed reliably under demanding daily conditions, maintaining image quality across all exhibition





spaces. Their colour accuracy, consistent brightness, and dependable operation provided a solid foundation for the successful launch of the PINK MOON FESTA exhibition.

Jian Youcai, Technical Director of ARTE MUSEUM CHENGDU, comments, “Projector durability, reliability, and overall stability are the key factors we value most in our daily operations. Barco projectors have always been our trusted choice, delivering precise color reproduction, reliable long-term performance, and convenient after-sales support, giving us confidence and peace of mind,”

Beyond enhancing the visitor experience, the projection system has enabled the museum to continue exploring new content partnerships, business models, and audience engagement opportunities. Backed by Barco’s reliability and service expertise, ARTE MUSEUM CHENGDU is well positioned to continue evolving its offering while maintaining the high standards visitors expect. The museum is a reference for the long-term, high-quality operation of digital art spaces in China.

Liu Jun, Director of ARTE MUSEUM CHENGDU, highlights, “In response to changing market trends, we need to move beyond the traditional single-mode operation of art museums and embrace more diverse IP collaborations and content partnerships. We are actively exploring deeper commercial cooperation with the surrounding cultural and creative ecosystem, aiming to achieve mutual growth and win-win development across different sectors.”

Barco

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.

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



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



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.



The Red Dot Mirror room that features Epson projectors with ultra-short-throw lenses bringing vivid, lifelike imagery to the visitor's experience.

"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 Projec**t, 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 precision.

"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.

Epson Singapore

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A High-Tech Showcase

Christie Laser Projection Brings Shimla's History and Heritage to Life at Bantony Castle Museum

Shimla's Bantony Castle Museum transformed into State's first digital ensemble



Five Christie DWU960ST-iS projectors create a 270-degree visual environment with floor projection in the Nicholas Roerich Immersive Gallery.

Shimla, fondly called the queen of the (Himalayan) hills, is a city that evokes images of colonial grandeur, picturesque landscapes, and a rich tapestry of history. Nestled in the heart of this enchanting city lies a hidden gem that whispers tales of a bygone era – the Bantony Castle. A masterpiece of Gothic architecture, blending elements of Medieval European castles with the unique charm of the Himalayan landscape, the building is a testament to the city's legacy as the summer capital of British India.

The very approach to the Castle transports one to a different time and space. The imposing facade, with its pointed arches, intricate stonework, and towering turrets, is a sight to behold. The attention to detail comes out speaking for themselves in every aspect of the building – from ornate carvings on the walls to intricate designs of the stained-glass windows – the castle's interior, characterizes the grandeur of high ceilings, elegance of wooden panelling, and the opulence of the furnishings.

Originally built in 1880 by the Earl of Bantony – designed in the mock-Tudor and chalet style by T.E.G. Cooper – over an erstwhile cottage belonging to Captain A Gordan of the then British Army, this magnificent structure enjoyed the Royal status as the Summer Palace of Maharaja of Sirmaur Raja Surender Bikram Prakash who later during the First World War, handed it over to the British Indian Government for housing additional army contingencies.

While it functioned as the seat of Director General of Police for some time before falling into private hands, it was taken over in 2017 by the State Government which restored is heritage status and converted the whole structure into museum.

Heritage Presented in High-Tech

Subsequent years saw the focus shifting gears, culminating into the current State Government deciding to transform the structure into a grand showcase of the building, and the region's legacy in digital technology mode, and via a sound and light show too.

The digital museum – designed and developed at an approximate cost of ₹8 crore (over US$840,000) – was recently inaugurated by the State Chief Minister Sukhvinder Singh Sukhu.

Designed and implemented by **Tricolor India Schauspiel** the project features as many as 12 Christie projectors across six digital galleries, comprising five **Inspire Series DWU960ST-iS**, four **Captiva DWU500S**, and three GS Series DWU630-GS projectors. Each exhibit was carefully selected and configured to meet the unique spatial, content, and experiential requirements.



Christie Captiva DWU500S projectors power holographic-style presentations featuring Indian independence figures Mahatma Gandhi and Satyanand Stokes.

Rather than applying a uniform technical solution throughout the museum, Tricolor India Schauspiel designed each projection system around its gallery environment as part of its turnkey execution of the digital galleries. This approach supports a wide variety of creative applications, including a 270-degree immersive environment with floor projection, an L-shaped architectural canvas, holographic-style presentations, digital animation, tabletop projection, and theatre-style storytelling.

"The vision for Bantony Castle Museum was to create a contemporary visitor experience that brings Shimla's history and Himachal Pradesh's cultural heritage closer to audiences, while respecting the character of this important property," said Himanshu Sabharwal, creative director of Tricolor India Schauspiel. "Every gallery required a different visual language, so we considered the architecture, content, viewing distance, and desired audience experience before selecting and positioning each projector," he explained. "Christie's breadth of 1DLP laser solutions gave us the flexibility to translate these varied creative concepts into cohesive and engaging experiences."

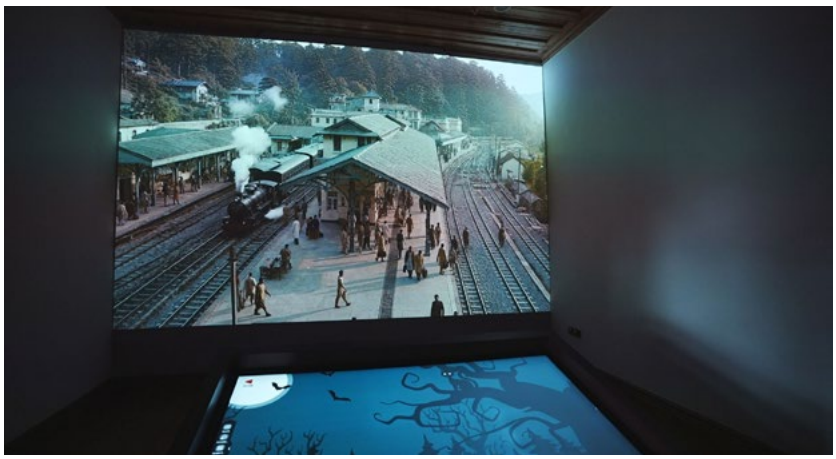
A major highlight is the **Nicholas Roerich Immersive Gallery**, where five Christie DWU960ST-iS projectors create a 270-degree visual environment with floor projection. Animated interpretations inspired by Nicholas Roerich's paintings, projection-mapped content developed by Ross Ashton, director of Tricolor India Schauspiel, and an immersive soundscape designed by Karen Monid surround visitors with imagery evoking the scale and drama of the Himalayas. Precise positioning, alignment, synchronization, and calibration ensure consistency across the multi-surface canvas.

In the **Summer Capital Gallery**, two Christie DWU630-GS projectors produce a synchronized L-shaped corner projection depicting Shimla's historical development, mountainous setting, colonial-era architecture, institutions, and changing urban character. The same gallery also uses two Captiva DWU500S projectors for holographic-style presentations of Mahatma Gandhi and Satyanand Stokes, bringing these historical figures to life for visitors.



In the Taste of Shimla Gallery, a Christie Captiva DWU500S projector transforms a tabletop display into an unconventional journey through Shimla's culinary heritage.

In the Art, Life & Culture Gallery, a Captiva DWU500S animates characters and motifs from the Chamba Rumal, transforming the region's traditional pictorial embroidery into a dynamic digital experience while preserving its cultural identity. In the Taste of Shimla Gallery, another Captiva DWU500S projector is positioned above a purpose-built dining-table exhibit, where projected dishes, ingredients, and culinary narratives take visitors on an unconventional journey through the region's food heritage.



In the Mysteries of Shimla Gallery, a Christie DWU630-GS projector combines large-format visuals and synchronized audio to evoke Shimla's colonial-era mysteries.

A Christie DWU630-GS projector also powers the Mysteries of Shimla Gallery, where large-format wall projection, atmospheric visuals, and synchronized audio establish a cinematic setting for stories inspired by the legends, unexplained incidents, and mysteries associated with Shimla's colonial past.

"Bantony Castle Museum demonstrates how projection can become integral to the narrative rather than simply a way to display content," said **Rishubh Nayar, ProAV Sales Director for India, Christie**. "By combining the performance and installation flexibility of our 1DLP laser projectors with Tricolor India Schauspiel's creative direction, AV engineering, and content integration expertise, the team delivered experiences that adapt to each story," he asserted. "We're delighted that Christie technology is helping the museum present Shimla's history and cultural traditions in such varied and compelling ways."

All photos courtesy of Tricolor India Schauspiel.

Christie

TAIWAN

Aavara Powers Taichung International Convention and Exhibition Center, Taiwan's Newest Landmark

Over 158+ units of Aavara Dante AV-A Senders/Receivers seamlessly integrate with Shure, Yamaha, and Bosch audio hardware managed by Dante Domain Manager (DDM) to create a world-class, fully unified AV-over-IP environment



Taichung International Convention and Exhibition Center.

Aavara, a global leader in high-performance AV-over-IP integration solutions, is proud to announce the successful deployment of its flagship Dante AV-A solution at the newly opened Taichung International Convention and Exhibition Center (TICEC). Jointly spearheaded by Taiwan's Ministry of Economic Affairs (MOEA) and the Taichung City Government, and operated by the Taiwan External Trade Development Council (TAITRA). It stands as Taiwan's latest diamond-level green landmark. Situated in the heart of the Shuinan Trade and Economic Park, the center's iconic "magic carpet" architectural design symbolizes Taiwan's industries taking flight globally. To power its state-of-the-art facilities, TICEC has implemented a cutting-edge, venue-wide Aavara x Dante AV Ecosystem designed to handle the most demanding international summits, conferences, and corporate events.

An Enterprise-scale AV-over-IP Deployment

To meet the high-capacity, low-latency requirements of this world-class venue, Aavara deployed the AV matrix of total 158+ units of the PB9700DNT Dante AV Senders and

FACT FILE

Project Name: Taichung International Convention and Exhibitiion Center

Project Location: Taichung City, Taiwan

Project Segment: Venue

AV Highlight: An enterprise-scale AV-over-IP deployment

Key AV Brand: Aavara Dante AV-A Senders/Receivers, Dante Domain Manager, Shure, Yamaha and Bosch.



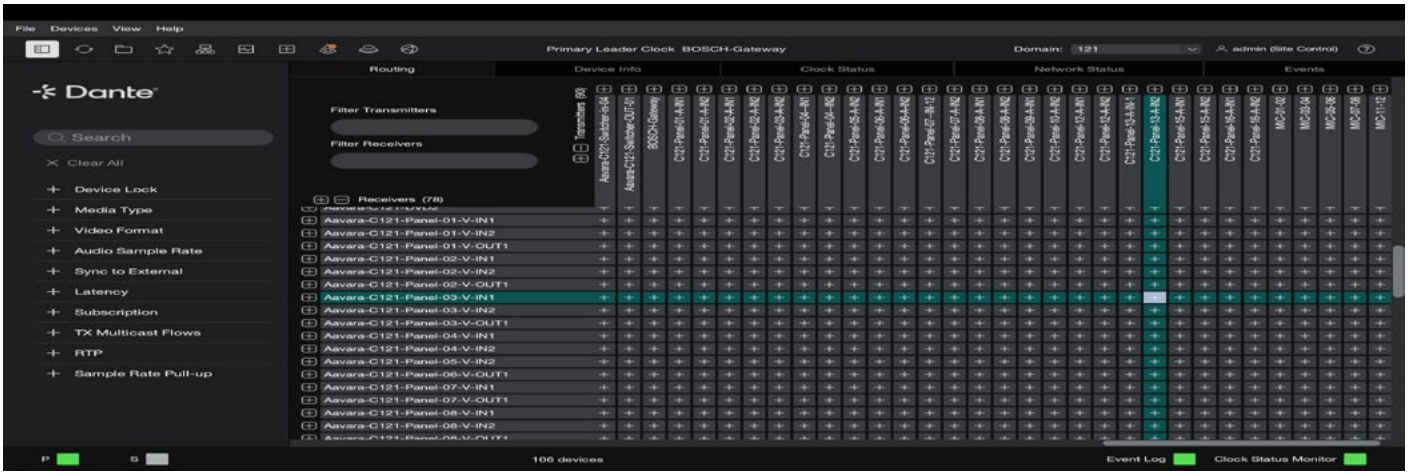
Receivers. This venue-wide installation spans two highly flexible convention levels: the 1st floor features 9 independent professional conference rooms that can easily transition into an open-plan corporate event space, while the 3rd floor houses an expansive, independent hall designed for versatile multi-purpose space ready for diverse future application.

Leveraging Dante AV technology, the system delivers visually lossless 4K video and ultra-low latency over standard 1GbE networks, ensuring that every presentation, keynote, and live broadcast is delivered with flawless clarity and precision.

A Fully Unified Dante Ecosystem

Beyond video distribution, TICEC required a comprehensive, unified audio-visual network. Aavara seamlessly integrated its AV-over-IP hardware with a premium, multi-brand audio ecosystem featuring Dante-enabled hardware from industry leaders, including Dante AVIO, Yamaha, Bosch, Shure- all running on a multi-switch ethernet networks powered by Netgear AV Line.

Unlike traditional matrix switches, the Aavara Dante AV solution allows for completely independent audio and video stream routing.



Dante Domain Manager.

AV operators can route high-definition video to projectors/displays while sending separate audio streams directly to Dante-enabled DSPs, mixers, and amplifiers, maximizing room-configuration flexibility without adding complex cabling or conversion hardware.

Centralized Control via Dante Domain Manager (DDM)

To manage this vast, multi-room AV network, the entire ecosystem is secured, monitored, and orchestrated by Dante Domain Manager (DDM). This centralized approach guarantees robust network security, user authentication, and seamless audio/video routing across different network subnets.

New Generation Aavara AV Master

Complementing this infrastructure is the Aavara AV Master, which serves as a highly capable secondary controller designed to operate alongside primary Crestron control systems. The Aavara AV Master enhances the user experience through:

*** Real-Time Routing:** A web-based, centralized interface provides live video previews of all inputs and outputs. Operators can effortlessly drag-and-drop video sources based on reallime video snapshots, drastically simplifying control video workflows.

*** Native Dante Managed API Support:** Integrated directly with DDM, the Aavara AV Master allows multi-domains AV routing that encompasses both Aavara endpoints and third-party Dante hardware, including Dante AVIO adapters, Yamaha mixers, Shure microphones, and Bose Professional audio systems.

*** One-Touch Presents (Scenes & Macros):** System administrators can pre-program complex, multi-step configuration control sequences. With a single click, rooms can instantly transition from a unified grand ballroom setup to independent breakout rooms.

Setting a New Benchmark for Global ProAV

“The Taichung International Convention and Exhibition Center represents the future of smart, sustainable MICE venues,” said **Nick Hsu, Aavara Director**. “By combining our high-performance Dante AV hardware with leading audio partners and centralized DDM management, we have built a highly flexible, secure, and intuitive AV ecosystem. This project stands as a shining example of how Aavara’s Dante AV is redefining what is possible in mega-scale AV integration.”

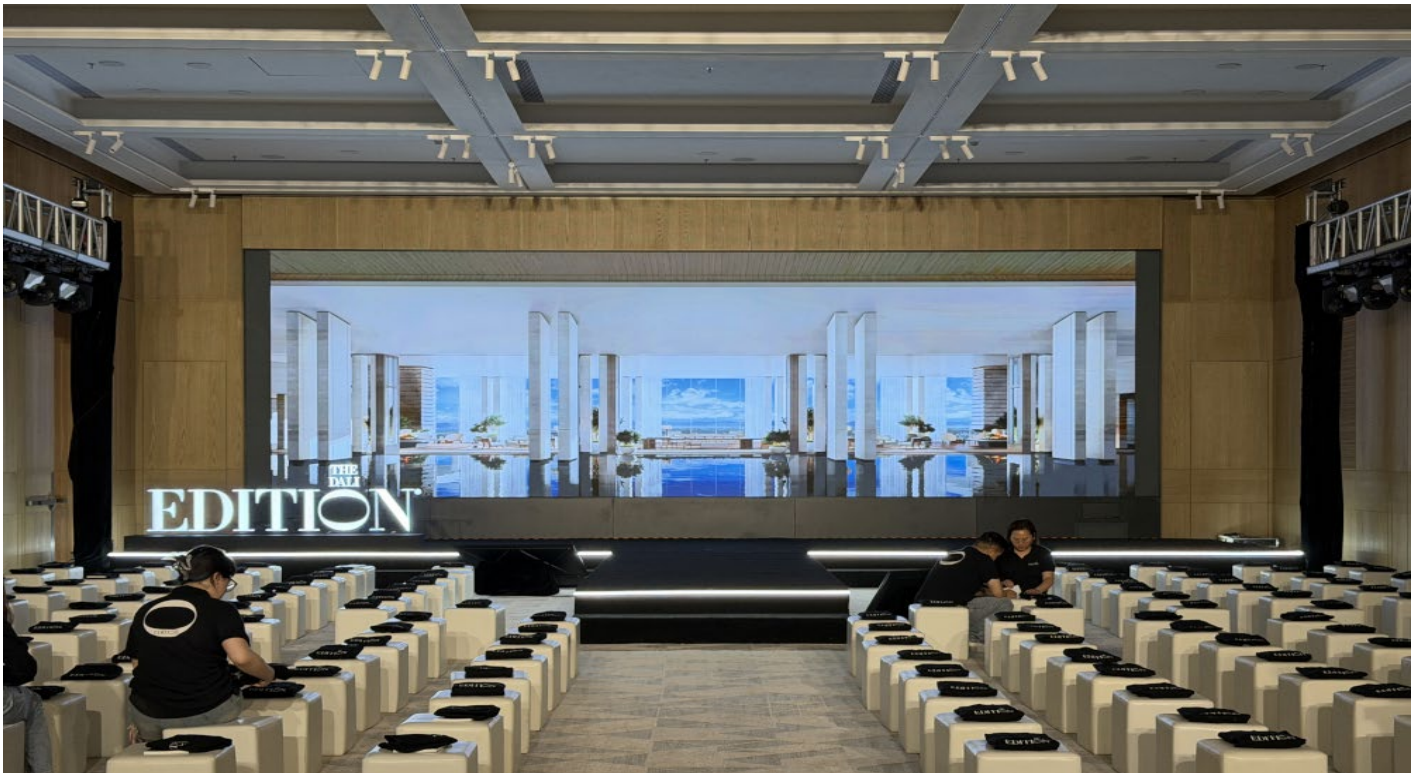
For more details on the Aavara PB9700DNT Dante AV-A solution visit

Aavara’s Official Website

CHINA

K-array Delivers Concealed, Zone-Tuned Audio System for Dali EDITION

K-array and KGEAR loudspeakers deliver consistent, high-fidelity sound across the resort's dining, ballroom and outdoor spaces without disruption to its restrained, nature-led design



The Dali EDITION is the third EDITION hotel in Greater China and the first in Western China, set at the foot of Cangshan Mountain with uninterrupted views across Erhai Lake. Designed by CCD around a contemporary courtyard concept, the resort weaves aged timber, bluestone and cobblestone drawn from local Bai ethnic traditions into a series of low-rise buildings that follow the natural terrain, with a spring-fed stream running through its gardens, terraces and public areas. The property has 151 guest rooms, suites and private pool villas, each at least 60 square meters and with mountain or lake views, alongside four dining venues, a banquet and meeting space, a spa, a fitness centre, semi-open terraces for casual drinks and outdoor lawns used for weddings and private events.

The project was sourced through an audio consultant, with K-array selected for how closely its loudspeakers could integrate visually with CCD's interior design without compromising audio performance. Shanghai JETA, K-array's official distributor in China, provided technical support throughout, from careful component selection after CCD's architectural and interior schemes were

FACT FILE

Project Name: The Dali EDITION

Project Location: Yunnan, China

Project Segment: Hospitality

AV Highlight: To deliver discreet, high-quality audio across the luxury resort's indoor and outdoor spaces

Key AV Brand: K-Array and KGEAR





finalised through to on-site tuning. Jason Zhao, director of sales and operations at K-ARRAY. CN LTD, worked with the consultant to match speaker models, mounting solutions and coverage patterns to each zone's function and site conditions, coordinating with the architecture, mechanical, electrical, plumbing, and hotel operations teams as the design developed.

As the hotel's dining rooms, lobby and pool areas rely on exposed timber and stone with minimal visual clutter, these zones use Tornado KT2 point sources and KT2C ceiling speakers, chosen for their small footprint and even distribution of background music across large, open floor plans. The ballroom, which hosts conferences, weddings and live performances and can be partitioned for smaller events, runs on KY102 line arrays paired with recessed KS2P I subwoofers that extend response down to 35Hz while remaining hidden within the wall structure. This gives the room both speech clarity and the dynamic headroom a live band or DJ set requires. The terrace lounge and outdoor bar use weatherproof KGEAR GF82 I line arrays with GU210 subwoofers, sized to shift between soft daytime background music and higher-energy evening events, with external DJ input ports reserved for parties and cocktail functions. Their placement along the covered terrace perimeter keeps sightlines to the mountain and lake unobstructed.

Signal for background music, banquets and events runs through an audio matrix and zoning processor before reaching dedicated amplifier channels for each zone's K-array and KGEAR loudspeakers. Each space has independently adjustable volume and playlists, while the





ballroom has its own digital mixing console linked to the matrix for live events.

The main technical challenge was concealing a full professional audio system inside an interior built around exposed natural materials. The solution also had to meet very different acoustic demands from zone to zone, from quiet, uniform background sound in the dining and lobby areas to the higher dynamic range and low-frequency output needed in the ballroom and outdoor bar. K-array's team worked with the fit-out and low-voltage contractors during early design reviews to fix speaker locations, mounting depth and cabling routes, then returned on-site to recheck placement and to tune each zone once installation was complete.

For Zhao, the project underlined how far K-array's range extends beyond the products the brand is best known for. "This project demonstrated K-array's strength extends far beyond compact, minimalistic hardware," he said. "K-array and KGEAR form a complete hotel audio ecosystem, solving concealed installation while delivering scalable coverage, dynamic range and low-frequency support for background music, banquet PA and outdoor entertainment alike."

Unlike traditional standalone speaker installations, the audio system at the Dali



EDITION integrates with architecture, interior finishes, landscapes and hotel operations. It balances visual subtlety, audio fidelity and operational flexibility instead of prioritising sheer SPL or hardware specs. Every zone features tailored audio treatment unified under the resort's core ethos – natural, refined, understated design harmonised with scenery. More than a sound installation, it embeds audio into the premium guest experience at a luxury hotel nestled in nature.

K-Array

INDIA

Kramer AV Creates High-Performance Collaboration Spaces for SailPoint Technologies

Integrated solution creates flexible meeting spaces that can operate independently or as one combined room, with seamless connectivity and centralised control for hybrid collaboration



Today's workplace is more fluid than ever. Teams gather in person one hour, collaborate with colleagues across continents the next, and often need meeting spaces that can change just as quickly as the agenda itself. At its Pune office in India, SailPoint Technologies has embraced that flexibility, creating an intelligent collaboration environment powered by Kramer that supports meetings of different sizes and formats.

Founded in 2005, SailPoint Technologies is a global leader in enterprise identity security, helping organisations protect digital identities across increasingly complex IT environments. With collaboration playing an important role in its global operations, SailPoint required meeting spaces that could adapt easily to different needs while providing a consistent experience for both in-room and remote participants.

At the heart of the project was a common but complex AV challenge: enabling two neighbouring meeting rooms to operate independently for everyday meetings, while also allowing them to become one larger space for executive presentations, training sessions and town hall events.

FACT FILE

Project Name: SailPoint Technologies

Project Location: Pune, India

Project Segment: Corporate

Systems Designers and Integrators: SRSG Broadcast India Pvt. Ltd

AV Highlight: To enable the office to seamlessly transform two independent meeting rooms into one larger collaboration environment

Key AV Brand: Kramer AV

When the rooms are combined, the audio, video, USB and control environment also needs to work as one. When separated, each room needs to return to independent operation — without users having to manually reconfigure the technology.

SailPoint partnered with **SRSG Broadcast India Pvt. Ltd**. to design and deliver a fully integrated Kramer solution combining professional audio, 4K video distribution, wireless collaboration, USB connectivity and centralised room control within a dedicated AV network.

At the touch of a button, users can select the required room configuration, with the underlying AV systems working together to support the selected environment. The result is a consistent experience whether the space is being used for a small team meeting, hybrid collaboration or a larger company event.

Flexible Video and Collaboration

At the core of the video architecture is the Kramer VS-66H2 matrix switcher, providing flexible routing of multiple video sources to displays across the rooms.

Kramer SWT3-22-HU-WP-T wall plates provide USB-C and HDMI connectivity for laptops, while Kramer VIA Connect3 enables wireless presentation and collaboration. This gives employees the flexibility to connect and share content in the way that best suits the meeting.

For long-distance signal distribution, Kramer EXT3-TR and TP-583R HDBaseT solutions transport 4K60 video and control signals over structured cabling, with USB extension provided by the EXT3-TR, creating a reliable infrastructure capable of supporting the different room configurations.

Clear, Consistent Hybrid Communication

Professional audio was an equally important part of the design, particularly when the spaces are used for hybrid meetings.

Dual Kramer DSP-62-AEC digital signal processors provide acoustic echo cancellation, automatic microphone mixing and noise suppression, with dedicated processing logic supporting both independent and combined room configurations.

Audio is amplified through the Kramer PA-240Z and distributed through ceiling loudspeakers, providing consistent coverage across the spaces and supporting clear communication between in-room and remote participants.

Hybrid collaboration is further simplified through the Kramer SWT3-41-U, which enables cameras, microphones and other USB peripherals to be shared between the rooms.



This removes the need to manually reconnect USB equipment when the room configuration changes and supports BYOD workflows across conferencing platforms such as Microsoft Teams and Zoom.

One-Touch Room Control

Bringing the complete environment together is the Kramer KC-Virtual Brain1, coordinating video routing, audio processing, USB management and room-combine functionality through a centralised control platform. Kramer RC-308 wall controllers provide straightforward one-touch operation for everyday users, while an Apple iPad interface provides access to additional controls when required.

Users can select Room 1, Room 2 or Combined mode, with the system coordinating the required AV functions behind the scenes. This reduces the complexity typically associated with divisible meeting spaces and enables users to focus on the meeting rather than the technology supporting it.

“This project demonstrates how intelligent system design and the Kramer ecosystem can transform modern meeting environments into flexible, high-performance collaboration spaces,” commented Ashish Papadkar, IT Support Specialist at SRSG Broadcast India Pvt. Ltd. “The seamless room management and



centralised control architecture give SailPoint the operational simplicity and enterprise-grade reliability needed to support different meeting formats.”

For SailPoint’s IT team, the unified architecture also simplifies the environment that needs to be supported. A dedicated AV network provides a segregated infrastructure for the collaboration technology, while the integrated approach makes ongoing maintenance and future expansion easier to manage.
The result is a flexible collaboration environment designed to adapt from everyday meetings to hybrid sessions, training and larger events without requiring users to think about the technology behind it. Whether the rooms operate independently or as one combined space, the same Kramer infrastructure supports consistent video, audio, USB connectivity and control.

Kramer AV

CHINA

LEDMAN QS Icescreen Supports Smart Operations at Pinglu Canal

Ultra-high-definition LED displays enable real-time monitoring, digital twin visualisation and coordinated dispatching across two key control centres



The Pinglu Canal in Guangxi, China, officially opened to navigation on September 16, marking a major milestone for the New International Land-Sea Trade Corridor. Connecting the Xijiang River system with the Beibu Gulf, the canal provides a new maritime route for southwestern China and is expected to strengthen logistics connectivity between inland China and international markets, including ASEAN. By improving access to sea transport, the project is set to support regional trade and economic cooperation.

Against this backdrop, LEDMAN Optoelectronic has deployed its QS Icescreen ultra-high-definition LED display systems at two key control centres along the canal, in Nanning and Qinzhou. The installations provide a visualisation platform for monitoring, dispatching and operational management, supporting the digitalisation of this major infrastructure project.

Dual Control Centres for Coordinated Canal Operations

The Pinglu Canal connects the Xijiang River system with the Beibu Gulf, establishing a new maritime transport route for southwestern China. Its Nanning and Qinzhou control centres serve as operational hubs for centralised control, dispatching and intelligent management across the waterway.

LEDMAN supplied two QS Icescreen ultra-high-definition LED display systems to support critical operational tasks at both centres, including navigation monitoring, digital twin

FACT FILE

Project Name: Pinglu Canal

Project Location: Guangxi, China

Project Segment: Transportation

AV Highlight: To ensure reliable 24/7 operation for real-time navigation monitoring, vessel tracking, digital twin operations and centralised dispatching

Key AV Brand: LEDMAN



visualisation, vessel tracking, hydrological and water-level monitoring, and ship lock dispatching.

The displays also serve as visualisation terminals for the canal's digital twin platform, presenting a three-dimensional model of the waterway that mirrors its physical layout. This enables operators to remotely monitor the operating status of ship locks across the canal's three major hubs, while bringing large volumes of operational data together on a unified display platform.

By consolidating real-time operational information in a single visual environment, the systems help dispatch teams assess overall conditions, coordinate navigation and respond more effectively to emergencies. This supports the reliable operation of a transport corridor designed to improve connectivity between inland China, the Beibu Gulf and overseas markets.

QS Icescreen Delivers High-Definition Visualisation for 24/7 Operations

The project features LEDMAN's QS Icescreen series, which combines ultra-high-definition image quality with low-power operation and reliability features designed for demanding control-room environments.

The displays deliver clear, detailed imagery and excellent screen flatness, supporting the presentation of complex operational data



and visual information. Redundant power supplies and receiving cards provide automatic switchover in the event of a single-path failure, helping maintain display continuity during critical dispatching activities.

Low-glare imaging supports comfortable viewing during extended monitoring sessions, while AI-based pixel technology helps optimise power consumption. These features make QS Icescreen well suited to control centres that require stable, continuous operation around the clock.

During the canal's opening and associated operational support activities, the display systems completed their assigned support tasks, with performance meeting the control centres' operational requirements.

Smart Visualisation for Regional Infrastructure Development

As major infrastructure projects increasingly adopt digital twin platforms and centralised operational systems, reliable visualisation is becoming an important part of daily monitoring, decision-making and emergency response.

The Pinglu Canal represents a significant step in improving transport connectivity for southwestern China, with the potential to strengthen logistics links between inland regions and ASEAN markets. Its long-term contribution to regional trade will depend on a range of factors, including transport demand, logistics integration and the development of supporting infrastructure.

For LEDMAN, the project demonstrates how ultra-high-definition LED display systems can support the digital operation of complex transport infrastructure. By combining high-definition visualisation, energy-efficient operation and system redundancy, QS Icescreen provides a reliable display platform for canal monitoring and dispatching.

LEDMAN continues to develop its in-house COB display technologies for demanding applications, including command and control centres, smart transportation and other critical infrastructure environments. Through these solutions, the company supports the development of smarter infrastructure and more connected transport networks.

LEDMAN

THAILAND

Japanish Finds its Rhythm with Optimal Audio

Optimal Audio's four-zone sound system delivers flexible audio control across dining, terrace and dancefloor spaces while maintaining a consistent sound experience throughout the venue



Bangkok's Japanish blends cultural precision with Spanish warmth in one kitchen, whilst the recently installed Optimal Audio ecosystem creates clever zoning control instead of fusion. This dynamic space operates from 5:30 pm to four in the morning, changing from dinner to drinks to dancefloor, with each function separated into its respective zones. The DJ set exudes its power in one area, whilst the peaceful terrace chills to its own tunes. Meanwhile, the restrooms and a corner that exists to be photographed maintain subtle background music levels and clean lines of sight.

Central to the installation, designed and specified by Wasee Karnchawee of Optimal Audio distributor, **ProPlugin**, an Optimal Audio Zone 4 draws the lines. Four zones cover the space, each run as its own room with dedicated volume, EQ and source. The terrace maintains a conversational level while the dancefloor rocks its own level, and a private party in one area leaves the rest of the building untouched.

Karnchawee explained, "The brief was really about separation. The client wanted the terrace and the indoor room to feel like different places, and that only works if you can treat them as different systems. Zone 4 lets us do that."

FACT FILE

Project Name: Japanish
Project Location: Bangkok, Thailand
Project Segment: Hospitality
Systems Designers and Integrators: ProPlugin
AV Highlight: To allow the venue to transition seamlessly from dining to nightlife without compromising sound quality or ambience
Key AV Brand: Optimal Audio

Karnchawee added, “We specified Optimal Audio because it’s so simple to install as well as being easy for staff to use. The appeal of the ecosystem is that you are not making products from different manufacturers agree with each other. Zone, ZonePad and the loudspeakers were specified together, so the install was cabling and configuration rather than problem solving.”

With shifts changing across a service that runs into the small hours, control was specified so that anyone on the floor can operate it. Optimal Audio’s WebApp lets whoever is on shift change the volume in any zone from a phone or a tablet, wherever they happen to be standing. The ZonePad 4 located on the wall does the same from a single position, handling source and level across all four zones without anyone reaching for a device at all.

Indoors, the Optimal Audio loudspeakers meet the dual demands of the space. Eight-inch Cuboid 8 cabinets and 10-inch Sub 10 subwoofers are compact enough to sit quietly in a carefully considered room and capable enough to carry a full DJ set through to closing without the low end thinning out when the floor fills. The DJ area gets its output whilst the quieter areas are not disturbed.

Karnchawee said, “What the client noticed first was that the audio quality is the same across the venue. You can walk from the terrace to the



dancefloor, and the sound character does not change, even though the levels and the sources do.”

In the restrooms, and in the photo corner where sightlines need to be clear, ceiling speakers sit flush to the surface, creating a deliberately clean and unbroken visage. The results there are measured by what nobody notices. According to Karnchawee, “You want people to hear the music and never once look up to find where it’s coming from.”

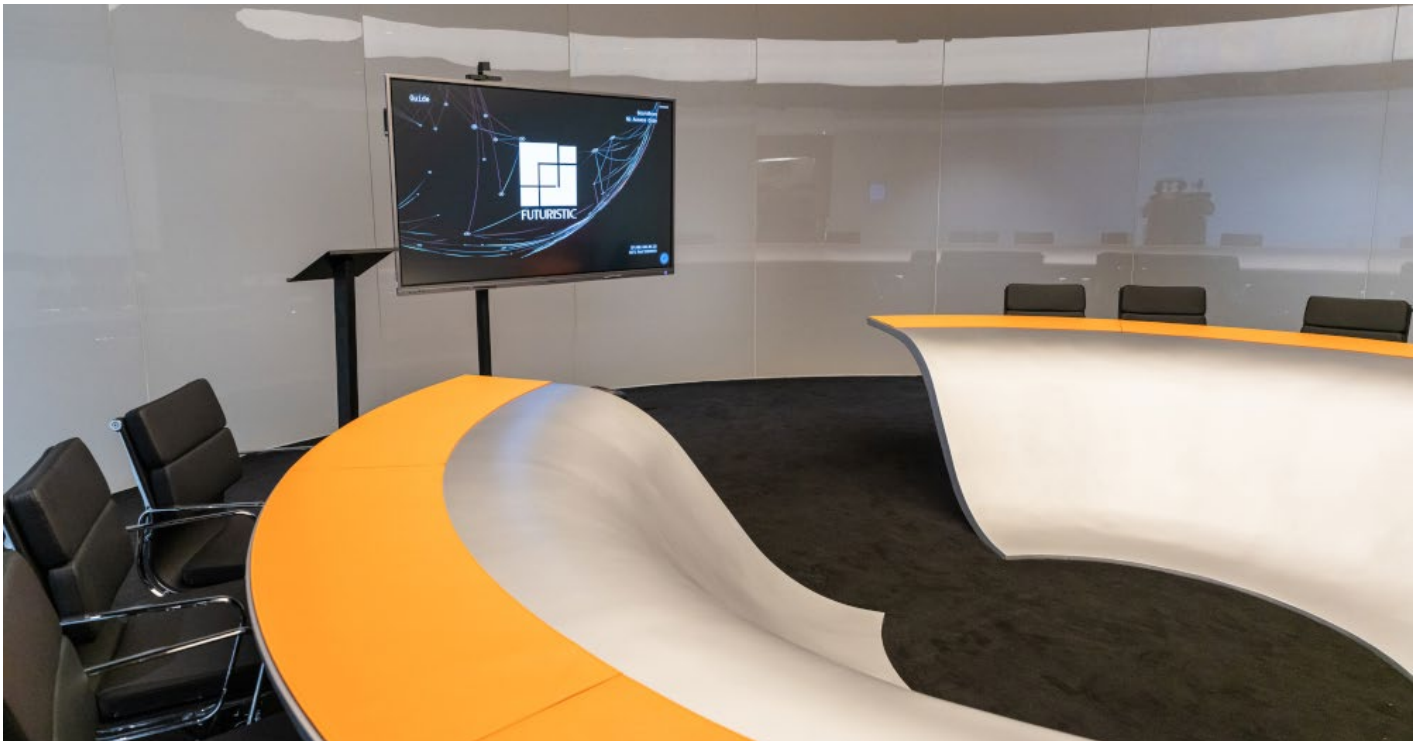
On the plate, Japanish brings two traditions together. In terms of its ambience, the venue trusted Optimal Audio to keep pace with its dynamic nature, to separate the zones and ensure easy, intuitive control of each.

Optimal Audio

MALAYSIA

WyreStorm Powers Modern Conference Space for Futuristic Store Fixtures

Integrated collaboration and connectivity solutions bring seamless conferencing and presentation capabilities to a circular meeting space while preserving its distinctive design



Futuristic Store Fixtures Sdn Bhd is a Singapore-based store fixtures specialist with a manufacturing facility in Malaysia. With design at the heart of its business, the company wanted the main conference room within its new manufacturing facility to reflect the same attention to aesthetics and functionality found throughout its working environment.

System Integrator **Naga AV Sdn Bhd** worked with Futuristic Store Fixtures to deliver a modern meeting and collaboration space that combined professional AV functionality with a simple user experience, without compromising the distinctive design of the room.

At the centre of the installation is a suite of WyreStorm collaboration, presentation and USB solutions designed to bring video conferencing, content sharing and room connectivity together within one streamlined AV environment.

The Challenge

Unlike a conventional rectangular boardroom, the conference space featured a circular layout, making the physical integration of technology an important part of the overall project.

FACT FILE

Project Name: Futuristic Store Fixtures Manufacturing Facility
Project Location: Malaysia
Project Segment: Corporate
Systems Designers and Integrators: Naga AV Sdn Bhd
AV Highlight: To integrate video conferencing, presentation switching and USB connectivity into a uniquely designed circular conference room
Key AV Brand: WyreStorm





As a new-build installation, Naga AV was able to implement the AV system from the ground up. However, for a company focused on manufacturing and engineering, technology could not simply be added to the room as an afterthought. The equipment needed to integrate cleanly into the space while still providing the functionality expected from a modern corporate meeting environment.

The system also needed to remain straightforward for employees to operate. Users needed to be able to enter the room, connect, present, and communicate without navigating a complicated AV setup or relying on technical support.

For Naga AV, this meant delivering a solution that combined clean integration, dependable performance and intuitive operation while remaining efficient to install and support.

The Solution

Naga AV deployed a combination of WyreStorm collaboration and connectivity products to create an integrated conferencing environment centred around ease of use.
The WyreStorm SW-640L-TX-W 4-Input 4K Presentation Switcher provides the presentation and connectivity foundation for the room, allowing meeting participants to bring content into the AV system from multiple sources.



For video conferencing, the installation incorporates the WyreStorm CAM-420-PTZ 4K Dual-Lens PTZ Camera, providing the camera element of the collaboration system, alongside the APO-SKY-MIC Ceiling Mic and COM-MIC-HUB Microphone Hub to support meeting-room audio capture and communication.

The EX-60-USB2 60m USB 2.0 Extender gives Naga AV additional freedom over the positioning of USB devices within the room, allowing equipment to be located where it works best for the space rather than being dictated by the location of the host computer.

Additional WyreStorm connectivity, including the APO-DG-HDMI Adapter and EXP-4KUHD1.0 Cable, helps complete the signal chain.

The WyreStorm platform is complemented by Audio-Technica ATDM audio processing, Next Audiocom A504 and C6 audio equipment, and Belden network cabling, resulting in a complete AV environment designed around the requirements of the room.

The Result

The completed conference room provides Futuristic Store Fixtures with a modern collaboration environment that combines AV functionality with the company's design-led approach to its workspace.

Most importantly, the technology remains simple for employees to use. Feedback from the end user has highlighted the system's ease of use and user-friendly operation, allowing meetings to begin without unnecessary technical complexity.

The installation experience has also been positive for Naga AV, with the System Integrator highlighting the simplicity and reliability of the WyreStorm equipment.

"The feedback from end users has been that the equipment is easy to use and very user-friendly. From an installer's perspective, the WyreStorm system has been easy to install and reliable, and it has given us no headaches." — Naga AV Sdn Bhd.

For a room in which technology needed to perform without dominating the design, the finished installation demonstrates how carefully selected AV solutions can provide powerful collaboration capabilities while remaining discreet, dependable and intuitive.

By bringing together presentation switching, conferencing, USB extension and room connectivity within the same solution ecosystem, WyreStorm helped Naga AV create a conference room where technology complements the space rather than competing with it.

WyreStorm

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