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AUDIO | VISUAL | CONTROL | COLLABORATION | UNIFIED COMMS

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VOICEBOX

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NEWS

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FEATURE

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"The production quality once limited to traditional broadcast studios can now easily be achieved in-house. With accessible, professional-grade tools and seamless audiovisual workflows, more organizations are investing in studios that offer greater control, consistency, and long-term cost efficiency"

Travis Wigley, Senior Director of Sales – APAC, Ross Video



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To read more go to Feature on page **48**

From the Publisher

Thomas Richard Prakasam
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Should corporates consider setting up an in-house production studio? That's the question our Feature column explores in this issue. An in-house studio fosters innovation by allowing teams to experiment more freely without the constraints of outsourcing. In this issue, we hear from Fintan Mc Kiernan of Ideal Systems and Travis Wigley of Ross Video, who share their insights on the subject.

In our Installation column, we highlight the Central Vigilance Commission (CVC) head office in India, which required advanced communication architecture for its internal communication as well as to connect with various government organisations. Televic Conference systems took pride of place, delivering a minimalist yet optimally multifunctional communication setup. New Delhi-based Shree Info Systems earned the honours of integrating the systems, blending a multi-brand AV network into a seamless solution.

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Immersive AV Experiences are Becoming the New Expectation for Family Entertainment



Nick Mourn, Applications Engineering
Consultant Relations Manager
LEA Professional

Immersive AV experiences have surged in popularity in recent years, driven by a combination of advanced technology, changing consumer interests, and new opportunities to merge media, art and entertainment. Families are drawn to these experiences for their interactive and engaging nature, moving away from passive forms of entertainment like movie-watching. Instead, they seek more immersive activities that engage multiple senses, appealing to those looking to make memories through new experiences.

However, the AV system requirements for immersive experiences are significant. The responsibility of ensuring that no device fails, that the audio and video are properly synchronized, and that the audio sounds

amazing falls on the shoulders of AV integrators. Immersive events quickly give way to bad user experiences if these issues arise. Luckily, the pro AV market is moving to the cloud, providing integrators more opportunities to monitor and maintain AV systems remotely. This allows for faster troubleshooting and problem resolution while eliminating travel and often leads to happier customers.

Proactive Issue Resolution

Remote monitoring allows for real-time tracking of AV equipment performance. Often, technicians can identify and address problems before end users even notice a problem occurs. Many remote monitoring systems can be configured to send alerts and notifications based on predefined thresholds or events. This proactive approach minimizes downtime and ensures a smoother user experience.

Cost Savings

By monitoring AV equipment remotely, organizations can reduce the need for onsite visits and service calls, which leads to cost savings in travel expenses, labor and time. Conversely, integrators can benefit from recurring revenue streams created by service contracts for remote monitoring services and can schedule their technicians more effectively for value-added service calls across all clients.

Remote Configuration and OTA Updates

Remote monitoring facilitates efficient maintenance of software and firmware updates,

which allows systems to stay current with the latest features and capabilities. Updates and patches can be applied remotely during off-peak hours, ensuring the AV equipment is running the latest software or firmware without requiring manual intervention at each physical location.

Scalability

Cloud infrastructure allows AV integrators to scale their resources up or down based on project demands. Whether they're handling a small installation or a large-scale deployment, integrators can quickly adjust their computing power, storage capacity and networking resources to meet the needs of each project without investing in additional hardware or infrastructure.

Topgolf Jakarta Case Study

Topgolf is revolutionizing the game of golf by making it more accessible, social and technology-driven. Unlike traditional golf, which often requires significant time, skill and equipment, Topgolf offers a high-energy, entertainment-focused experience that appeals to both avid golfers and casual players. The second Topgolf location in Southeast Asia,

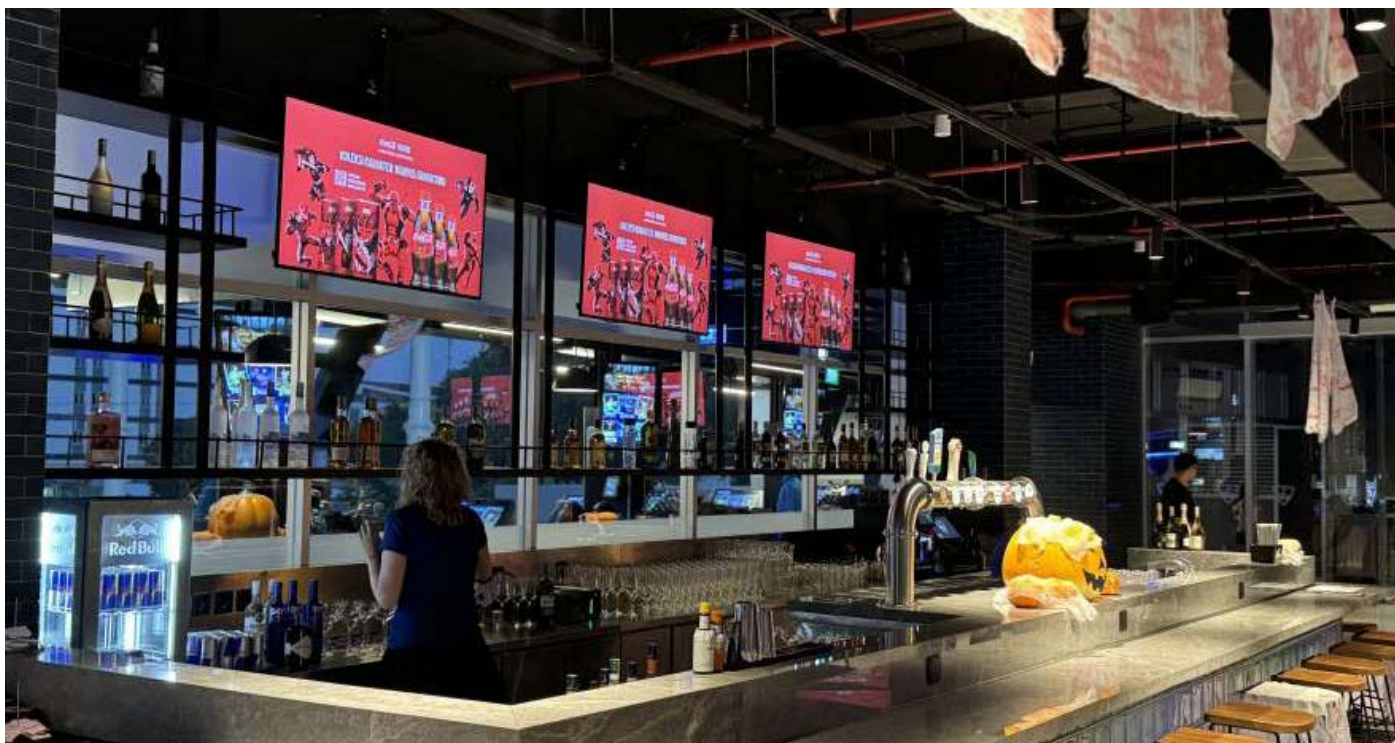
Topgolf Jakarta is helping to grow the game among younger and non-traditional players, while amplifiers from LEA Professional are elevating the entertainment experience for everyone.

Topgolf Jakarta's 9-acre complex includes 102 hitting bays spread across three levels, three restaurants, four bars, several entertainment zones, and dedicated spaces for corporate and VIP events. Jakarta-based AV systems integrator PT Albeta Sukses Mandiri was contracted to install the AV systems based on their extensive regional experience.

Gendri's team mounted four column loudspeakers in the sports bar, and a daisy-chained network of surface-mount loudspeakers was ceiling-mounted along the corridor connecting the outdoor bays to minimize audio spillover between the individual bays. Pendant loudspeakers cover zones such as the specialty bar and the outdoor dining area, while landscape loudspeakers and subwoofers reinforce the outdoor range. Ceiling loudspeakers provide background music in more peripheral zones.

PT Albeta Sukses Mandiri installed multiple Connect Series 352 and Connect Series 704

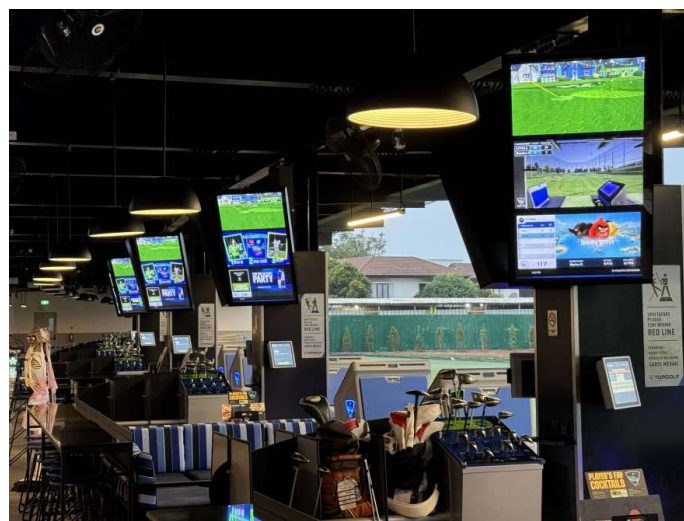


*Topgolf.*

amplifiers to power the immersive audio experience in the venue. The CS352 is a 2-channel amplifier with 350 watts per channel, while the CS704 is a 4-channel amplifier that outputs 700 watts per channel. All Connect Series amplifiers are professional-grade IoT-enabled smart amplifiers for any sized installation, support Hi-Z (70V or 100V) and Lo-Z selectable by channel, and feature Smart Power Bridge technology. The CS352s power the loudspeakers in the sports bar and the dividable social room, while the CS704s power the remaining loudspeakers.

Final Thoughts

The status quo is a moving target in pro AV, and nowhere is that more true than the advancement of cloud-based offerings. Cloud infrastructure will continue to drive innovation, agility and competitiveness in today's pro AV landscape. Remote monitoring systems like the LEA Cloud offer efficiency, cost savings, improved system performance, reduced downtime and enhanced user support.



It's particularly beneficial in large-scale AV deployments or when managing geographically dispersed AV setups that are common in Asia. From simple EQ adjustments or volume level changes to applying software or firmware updates in the off hours for access to new features and capabilities, remote management can be a boon to end users and integrators alike.

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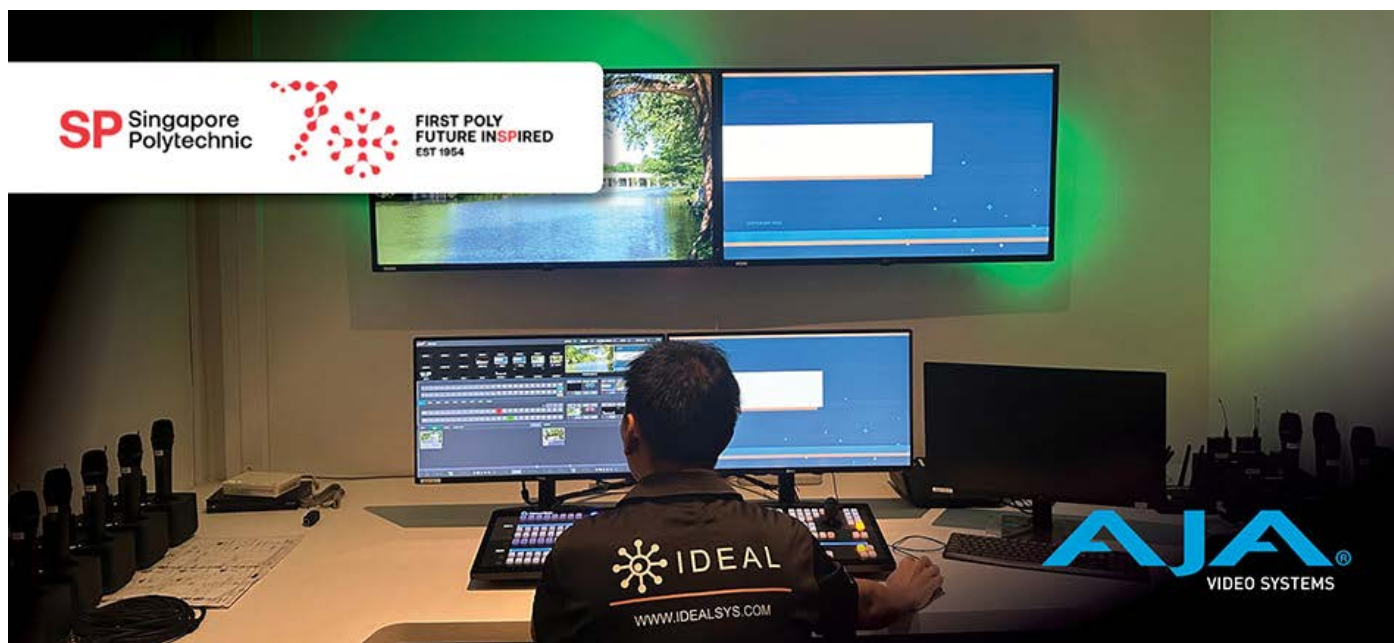
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Singapore Polytechnic Readies Aspiring AV Professionals for Live IP Productions with AJA



SINGAPORE: As the audiovisual (AV) industry rapidly evolves, educational institutions are preparing the next generation of AV professionals for the future. Singapore Polytechnic (SP), a leading Institute of Higher Learning (IHL) in Southeast Asia, embraces the latest AV technologies to enhance its curricula and ready students for the professional world post-graduation. Collaborating with broadcast and AV systems integrator IDEAL Systems, the school built a new state-of-the-art, NDI-based video production studio and remote production pipeline to support events and hands-on student training. An AJA BRIDGE LIVE IP video bridge supports seamless integration of existing baseband and new Internet Protocol (IP) technologies, so students receive exposure to both.

Establishing a studio design that bridges theory and practice

The vision for the new studio was inspired by SP's Diploma in Integrated Events and Project Management (DEPM) program syllabus. Offered as part of a module that focuses on live and hybrid events, the program aims to train students via real-world projects, providing them with opportunities to create, plan, and execute live events. SP enlisted IDEAL Systems to architect the studio with this in mind. The design aimed to ensure student access to a broad range of equipment that live event production professionals use in the field today. At the same time, it needed to support school-related production demands for symposiums, launches, and other public events.

Having supported many successful past NDI deployments for remote production environments, IDEAL Systems quickly determined that a hybrid NDI/baseband SDI

pipeline was the right path forward. “NDI is user-friendly and significantly more cost-effective to deploy and maintain than other IP alternatives, with all the traditional IP advantages like low latency, system flexibility, and simple cabling requirements,” explained Jack Jiang, AV Sales Manager at IDEAL Systems Singapore. “It also ensures discoverability and simplifies cloud workflows, plus the rapidly growing ecosystem of NDI equipment makes it a clear winner.”

Ensuring a flexible remote production workflow

Carrying this vision, IDEAL Systems built a studio and pipeline with portable rack units equipped with professional HD/UltraHD camcorders and NDI PTZ cameras for NDI low-latency streaming and remote control. The units include mixers with Dante audio networking, wireless microphone systems to capture audio in dynamic environments without interference, and NDI-enabled network switches for fast, reliable data transfer to multiple video sources. SRT (secure reliable transport) 4G/5G wireless routers for secure data transmission are also integrated.

Each rack is configured to transmit live SRT audio and video signals from remote locations via the public internet to a control room on the SP campus. “We designed all six racks for optimal flexibility, with portability and extendibility also top considerations,” explained Jiang. “This way, the SP team could operate remotely with minimal infrastructure requirements, with SRT providing secure, low-latency video and audio transport over the internet.”

From the remote site, SRT protocols are configured in “caller” mode to initiate connections through the internet, sending live signals to the control room, where an AJA BRIDGE LIVE connected to an internet

router serves as the receiver in “listener” mode. BRIDGE LIVE then converts the SRT streams into NDI signals for input to Singapore Polytechnic’s video production system, which processes the feeds for live production and streaming. The video production system supports everything from switching to broadcast graphics, virtual sets, special effects, audio mixing, recording, social media publishing, and web streaming.

“We see NDI as a growing technology locally and globally, both in Broadcast and ProAV, thus making it a very useful skillset for Singapore Polytechnic students to have in the future. The fact that our client can use BRIDGE LIVE to convert SRT to NDI signals from multiple mobile racks simultaneously and transmit them to the control room is game-changing, and it gives them the flexibility to connect multiple mobile racks to a master control room for smoother, more efficient workflows, with steadfast reliability,” explained Jiang. “BRIDGE LIVE’s intuitive web interface makes the device easy to manage, and it can handle multiple streams simultaneously, which ensures a high-quality output with minimal latency high-quality output.”

Preparing students for the future

With AJA BRIDGE LIVE streamlining pure IP transcodes for the new studio and its bi-directional capabilities enabling simultaneous encoding/decoding, SP has simplified its remote production infrastructure while reducing costs. More importantly, Jiang concluded, “BRIDGE LIVE is giving Singapore Polytechnic lecturers a powerful instructional tool to ensure students receive a well-rounded background in traditional baseband SDI and IP technologies so that they can easily handle both when they enter the field.”

AJA BRIDGE LIVE

PSNI Global Alliance Introduces Exclusive Quality Assurance Certification to Elevate Industry Standards



GLOBAL: PSNI Global Alliance, the world's largest network of premier technology integrators and service providers, is reinforcing its commitment to excellence in AV service and support with the launch of a new **Quality Assurance Certification (QAC)**. This exclusive program is designed to empower its network of Certified Solution Providers (CSPs) with advanced quality assurance knowledge, ensuring standardized excellence across global AV projects.

Developed in collaboration with a committee of quality leaders from PSNI's CSP companies worldwide and based on the AQAV (Association for Quality in Audio-Visual Technology) AV9000 standard, the QAC merges industry-leading quality principles with real-world business applications. By leveraging core concepts from the AV9000 quality documentation process, the certification fosters a culture of continual improvement and technological precision.

Tailored for professionals in **technical field operations, system design, service management, and installation**, the QAC course delivers a **two-day interactive workshop format**, concluding with a Q&A assessment.

Participants will gain practical insights into:

- **Continual Improvement** – Embedding a mindset of ongoing enhancement for sustained success.
- **Best Practices Implementation** – Applying industry-leading standards in AV/UCC system design, fabrication, installation, and commissioning.
- **Customer Satisfaction Optimization** – Ensuring solutions consistently meet and exceed customer expectations.
- **Compliance Mastery** – Understanding essential quality checklists, calculations, and measurements.

The inaugural QAC course took place March 31 – April 1 in Atlanta, ahead of **PSNI's annual Supersummit**. Attendees gained hands-on experience with the latest quality technology assurance methodologies, strengthening their ability to deliver seamless AV integration worldwide.

Chris Miller, Executive Director of PSNI, emphasized the certification's benefits to its CSP's customers: "At PSNI, we are relentless in our pursuit of making our integrators the strongest in the industry—to the direct benefit of their customers. This new certification is yet another way we are ensuring that every CSP in our network operates at the highest level, delivering unparalleled service and expertise.

Through this initiative—guided by renowned expert Jim Maltese—we are standardizing quality efforts across the globe for our enterprise clients. A customer of one CSP is a customer of all, and with this certification, our CSPs gain an edge that no one else has: a globally unified approach to excellence in AV service and support. Whether in Las Vegas, London, São Paulo, or Singapore, our clients can expect the same elite level of professionalism, knowledge, and execution."

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VIOSO Welcomes Mark Wadsworth as CMO



(L-R) Benjamin Fritsch and Mark Wadsworth.

GLOBAL: VIOSO has appointed Mark Wadsworth as its Chief Marketing Officer. The appointment is the latest in an extensive recruitment programme, centred on growing the brand and focusing efforts on VIOSO's three core pillars of Software, Servers and Services for system integrators.

In the newly created role, Wadsworth will be tasked with further developing the visibility and growth of the VIOSO brand and its strategic direction across global vertical markets.

Reporting to Benjamin Fritsch, VIOSO co-founder and CEO, Wadsworth will play a key role in identifying market opportunities for VIOSO's extensive product line-up and launching some exciting new technology that is in development. He brings 13 years of AV experience to his new role, having previously worked for a leading display manufacturer as VP of global marketing.

"I have worked with VIOSO on projects and tradeshow for many years and am excited to join such an innovative company," commented Wadsworth. "I've long known VIOSO for its world-leading multi-projection autocalibration solutions, and I am excited that our new EXAPLAY playback software brings everything together – warp and blend, calibration and playback all under one roof."

"I was particularly drawn to VIOSO because of its ability to push the boundaries of development, delivering cutting-edge hardware and software solutions that are always at the forefront of the industry. Add to this the incredible technical team that sits at the heart of the company, and joining VIOSO at this stage of their growth plan was too good an opportunity to miss."

VIOSO CEO Benjamin Fritsch added: "We are thrilled to welcome Mark to our team, and his arrival comes at a critical time when we are focused on growing the company across the globe. We pride ourselves on culture of collaboration, innovation and excellence, and Mark shares these values wholeheartedly. We are truly excited to have him on board."

Raul Vandenberg, Executive Director at VIOSO, concluded, "We are delighted to welcome Mark to our team. His broad experience and knowledge of the market will be instrumental in expanding our network and identifying new opportunities in emerging markets."

VIOSO

Atlona Joins SDVoE Alliance as Adopting Member, Launches New SDVoE-Powered Product



GLOBAL: The SDVoE Alliance, a nonprofit consortium of technology providers collaborating to standardize the adoption of Ethernet to transport AV signals in professional AV environments, has welcomed Atlona, manufacturer of AV distribution, AV over IP, collaboration and control solutions for educational and commercial environments, as an SDVoE Alliance adopting member.

In conjunction with its membership, Atlona has unveiled the PRO5 Series, an innovative matrix-switching solution featuring SDVoE technology for long-distance, point-to-point extension. The PRO5 Series is anchored by the AT-PRO5-MX810, an 8x10 matrix switcher with HDMI inputs and SDVoE extension outputs for transmission of 4K HDR video and audio to companion PRO5 Series receivers. Each SDVoE output features copper or fibre optic connectivity for extending 4K/UHD @ 60 Hz with 4:4:4 chroma sampling and HDR formats.

This new solution offers a high-performance extension of AV, Gigabit Ethernet, and control signals through standard 10GbE connectivity with CAT6a UTP or fibre optic cable. The PRO5 Series harnesses advanced video processing capabilities, including video wall processing, 4K video upscaling and downscaling, and frame rate conversion. These and many additional features provide customers with enhanced visual fidelity and options to tailor to their unique system integration needs.

"Joining the SDVoE Alliance aligns with our mission to leverage advanced AV technologies that bring innovation, performance, and value to our customers in achieving their system integration objectives," said Paul Krizan, Product Line Manager for Atlona. "The PRO5 Series represents a remarkable new achievement in the evolution of the traditional matrix switcher, especially as it pertains to SDVoE technology for long-distance, dependable, point-to-point AV transmission, as well as native video processing features."

"We are thrilled to welcome Atlona to the SDVoE Alliance," said Stephane Tremblay, President of the SDVoE Alliance. "Atlona's reputation for delivering high-quality AV solutions aligns perfectly with our mission to revolutionize AV distribution through Ethernet. Their new SDVoE product is a strong addition to the technology ecosystem we continue to build through the SDVoE Alliance."

The SDVoE Alliance offers a comprehensive hardware and software platform designed for AV extension and distribution, KVM, video walls, and multiview image processing. Its unified system architecture simplifies deployments while enhancing flexibility, reliability, and cost-efficiency. Atlona's adoption of SDVoE technology underscores its commitment to providing cutting-edge AV solutions that meet the evolving demands of educational, commercial, and enterprise environments.

Atlona

Lightware Expands Global Presence with the Opening of Hong Kong Experience Centre



From left to right: Siegfried Hermann - President of Global Sales, Kate Tang - Sales Manager Hong Kong, Macau, Sam Ng - Regional Director for Greater China, John Lam - Technical Engineer, and Loránd Gál - COO of Lightware

GLOBAL: Lightware has announced the grand opening of its new Experience Centre in Hong Kong. This new state-of-the-art facility reinforces Lightware's commitment to supporting AV professionals in the Greater China region by providing an interactive environment to explore, test, and collaborate on cutting-edge AV solutions.

The Hong Kong Experience Centre is designed to serve as a hub for partners, customers, and consultants, offering hands-on demonstrations, real-world application setups, and advanced training opportunities. During the grand opening, Sam Ng, Regional Director for the Greater China Office, emphasised the centre's significance in driving industry collaboration:

"With dedicated facilities and expert support, the showroom helps organisations maximise their use of Lightware's technologies while fostering collaboration and knowledge exchange on industry innovations. We look forward to welcoming visitors to the centre."

A hub for innovation and collaboration

The Hong Kong Experience Centre represents a significant step in Lightware's global expansion, providing a dedicated space where industry professionals can engage with the latest AV solutions in a real-world setting. The facility aims to drive innovation and strengthen industry connections across the region by offering hands-on demonstrations



and encouraging knowledge exchange. Highlighting the significance of the new centre, Siegfried Hermann, President of Global Sales at Lightware, said: "Lightware's showroom is a space for partners, clients, and consultants to experience, test, and exchange insights on the latest AV solutions. Opening this new location is a strategic step in expanding Lightware's global footprint and growth in Greater China, reinforcing our commitment to collaboration, technical excellence, and regional support."

The Experience Centre showcases a variety of cutting-edge solutions tailored for multiple industries, including corporate and education. A dedicated boardroom setup demonstrates a seamless one-cable solution and room automation powered by Lightware Advanced Room Automation (LARA). Featured products include the UCX-4x3-TPX-TX20 and UCX-TPX-3x3-RX20.

Visitors can also explore Taurus UCX solutions, including UCX-4x3-HCM40 with Microsoft Teams Rooms (MTR) integration, and Gemini GVN and Taurus TPN technologies. Key products on display include the GVN-HDMI-TX210AP, GVN-MMU-X100, and HDMI-TPN-RX107AU2K-SR. High-performance AV-over-IP solutions, such as the UBEX-Pro20-

HDMI-F130 RED, alongside traditional matrix and signal extension technologies like the MMX2-4x1-H20 and HDMI-OPTJ series, further enhances the experience.

Training and industry engagement

Beyond product demonstrations, the Hong Kong Experience Centre plays a vital role in industry education and training. Designed for system integrators, consultants, and end users, its in-person training sessions provide a hands-on learning experience. Additionally, the centre will also serve as a platform for hosting Solution Days, where Lightware collaborates with key industry partners and manufacturers to showcase cutting-edge integration solutions, ensuring that professionals stay ahead in the ever-evolving AV landscape.

The opening event welcomed industry leaders, technology partners, and key stakeholders, with notable support from PAV Technology Limited, Variety Solution Limited, Poly, Logitech, Netgear, Vision Technology Limited, Ezpro, and Tico. The event was further honoured by the presence of Zoltan Páldi, Trade Commissioner from the Consulate General of Hungary in Hong Kong, all of which highlights Lightware's growing influence in the region.

The new Hong Kong Experience Centre is a testament to Lightware's long-term investment in the Greater China market. By providing hands-on experience, expert-led training, and collaborative opportunities, Lightware continues to empower AV professionals with the tools and knowledge needed to drive the industry forward.

Powersoft Shakes Up VR Space Travel

GLOBAL: Powersoft's compact transducer, Mover, and its Quattrocanali and Duecanali amplifiers play a stellar role in THE MOON CRUISE, an innovative VR installation in Japan that takes visitors on an immersive journey to the moon.

THE MOON CRUISE opened its doors to the public on November 22nd in Tokyo. It offers visitors an unforgettable, immersive VR journey to the moon, a view of Earth from space, and the opportunity to walk on the lunar surface and take photos that they can download as souvenirs.

"THE MOON CRUISE" is a free-roaming VR experience permanently installed in a new space experience facility themed around 'space travel' called 'Space Travelium TeNQ'. The space entertainment facility has permanent and special exhibits, as well as workshops to provide visitors with a single world-view learning experience," said Tsuyoshi Nomura, Executive Officer at STYLY Inc., in charge of designing the experience.

STYLY Inc. was tasked with an ambitious brief to create a VR experience that simulates the universe, all within the existing architecture. "The area we oversaw is a permanently installed, free-roaming (walking around) VR experience. There are many event-style virtual reality environments, but nothing like this has been permanently installed on such a large scale," said Nomura.

Integrated by Audio Visual Communications Ltd., the installation simulates a rocket launch and a lunar exploration. "It transforms limited physical space into boundless virtual environments," said Ken Yamada,

Deputy General Manager at Audio Visual Communications Ltd. "The rocket launch scene, powered by Powersoft Mover transducers and the Quattrocanali and Duecanali amplifiers, combines sound vibration and VR visuals for an unforgettable sensory experience."



Duecanali.

"Our goal was to provide a realistic experience and surprise visitors," noted Yamada. However, creating a convincing rocket launch experience in a confined and low-maintenance environment originally posed some challenges. According to Nomura, traditional large-scale motion platforms were impractical due to their size, maintenance requirements and safety concerns. "It was necessary to take a different approach, and we achieved both goals by designing new, easy-to-maintain fixtures and combining them with Mover."

Powersoft's compact **Mover** is a patented low-frequency direct-drive/tactile transducer adaptable for various purposes. It lets audiences feel the sound through haptic perception by vibrating the surrounding environment, which the human body picks up



Mover.



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Website

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and, through bone conduction, stimulates the inner ear, translating the vibrations into perceivable frequencies. Yamada explained that the "Mover's compact design, flexibility, ease of installation, and impressive power" made it the ideal solution for this installation.

To provide a synchronised sensory experience for the rocket launch, five Mover ID transducers are installed into bench seats, delivering powerful vibrations replicating the low frequency from the BEC IC-120 speakers to create a cohesive audio-tactile effect. MoverIDs are powered by Quattrocanali 1204 DSP and Duecanali 804 DSP amplifiers, provided by Audiobrain, Powersoft's Japanese distributor. This setup ensures a realistic rocket launch experience by combining audio and tactile feedback with virtual reality content to create an immersive journey to the moon.

For the content design, Nomura emphasised the importance of the journey visitors take on foot to their destination. "The narrative centres around travelling to the moon, focusing particularly on the path to the lunar surface. By emphasising the impact and experience at the departure point, it makes the visual-only walking on the lunar surface afterwards feel more realistic. Since the entire facility provides a learning experience, the content encourages the visitors to reflect and act independently, rather than only focusing on the story," he explained. He added that this approach provides an experience that truly feels like visitors are exploring space and taking action.



Quattrocanali.

The collaboration between STYLY Inc. and Audio Visual Communications Ltd. was integral to the project's success. According to Yamada, initial tests showed that Mover provided stronger vibration from bone-conduction effects than competitor products. Additionally, the ability to apply sub-harmonics with the **Quattrocanali** and Duecanali amplifiers was appealing, allowing for the reproduction of the ultra-low frequencies, necessary for rocket reproduction, without the need for additional equipment."

"Vibration and sound are not separable," added Nomura. "During an actual rocket launch, unimaginable vibrations and energy from the loud noise would impact the body. Mover, which vibrates with the sound source and transmits vibrations in sync with the powerful sounds that are linked with the visuals, makes it possible to create an experience that feels as if you are actually launching into space."

Nomura concluded: "With Mover we were able to provide the best experience possible and combined with the content design, we achieved our client's initial request." From liftoff to moon landing, THE MOON CRUISE offers a gravity-defying experience and brings the thrill of space travel within arm's reach of the visitors.

Powersoft

Biamp Expands Microsoft Teams Certified Portfolio into Large Meeting Spaces



GLOBAL: The Biamp Vidi 280 camera has officially received Microsoft Teams certification. The Vidi 280 camera has been certified as a Microsoft Teams Room for Windows USB Peripheral and meets all criteria for the Microsoft Teams Room Certification Program across the following room types:

- Small Meeting Room
- Medium Meeting Room
- Large Meeting Room

This certification represents a significant milestone in Biamp's collaboration solutions portfolio, strategically expanding their video offerings into the large meeting room category. The Vidi 280 perfectly complements the company's existing Teams Certified Large Room Bundles featuring TesiraFORTÉ X and Devio SCX – delivering comprehensive, end-to-end solutions for sophisticated large-space collaboration environments.

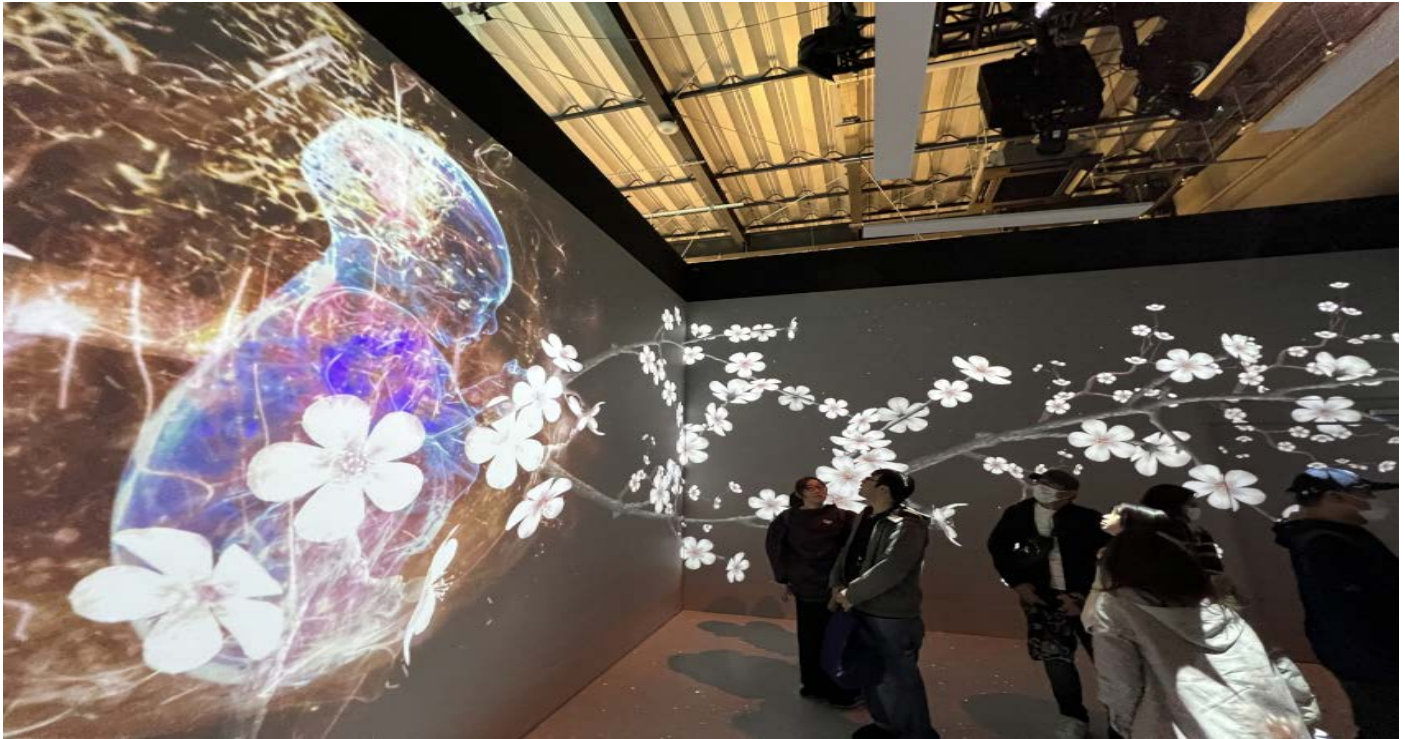
The Vidi 280's Microsoft Teams certification lets you:

- Confidently deploy Teams-certified video solutions across all room sizes
- Leverage the complete Biamp ecosystem of certified audio and video products
- Offer clients seamless integration with Microsoft Teams environments
- Provide unrivalled form factor solutions for large meeting spaces

Biamp remains committed to developing innovative solutions that enhance collaboration experiences across all environments, and they are proud to continue their partnership with Microsoft to deliver certified products that meet the highest standards of performance and compatibility.

Biamp/Vidi 280 camera

Barco Showcases Cutting-Edge Visualization Solutions at World Expo 2025



JAPAN: Barco makes its presence at the **World Expo 2025** in Osaka, Japan. Under the theme "Designing Future Society for Our Lives", Barco is playing a pivotal role in enhancing the visitor experience across multiple pavilions, showcasing its state-of-the-art visualisation technology.

The World Expo 2025 is being held on Yumeshima, an island in Osaka Bay from 13 April to 13 October 2025. The event is expected to attract over 28 million visitors, including 3.5 million from overseas. The expo features diverse zones, including water-themed relaxing areas and spacious outdoor event plazas, providing an unforgettable experience for all attendees.

As unveiled in September 2024, Barco was selected to be part of the consortium of creative and technological leaders to support

the Belgian pavilion's Human Regeneration narrative. The Expo's theme, "Designing Future Society for Our Lives", focused on tackling major global issues through innovations in healthcare, sustainability, and technology. As a trusted name in both medical imaging and immersive experiences, Barco is uniquely positioned to co-create a top-notch visual experience for the Belgian pavilion, focusing on the sub-theme 'Saving Lives'.





Equipped with twenty-four I600 and three UDX projectors, the Belgian pavilion's visitor journey captivated audiences through a blend of cutting-edge technology and artistic direction. Additionally, Barco enhanced meeting room facilities in the Belgian Pavilion by providing two ClickShare units, ensuring seamless and efficient collaboration for all

attendees. During the Health and Well-being theme week, the Healthcare team provided a unique demonstration of its latest innovation in autostereoscopic 3d display technology for medical use cases.

"We are proud to have Barco as a key partner, bringing their expertise and advanced technology to enhance the visitor experience and showcase Belgium's leadership in healthcare and entertainment visualisation," stated Pieter De Crem, Commissioner-General of BelExpo.

Barco's projection division was further represented through its collaboration with several international pavilions. The Algeria pavilion featured four G50 units, the Taiwan Trade Centre utilised eleven F80s and four UDM projectors, the Tunisia pavilion incorporated twenty-four G62 projectors, and the India Industry Group had three UDM devices installed in its space. To conclude, the Barco G62 projectors were used at one of the event's pop-up stages. In addition to providing cutting-edge projection technology, Barco had a dedicated technical team on-site to support the pavilions with a unique servicing offering, ensuring immediate response and the fastest resolution to any technical issues.

Barco's involvement in the World Expo 2025 underscores its commitment to innovation and excellence in visualisation technology and contributing to the global dialogue on designing future societies. An Steegen, Barco CEO concluded: "It's a privilege for Barco to play a pivotal role in the World Expo 2025. We take immense pride in representing Belgium on this global stage and are excited to make a significant impact at this prestigious event."

Barco

NETGEAR Reimagines Academy Platform



GLOBAL: NETGEAR, Inc. has launched its wholly reimagined NETGEAR Academy. The comprehensive educational platform is designed to democratize technical education across the networking and audiovisual industries. The new platform offers expanded courses and improved accessibility, free courses for everyone from networking novices to seasoned professionals.

"The new NETGEAR Academy represents our commitment to removing barriers to technical education," said Gus Marcondes, Global Training Manager at NETGEAR. "By making new certification tracks available for free, we're empowering individuals across the AV and IT industries with the knowledge they need to succeed today."

Key Features of the New Platform

The redesigned NETGEAR Academy delivers practical, industry-relevant training that can be immediately applied in real-world scenarios, featuring:

- **Expanded Curriculum** covering Networking Fundamentals, Pro WiFi, AV over IP, and more.

- **AVIXA Accreditation** allows professionals to earn recognized RUs (Renewal Units) toward CTS (Certified Technology Specialist) and ANP (AV Networking Professional) certifications.

- **On-Demand Learning** with access to course content anytime, anywhere.

- **Monthly Content Updates** reflecting the latest technological developments.

- **Expert-led instruction** from NETGEAR's IT and AV specialists.

Certification Programs

The academy offers several professional certification tracks, including:

- **NETGEAR AV Level One Certification** - Providing essential networking competency for AV professionals with a focus on terminology, network functions, and efficient signal transmission over Ethernet networks.

- **NETGEAR AV Level Two Certification** - Advancing networking expertise for medium-scale networks up to 96 ports, with an emphasis on centralized management using NETGEAR Engage.

• NETGEAR Broadcast SMPTE 2110 Training

Offering comprehensive instruction on the SMPTE 2110 standard for professional media transport.

These certification programs cover essential topics, including IGMP Plus, multicasting, network topologies, and advanced configurations specific to NETGEAR products, knowledge that translates directly to improved deployment and management capabilities in the field.

Transition Information

As NETGEAR focuses resources on this new educational platform, the previous academy will be phased out by the beginning of May. Current users are encouraged to complete any in-progress certifications before the transition deadline and transfer their learning accomplishments to the new platform.

For more information about NETGEAR Academy or to register for courses, click [here](#) or contact academy@netgear.com

Universal Procurement Systems Vietnam Welcomes Pham Anh Khoa as Xilica Portfolio Manager

VIENTNAM: Universal Procurement Systems Vietnam has announced the appointment of Pham Anh Khoa (Khoa) to lead the Xilica portfolio of products. Based in Ho Chi Minh City, Khoa brings five years of professional experience in sales and technical expertise to this newly established role.

Khoa holds a Bachelor's degree in Business and a Diploma in Multimedia, along with Dante Level 1 & 2 certification from Audinate. His skillset encompasses exceptional sales and negotiation abilities, problem-solving expertise, and the ability to analyse market dynamics to drive meaningful business results. His personal interests include playing tennis and badminton.

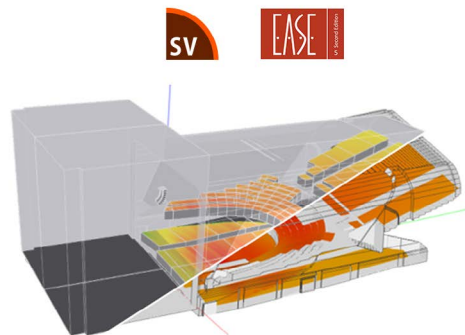
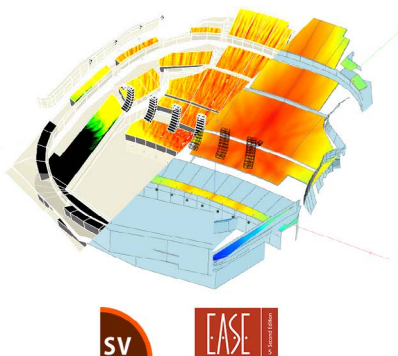


Since launching the Professional division in 2017, Universal Procurement Systems Vietnam has experienced significant growth, expanding from a two-person team to five members, with additional positions planned in the coming months. The Vietnam team plays a vital role in the company's expanding regional operations and values collaboration with industry experts, including consultants, system designers, integrators, sound engineers, and musicians.

With a deep commitment to excellence and a passion for innovation, Khoa's appointment reinforces UPS Vietnam's mission to expand its footprint in the professional AV sector and provide tailored, high-performance solutions to clients across the region.

Universal Procurement Systems Vietnam

L-Acoustics Enhances Soundvision Workflow with AFMG on EASE 5 Integration



GLOBAL: UL-Acoustics announced a strategic collaboration with **AFMG**, developers of **EASE 5 (Enhanced Acoustic Simulator for Engineers)**. The partnership creates a seamless workflow between L-Acoustics Soundvision, an industry-leading 3D acoustic modelling software that allows sound designers to predict and optimize audio performance with exceptional accuracy, and AFMG's EASE, the brand-agnostic industry standard for acoustic simulation.

The new integration allows sound designers and acoustic consultants to transfer their L-Acoustics system designs created in Soundvision directly into EASE 5, effortlessly providing unprecedented workflow efficiency while maintaining acoustic accuracy across both platforms.

"Designing with L-Acoustics products in EASE 5 has never been this easy," said Ryan John, Director of Product Management, Software at L-Acoustics. "This collaboration with AFMG represents our ongoing commitment to providing audio professionals with tools that enhance their workflow efficiency without compromising on acoustic precision."

Key Features

The latest Soundvision release, available now, includes an EASE 5 export feature

that delivers numerous benefits to audio professionals. Sound designers can now transition from Soundvision to EASE 5 with a seamless workflow, eliminating tedious manual recreations and ensuring perfect consistency between both platforms. The new functionality fully supports all L-Acoustics line sources, colinear sources, and coaxial loudspeakers, including the L Series, giving designers comprehensive coverage of main speaker systems while maintaining accurate acoustic modelling capabilities.

One of the most significant advantages of the new export capability is consistency between platforms. Extensive analysis confirms that acoustic results in Soundvision and EASE 5 remain within a remarkable 0.5 dB tolerance of each other, so predictions remain reliable on both platforms. Particular attention is paid to safety. Designers can ensure the mechanical safety of all the sources in their system design directly in Soundvision before exporting to EASE, maintaining critical safety parameters throughout the process.

The collaborative solution enables the complete export of the physical deployment of all sources within the system design, preserving exact positioning, aiming, and array configurations. Additionally, the new workflow automatically exports the L-Acoustics advanced Autofilter

algorithm, ensuring that the sophisticated processing that defines the L-Acoustics signature sound quality is accurately represented in EASE 5 simulations without the need for manual GLL optimization.

The new export feature addresses a longstanding industry need for smoother interoperability between specialized design tools, allowing professionals to leverage the strengths of both platforms without duplicating work.

"The multi-faceted integration with L-Acoustics Soundvision brings exceptional value to EASE 5

users and furthers our commitment to integrate with leading manufacturer software," said Stefan Feistel, Managing Director of AFMG. "The ability to seamlessly import L-Acoustics systems with their precise acoustic properties and advanced filter algorithms maintains design integrity throughout the entire workflow."

The new EASE 5 export feature is available now in Soundvision 3.13.1, which can be downloaded from the [L-Acoustics website](#).

AV User Group Expands with New Chapter



SINGAPORE: The AV User Group is launching a Singapore chapter this year with an inaugural meeting scheduled for Tuesday, 29th July, hosted by Meta.

The group supports AV and UC managers from 'end user' organizations, regardless of vertical market. So, if you're in AV Operations, AV Design Engineering, Production, Project Delivery, Event Management or other AV/UC discipline, this group is aimed at you. It's free to join, membership is open-ended whilst you remain in an end-user role, and there is no obligation.

This first Singapore meeting will have an in-person welcome from their Chairman, Owen Ellis, and they already have presentations scheduled from LG, L-Acoustics, Q-Sys and X20 Media. There will also be an 'AI in AV' special-interest presentation from Meta, the meeting host. They are expecting to be joined by special guests Dave Labuskes and Sarah Joyce from AVIXA.

The group already has successful operations in New York, San Jose, Toronto, London, Scotland, Hong Kong & Sydney. If you work at a global enterprise organisation, you may have colleagues already participating in these other locations.

If you are interested, you can apply for [membership](#) and join via the website, where you'll also find more information, member testimonials, and a list of current sponsors. You can then also register to attend this inaugural Singapore meeting in July.

[AV User Group](#)

Analog Way Strengthens Regional Ties at Asia Distributor and Partner Conference 2025



Analog Way. "With solid distribution, five service centres, and growing trust in our solutions, this conference was about taking things to the next level—together."

During the event, the company announced notable revenue growth in four key Asian markets, reflecting the impact of its expanding regional footprint. A new Service Level Agreement (SLA)

THAILAND: The 2025 Asia Distributor and Partner Conference brought Analog Way's regional community together once again—this time in Phuket, Thailand. Held in mid-March, the event welcomed over 70 key partners from nine countries, highlighting the growing unity and strength of the brand's network across Asia.

The conference focused on service excellence, local empowerment, and continued business growth, bringing partners together to share insights, celebrate achievements, and align on future goals.

"Asia is a strategic region for Analog Way," said Eric Delmas, Analog Way CEO. "Our commitment there goes beyond our local teams—involving the full company, from R&D to global sales. We are fully dedicated to supporting our partners with the tools, services, and responsiveness they need to keep up with the rapid growth demonstrated these past three years."

"Our network has grown stronger each year," said Guy de Souza, Vice President - Asia at

was officially launched in Singapore, Hong Kong, and Korea, offering guaranteed one-to-one product replacement for the LivePremier series—underscoring the company's commitment to mission-critical support. Analog Way also reinforced its service promise with a 24-hour response time for all service requests across the region.

Additionally, the company revealed it has now certified around 300 trainers throughout Asia, with plans to certify an additional 350 within the year. This growing pool of skilled professionals is part of a broader strategy to build local capability and ensure expert-level support in every market.

Building on the success of past conferences in JeJu (2023) and Macau (2024), Phuket 2025 further strengthened the sense of community among partners while reinforcing the company's position as a leader in professional AV and live event solutions across Asia.

Analog Way

AV-OVER-IP AST SERIES

Seamless 4K AV-over-IP transmission for scalable, high-performance distribution.



FEATURES

- 4K HDMI over IP with ultra-low latency
- HDMI loop-out, USB, IR, RS232, audio support
- Simple channel switching via LED display
- Long-distance transmission over CAT6 or fiber
- Supports point-to-point, matrix & video wall setups
- PoE-enabled for cleaner, easier installation



Flexible Integration

Supports point-to-point, point-to-multipoint, matrix switching, and video wall configurations. Ideal for control rooms, signage, and collaborative spaces.

Simple Setup

With IGMP-enabled switches and CATx cabling, deployment is quick and straightforward—perfect for scaling small setups or full matrix systems.

Modular & Scalable

Its modular design and open control options (keyboard hotkeys, API control, third-party systems) ensure flexibility across various applications.

Video Wall Application



"Powering seamless connectivity, built for tomorrow."



Extron Opens New Training & Experience Centre



Interactive Kiosk and Equipment Rack.



AUSTRALIA: Extron has opened its new Sydney Technology Centre in Sydney, Australia. The facility, which is centrally located in North Sydney's Victoria Cross district, is aimed at offering hands-on training, live demonstrations and expert support to AV professionals. With a state-of-the-art training room and an experiential zone that boasts the latest Extron technologies, the space is a practical yet immersive way for integrators, consultants, and end users to learn about the real-life use of the company's cutting-edge AV solutions.

"The opening of the new Sydney Technology Centre is an important milestone in the development of our capacity to meet the needs of our customers in Australia and other parts of the world," said Casey Hall, Chief Marketing Officer at Extron. "We have designed a facility where industry professionals can not only see

the latest products that we have to offer but also have the opportunity to receive the training and support they need to grow their business."

The new Extron facility is within walking distance from the Victoria Cross Metro Station. It is conveniently connected to major business areas, including Barangaroo and Martin Place. For those driving, there is a direct link to the CBD through the Sydney Harbour Tunnel. Surrounded by a large number of restaurants and shops, Extron's new Sydney office is set to become a go-to place for AV experts in search of training and technological solutions.

Extron

LEA Professional Partners with GPA to Expand Global Reach



DELIVERING EXCELLENCE GLOBALLY

GLOBAL: LEA Professional has announced a new partnership with GPA a global network of leading AV and technology service providers. This collaboration underscores LEA's commitment to achieving global reach and enhancing its presence by providing GPA's clients with access to LEA's extensive technology catalogue, which includes industry-first advancements in intelligent IT solutions, best-in-class DSP, and smart power management.

GPA brings together over 4,000 AV professionals from over 50 countries, providing standardized, scalable, and consistent technology solutions for global organizations. Through this partnership, GPA's integrators will have access to LEA Professional's award-winning Network Connect series of amplifiers and the companion Dante Connect series, which feature Dante and AES67 connectivity. These series enable integrators to utilize cloud-based remote control, monitoring, notifications, and more from any internet-enabled device, allowing them to stay connected from anywhere in the world.

"LEA's proven expertise in networked audio systems, their commitment to cloud-based innovation, proven customer service record, and ability to support our Enterprise customers

globally makes them the perfect addition to GPA's partner program," said James Shanks, Managing Director, GPA. "LEA's solutions align perfectly with our vision of providing intelligent, scalable AV experiences to our network."

LEA Professional's smart amplifiers are the most feature-rich amplifiers available in the industry — featuring onboard 96kHz DSP, LEA Cloud connectivity, WebUI, third-party API control, real-time load monitoring, Lo-Z/70V/100V selectable by channel, Smart Power Bridge technology, event and fault monitoring, high-efficiency power design, over 3,000 speaker tuning presets, and LEA's advanced amplifier control software, SharkWare.

"Joining GPA's partner program is a strategic advancement in our journey towards expanding our global reach," said Darrell Champagne, Director, Global Business Development, LEA Professional. "Our extensive and continually evolving technology catalogue provides a flexible solution for each unique installation, aligning seamlessly with GPA's mission of delivering global excellence and enhancing customer outcomes through scalable AV solutions."

LEA Professional

SDVoE Alliance Announces Kramer as Contributing Member



GLOBAL: The SDVoE Alliance announced that **Kramer** a global leader in audiovisual experiences and engagement technology, joined the SDVoE Alliance as a contributing member. Kramer's membership follows its acquisition of ZeeVee, one of the founding members of the SDVoE Alliance. This strategic step highlights Kramer's ongoing investment in AV-over-IP and its commitment to shaping the future of networked AV.

As a contributing member, Kramer will collaborate with the SDVoE Alliance and its partners to advance the development of high-performance, interoperable AV solutions built on SDVoE standards. With its headquarters in Tel Aviv, Israel and offices across the globe, Kramer designs, manufactures and distributes innovative network-based devices and networking cables for professional video-over-IP (VoIP) and audio-over-IP (AoIP) applications. Kramer's solutions span everything from AV signal management to advanced cloud-based communication, collaboration and control platforms. Their mission is to create immersive, inclusive and intuitive AV experiences that bring people closer by bridging physical and digital gaps in an increasingly hybrid world.

"Joining the SDVoE Alliance is an important step in Kramer's ongoing mission to create frictionless, next-generation AV solutions," said Dorit Botter, executive vice president of product

and technology for Kramer. "As the AV industry continues its evolution toward standardized Ethernet-based infrastructure, we're excited to collaborate with the Alliance to help define the future of networked AV."

"Kramer's decision to join the SDVoE Alliance is a strong endorsement of our mission and the accelerating momentum of Ethernet-based AV," said Stephane Tremblay, president of the SDVoE Alliance. "Their global footprint and track record of innovation in AV-over-IP make them an outstanding addition to our community. We're excited to welcome Kramer and look forward to the innovation they'll bring as we grow together."

Kramer's membership reflects the growing interest in the SDVoE platform, which is now embraced by member companies worldwide. The SDVoE Alliance provides a comprehensive hardware and software platform for AV extension, switching, video walls, multiview processing and KVM. With a unified system architecture, SDVoE technology simplifies deployment while enabling powerful, flexible, cost-effective AV applications across verticals such as education, enterprise, healthcare, government and live events.

SDVoE

THE PROJECT PLATFORM FOR EVERYONE



CREATE COMPLEX
PROPOSALS IN
HOURS, NOT DAYS

✓ FAST
✓ EASY
✓ POWERFUL



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InfoComm 2025 Looks at How Pro AV is Innovating Learning Spaces



infocomm

Education
June 7 - 13

Exhibits
June 11 - 13

Orange County Convention Center

GLOBAL: InfoComm 2025, June 7-13 (exhibits June 11-13) at the Orange County Convention Center in Orlando, Florida, will showcase how pro-AV technology is transforming **learning spaces** creating more engaging, interactive, and effective learning environments.

Across the trade show floor, attendees will have the opportunity to explore AV solutions for K-12, higher education, and corporate learning environments, including both physical and virtual spaces. A comprehensive education program will feature the HETMA Higher Education Summit, expertise from AV solution providers for learning spaces and technology managers from higher education institutions such as Johns Hopkins University, Ohio State University, and UCLA. In addition, Integrated Experience Tours of the University of Central Florida will showcase the latest technology across the campus.

"The way people teach and learn continues to transform, and innovative technology is a major accelerator of that transformation. It allows us

to learn across far distances, collaborate easier, and make content more engaging," said Jenn Heinold, Senior Vice President, Expositions, Americas, AVIXA, producer of InfoComm. "InfoComm 2025 is the forum for you to experience these pro AV solutions up close and learn directly from technology managers deploying these solutions in environments around the world."

The **HETMA Higher Education Summit** is a two-day workshop on Mon., June 9 and Tues., June 10 that will bring together industry thought leaders and subject matter experts to examine topics such as ethics and accessibility, security and zero trust, and successful capital planning, in a broad program of panels and interactive breakout sessions. Registered HETMA Higher Education Summit attendees will receive a free ticket to the Higher Ed AV Awards taking place Monday night.

Additional programming focused on pro-AV innovation in learning spaces will occur throughout the week at InfoComm.

In the session **"How to Go Big on AV at a Small School"** on Wednesday, June 11, AV professionals from five smaller higher education institutions will discuss the challenge of achieving more with less. They'll offer advice on practical AV/IT solutions that attendees can use at their colleges and universities.

On Thursday, June 12, **"Next-Gen Learning: The AI Frontier in AV/IT Solutions"** will explore the transformative influence of generative AI in education settings. The panel will address the challenges and opportunities that generative AI presents and its application and innovation in AV/IT currently redefining the educational



landscape. The session will feature panellists from UCLA, USC, Crestron, Huddly, Panasonic, and Shure.

In **“Classroom Design Lab: Unlock the Future of AV Design with Hands-On Expertise”** on Wed., June 11, IT and AV specialists from the University of Nevada, Las Vegas and Prairie View A&M University will present an immersive examination of the transformative power of strategic AV design. The session will provide advice on how to develop future-proofed learning spaces utilizing innovative AV design, connectivity, and programming for classrooms, collaborative areas, and flexible learning environments. A hands-on lab session will let attendees gain firsthand experience with the technology.

George Johnson-Gamm and Jason Mathews, IT and AV specialists from Ohio State University, will present **“From Hodgepodge to Future-Focused Through Small (and Affordable) AV Upgrades at Scale”** on Wednesday, June

11. They'll demonstrate how the university's College of Engineering transformed from 11 departmental IT offices to a centralized resource and then faced budgetary issues that halted project work during and after the pandemic. They'll discuss how they're now adapting to the changing needs of faculty and students, and a limited budget, with a BYOD approach.

On the Technology Innovation Stage (Booth W2461), the free session **Trend Forecast: Learning** on Wednesday, June 11, will dive into the latest in learning technologies, examining how gamification, VR/AR, and social learning platforms are reshaping classrooms and making learning interactive and engaging.

Show floor tours led by Ryan Gray from Yavapai College will allow attendees to experience the latest technology trends and products for enhancing learning spaces, such as camera innovation, cloud technology, cybersecurity, live streaming, and audio. Show floor tours take place from 1 p.m. to 3 p.m. on Wed, June 11 and Thurs, June 12.

InfoComm will host two Integrated Experience Tours at the University of Central Florida on Tues, June 10 and Wed, June 11, with members of the university's Instructional Resources team. Tour participants will go behind the scenes at UCF's Charge on Chamber, a 107-seat, hybrid-equipped meeting space with an electronic voting system; visit an in-progress classroom installation of a full Crestron-controlled multimedia system; explore the campus; and participate in an informal Q&A with the AV/IT team.

To learn more about InfoComm 2025 and register, visit www.infocommshow.org.

LIVEY Technologies Expands Presence with Aquila-Data Partnership

Livey Technologies Partners with Aquila-Data to Expand Presence in Indonesia, Singapore & Malaysia!



SEA: In a significant move to strengthen its presence in the Asia-Pacific region, LIVEY Technologies, a US-based innovator in communication solutions, has announced a strategic partnership with Aquila-Data Group, a leading distributor specializing in high-end AV systems, IP network solutions, and enterprise meeting room integrations. This collaboration marks a key milestone in expanding Livey's reach across Indonesia, Singapore, and Malaysia, ensuring enhanced accessibility to its cutting-edge communication products.

Aquila-Data brings decades of expertise in the AV industry, with a strong reputation for delivering top-tier audiovisual solutions and acting as a strategic partner for Zoom-certified meeting room integrations. By leveraging Aquila-Data's well-established distribution network and extensive channel partner ecosystem, Livey's state-of-the-art communication solutions – including AI Noise-Cancelling Wired & Wireless Headsets, Speakerphones, and Webcams—will now be more readily available to businesses and consumers in these key markets.

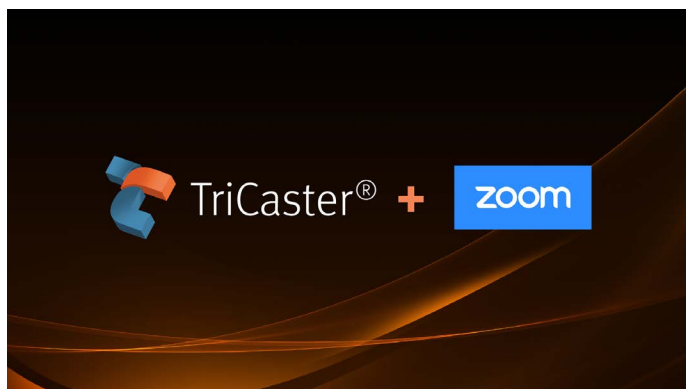
This partnership also accelerates the market entry of Liveyfy, Livey's next-generation AI Noise Suppression Software, designed to revolutionize audio clarity in professional and enterprise communication settings. "We are excited to join forces with Aquila-Data, a company renowned for its excellence in AV distribution and expertise in meeting room solutions. Their deep market insights and extensive network will play a crucial role in bringing Livey's innovative products to a broader audience across Southeast Asia," said Sharad Jaiprakash, Director at Livey Technologies LLC, USA.

"At **Aquila-Data** we continuously strive to expand our AV and enterprise solutions portfolio with best-in-class technologies. Livey's advanced communication products perfectly complement our offerings, and we are confident this partnership will enhance the way businesses communicate in Indonesia, Singapore, and Malaysia," said Handry Bun, Director at Aquila-Data Group.

With this collaboration, Livey Technologies and Aquila-Data are set to redefine professional communication experiences, offering businesses in the region premium-quality, cost-effective solutions tailored to modern collaboration needs.

Livey Technologies

Vizrt Partners with Zoom to Break New Ground in the Evolution of Video Communications



GLOBAL: UVizrt is teaming up with Zoom to give content creators powerful new tools for hybrid live productions.

This collaboration introduces native Zoom integration to the **TriCaster product line** helping content creators produce more engaging and professional-quality broadcasts. Simplifying the process of incorporating remote contributors into live broadcasts improves viewer engagement and production efficiency, enhancing the overall experience for creators and audiences.

With Zoom functionality embedded in TriCaster's remote contribution tools, users can achieve better efficiency, flexibility, and feed quality. This update comes at a necessary time, as many content creators are seeking alternatives ahead of the recently announced end of life of Skype.

A bold vision for the future

"By integrating Zoom natively into our leading TriCaster product line, we are not just solving a challenge—we're unlocking new possibilities

for more creative, inclusive, and interactive productions that enrich the viewer experience," remarked Rohit Nagarajan, CEO, Vizrt.

"Our collaboration with Zoom marks the beginning of an exciting shift in the industry, where at the push of a button, any user can generate tailored, immersive graphics to enhance their content and engage their audience. That's the future we're building."

This partnership paves the way to making professional broadcasting accessible to all through AR/VR, HTML5 graphics, and advanced enterprise-ready presentation tools to elevate storytelling and dramatically increase viewer engagement across all industries.

"The native integration of Zoom into the TriCaster is a huge step forward in modernizing professional broadcasts with Zoom's industry-leading remote contribution workflows. By leveraging Zoom's Meeting SDK, Vizrt has empowered production teams using TriCaster products to bring multiple 1080p remote participants into their broadcasts from anywhere in the world with reliability and adaptability they can trust," states Andy Carluccio, Head of Innovation at Zoom.

"This partnership is about providing solutions that meet today's demands as we also look to bring forth further innovation to inspire users with new possibilities with the joining of our technologies, to craft compelling content that connects and engages their audiences."

Vizrt

A Game-changer in Projection Technology

Meet the Sapphire 4K40-RGBH—the world's first high-brightness hybrid RGB pure laser and laser phosphor projector



Christie has introduced a breakthrough in projection technology with the Sapphire 4K40-RGBH, the world's first high-brightness hybrid projector that combines RGB pure laser and laser phosphor illumination.

With 40,000 ISO lumens, stunning native 4K resolution, and an exclusive Infitec® color comb 3D option, it's engineered for any 2D application, all active and passive 3D formats, and any screen type, including rear projection. But what sets this innovation apart? How does its hybrid system work, and why is it ideal for 3D projection?

"We've taken the best of both worlds—RGB pure laser and laser phosphor—and combined them into a single platform," explains Larry Paul, executive director of technology and custom solutions at Christie, who led the development. "This hybrid system delivers an incredibly broad color spectrum and outstanding performance across various screens."

While RGB pure laser projectors offer unmatched color but can face operational limitations, and laser phosphor projectors excel in efficiency and longevity, the Sapphire 4K40-RGBH strikes the perfect balance—offering high brightness, vivid DCI-P3 color accuracy, and versatility across all types of projection surfaces.

Unlocking New Possibilities in 3D Projection

A standout optional feature of the Sapphire 4K40-RGBH is its seamless integration with Infitec color comb 3D technology, making it ideal for theme parks, visualization, and immersive experiences.

"With Infitec color comb 3D, we can have a left-eye and right-eye projector that automatically configure themselves," says Paul. "We've integrated an Intelligent Filter Holder, allowing users to drop in left-eye and right-eye filters,

instantly transforming a high-brightness 2D projector into a full-fledged 3D system.”

The hybrid system also ensures compatibility with various projection surfaces, from silver screens and rear-projection setups to standard matte white screens. Whether for active or passive 3D, the Sapphire 4K40-RGBH delivers unmatched versatility.

The Power of Colour Comb 3D and Infitec Filters

Christie’s use of Infitec interference filters in the Sapphire 4K40-RGBH marks a major leap in 3D projection. “Infitec has been refining this technology for decades, and we’ve leveraged its advancements to achieve unprecedented color fidelity in 3D,” Paul explains. “With this hybrid system, we can precisely notch out red, green, and blue for each eye, creating a broader color range than ever possible with lamp-based systems.”

Traditional lamp-based projectors often reduce color volume to accommodate 3D filters, sacrificing image quality. The Sapphire 4K40-RGBH eliminates this trade-off, delivering superior onscreen brightness, a wider color gamut, and high contrast for truly immersive visuals.

Expanding Christie’s Product Line-up

Rather than replacing the flagship Griffyn Series of RGB pure laser projectors, the Sapphire 4K40-RGBH fills a crucial gap in Christie’s portfolio.

“This isn’t about replacing our top-tier RGB laser solutions—it’s about expanding our offerings to meet specialized needs,” Paul notes. “For customers designing visualization systems, theme park attractions, or immersive experiences, the Sapphire 4K40-RGBH delivers an unmatched combination of brightness, color, and flexibility.”

As projection technology continues to evolve, hybrid illumination marks an exciting new chapter. The Sapphire 4K40-RGBH redefines high-brightness projection, proving that fusing RGB pure laser and laser phosphor can unlock extraordinary visual experiences across industries.

Christie’s latest innovation reinforces its commitment to pushing the boundaries of display technology. For venues seeking cutting-edge solutions, the Sapphire 4K40-RGBH delivers the best of both worlds—brilliant color, exceptional brightness, and groundbreaking 3D capabilities in a single, powerful package.

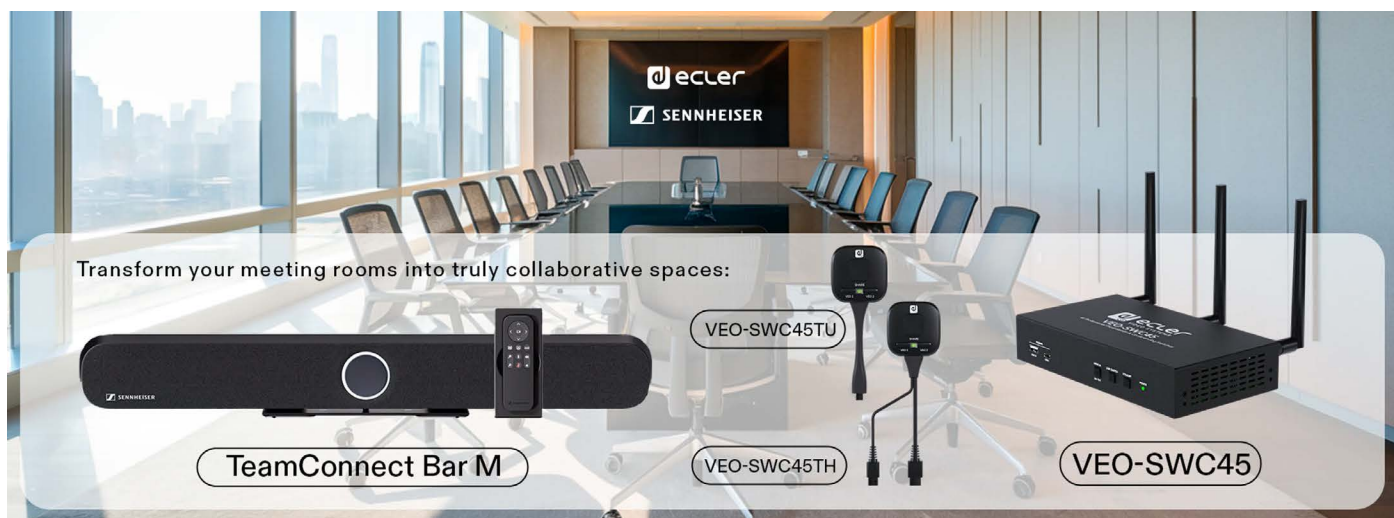
Christie Digital



Sapphire 4K40-RGBH

- Brightness: 40,000 ISO lumens
- Contrast ratio: 2000:1 On/Off | 4500:1 On/Off with high contrast lens
- Resolution: Native 4K (4096 x 2160)
- Illumination type: Solid-state RGB pure laser with dual laser phosphor system
- Display type: Dust-sealed 3DLP (1.38")
- Illumination performance (hrs): RGB laser: 25,000 hours to 50% brightness | Laser phosphor: 20,000 hours to 50% brightness

Ecler and Sennheiser's New Partnership Invites You to a Superior Conferencing Experience



Ecler, an innovator in professional audio and video solutions, has partnered with Sennheiser to deliver an exceptional conferencing experience combining the latest **Ecler VEO-SWC45** presentation switcher with Sennheiser's TeamConnect (TC) Bar Solutions.

The VEO-SWC45 is a versatile 4K presentation switcher designed for modern meeting spaces. It offers easy connectivity and intuitive control, featuring dual HDMI outputs, wireless content sharing, Web GUI for quick or advanced configurations and integrated USB for simple connection to video conferencing systems. Keep in mind that VEO-SWC45 also offers truly unique features like: priority transmitter, video Mute & screensaver, configurable Aux buttons and User Mode.

Sennheiser's TC Bars are intelligent video bar collaboration devices with a 4K camera, crystal-clear audio and advanced speech intelligibility. Available in two models – the TC Bar S and TC Bar M – they accommodate different room

sizes while ensuring clear communication. Their advanced audio processing ensures that everyone in the room is heard, even in challenging acoustic environments. Features like plug-and-play connectivity, integrated beamforming technology, high-quality video, full-range stereo speakers, and brand-agnostic integration make them a perfect choice for an optimal conferencing experience.

By combining Ecler's VEO-SWC45 and Sennheiser TC Bars, organisations gain a streamlined conferencing solution with wireless screen sharing, automatic camera switching, premium audio and high-quality video with AI-powered enhancements. The integration also supports flexible expansion via Dante, versatile mounting options and enhanced control and security features. Together, the VEO-SWC45 and TC Bars create a collaborative conferencing solution that simplifies meetings and enhances communication.

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By



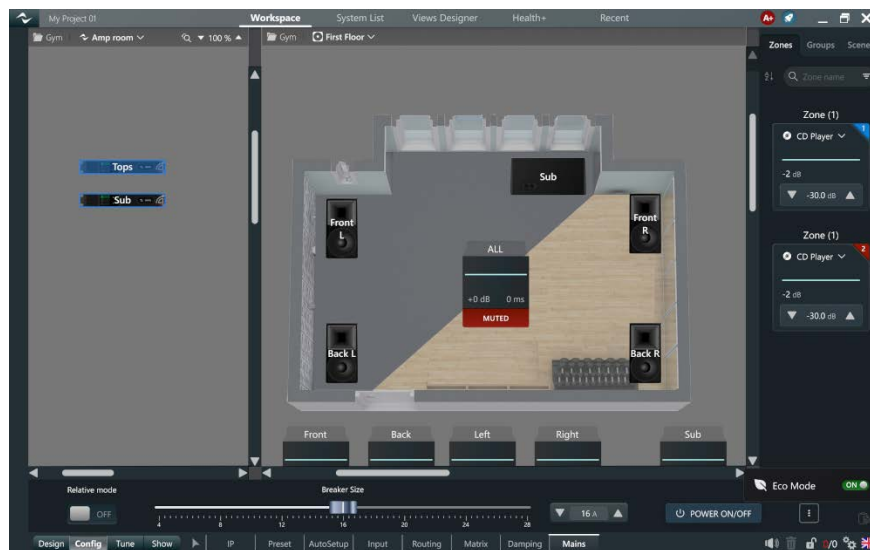
Powersoft ArmoníaPlus 2.8 Adds Unica T Support and Becomes More Intuitive

Powersoft has released ArmoníaPlus 2.8, delivering a major update packed with usability enhancements, making operations more efficient and intuitive. With a focus on simplicity, ArmoníaPlus 2.8 brings significant refinement to system design, tuning and device management as well as enhanced group assignment for faster visualisation; when a speaker is selected, its associated group names are highlighted in blue. This makes navigating between elements and verifying assignments in the system quicker.

What's more, the new right-click "Replace With..." function allows users to swap devices without manual reconfiguration, while the new device inherits all DSP, network, and Dante settings from the replaced unit.

The new update also provides users with configuration and preset enhancements, making it more intuitive. With the update, the applied preset displays directly on speakers and users can edit preset application and manufacturer's EQ categories across multiple speakers simultaneously, even if model is not exactly matching, provided they share the same configuration options.

ArmoníaPlus 2.8 also introduces a new Channel Strip Mode, unifying multiple tuning functions, such as Gain, Mute, EQ, Delay, and Polarity, for



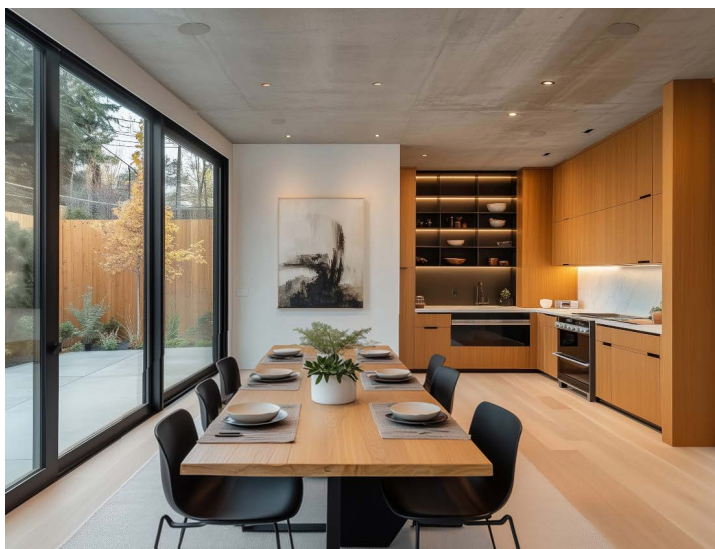
Eco Mode.

faster, more intuitive adjustments. The Mute and Solo pages have been combined into a single Mute/Solo page, with Solo mode offering both Exclusive and Additive options.

Other features included in this update are a display read-only mode for the Unica series to enhance security in unattended systems and bug fixes to increase the stability of the communication protocol in busy network scenarios. Improved device selection and power manager enable users to quickly power devices on/off or manage eco-mode settings without leaving the workspace. As well as workflow simplifications, with the removed "Show" step and relocated impedance monitoring to the now "Tune" step.

ArmoníaPlus 2.8 is available to download [here](#).

Sonance Launches New Visual Experience Thin-Line Models



Sonance has launched its highly anticipated Visual Experience Thin-Line Series, expanding its acclaimed VX speaker lineup with an even slimmer profile designed for challenging installations.

The new Sonance Visual Experience Thin-Line Series represents a breakthrough in architectural audio, delivering the brand's signature room-filling sound from an elegantly slim profile that can fit into spaces as narrow as 2.5" metal framing – making it ideal for concrete construction, multi-dwelling units, and high-rise applications where space is at a premium.

The Thin-Line Series incorporates the same advanced VX technology that has made the standard Visual Experience Series an industry favourite:

- **VX Transducer Technology** delivers higher performance and fidelity
- **VX Waveguides** ensure consistent tonality and improved coverage throughout the space

- **VX Grilles** offer both micro trim and trimless options in Sonance Brilliant White

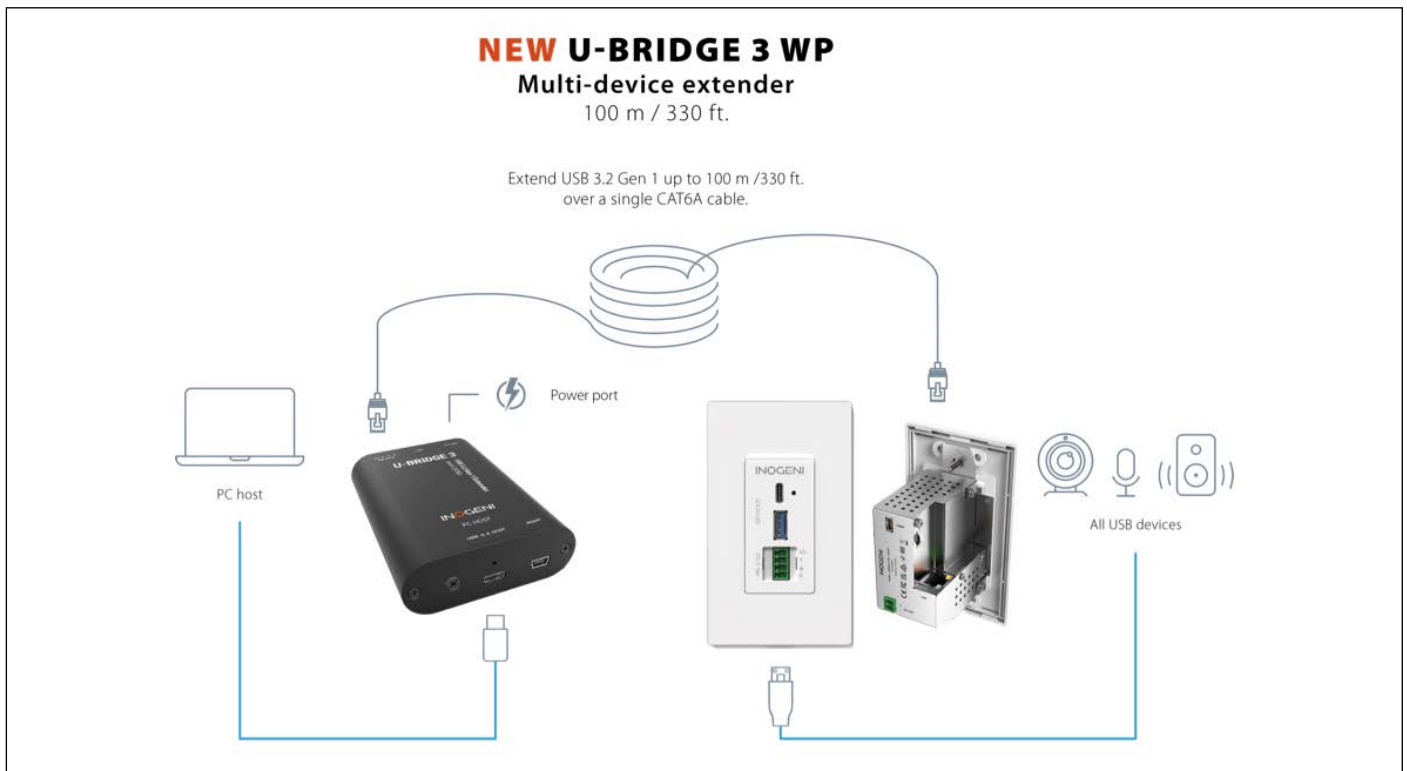
Available in select performance levels in both in-ceiling and in-wall configurations, the Visual Experience Thin-Line Series also features an option for Single Stereo Technology, making it a versatile solution for any architectural audio project.

Despite its ultra-slim design, the Thin-Line Series maintains the traditional one-stage installation process which has made the award-winning Visual Experience Series a favorite among integrators and installers.

The Sonance Visual Experience Thin-Line Series is available starting today through authorized Sonance dealers and distributors.

Sonance/Thin-Line Series

INOGENI Wallplate Device Extender Module, Extends 2× USB3.2 Gen 1 Connections up to 100 m/330 ft.

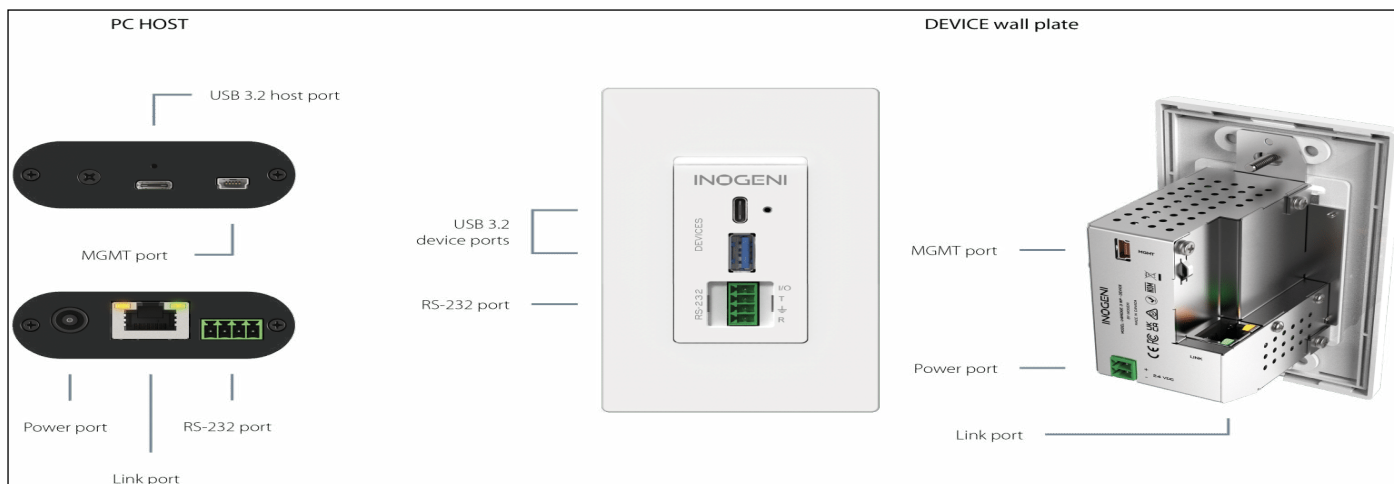


U-BRIDGE 3 WP enables SuperSpeed USB 3.2 Gen 1 (5 Gbps) connections up to 100 meters (330 feet) over a single CAT6A cable—ideal for extending 4K USB cameras, Videobar, DSPs, and other peripherals with plug-and-play reliability and no drivers required. Equipped with USB-A and USB-C device ports, a lockable USB-C host connector, and RS-232 passthrough for VISCA control, this extender provides robust connectivity for up to two USB devices in any videoconferencing environment.

U-BRIDGE 3 WP offers unmatched versatility and reliability and extends up to 3 USB 3.0 connections (1x USB-A and 1x USB-C) up to 100 m (330 ft.), far beyond the standard 3-meter cable limit. Its backward compatibility with USB

2.0 ensures seamless integration with a variety of devices. It provides 1.8A that can be shared between USB ports to enhance functionality and convenience. Operating seamlessly within any setup, the U-BRIDGE 3 WP facilitates connections to PC hosts and INOGENI devices and offers compatibility with leading videoconferencing systems, such as Microsoft Teams Rooms, Zoom Rooms, and more.

U-BRIDGE 3 WP addresses this need with its architectural wall plate design, facilitating clean cable management and providing a high-performance connection wherever you mount your camera or AV device. It is the perfect fit for huddle rooms, executive offices, boardrooms,



and classrooms, where both aesthetics and performance are essential.

- It can be powered from either the PC host or the camera/device wall plate end of this solution
- Provides plug-and-play convenience with no software drivers required
- Works with all major operating systems, including Windows, macOS, and Linux
- 5-year warranty for added peace of mind
- Enables device access and control of USB devices

High-performance USB connectivity

- USB 3.2 Gen 1 / 5Gbps Backward compatible with USB 3.1 Gen 1/3.0/2.0
- Reliable long-distance USB camera extension maintains high-quality, uncompressed video
- DEVICES wall plate ports: 1x USB-A and 1x USB-C
- PC HOST port: lockable USB-C connector

Advanced video + camera control integration

- 4K video camera and audio extender enables SuperSpeed connections
- Perfectly compatible with cameras and UC CODECs
- Connect high quality PTZ cameras and video bars, DSP, HID devices or mouse and keyboard
- RS-232 extension for VISCA or control by either the PC HOST or DEVICES wall plate

Reliable performance meets elegant design and practical installation

- Powered by either the PC HOST or DEVICES wall plate
- Nice and sleek wall plate design to fit in a professional office design environment
- LINK: Up to 100 m/330 ft over a single CAT6A cable [Discover the INO-CAT6A cable](#)
- Tie slot to secure the CAT6A cable for a clean, secure, and worry-free installation.
- Includes one Decora-style wall plate (1-gang format), replaceable for custom installations or color matching.

U-BRIDGE 3 WP multi-device extender with a wall plate is fully compatible with all USB cameras, including professional-grade equipment and PTZ cameras, such as AVer, Logitech, Jabra, ClearOne, Huddly, HuddleCamHD, PTZOptics, Lumens, Marshall, and web cameras.



Pre-Orders Available for TT+ Audio GTX 10i Installation Series



TT+ Audio's GTX 10i Series has been engineered to redefine performance, durability, and control for fixed installation environments. Designed for indoor and outdoor use, the GTX 10i Series is perfect for high-demand applications, including stadiums, theme parks, and large-scale venues.

With seamless integration of hardware and software—a signature of TT+ Audio—this next-generation system delivers powerful, efficient, and scalable sound reinforcement in three precision coverage options:

- GTX 10i – Versatile 110° x 15° coverage
 - GTX 10Pi – Focused 70° x 15° coverage
 - GTX 10Wi – Wide 110° x 30° coverage
- Each model is fully compatible with the XPS 16K four-channel DSP amplifiers and RDNet management software, offering unmatched control, tuning precision, and reliability. To ensure long-term performance in all conditions, the GTX 10i Series includes

IP-rated versions featuring a discreet, acoustically transparent IP55 water-repellent fabric embedded within the grille assembly, delivering enhanced weather protection without compromising audio quality.

Built for Performance, Engineered for Precision

The GTX 10i Series is housed in weather-resistant birch plywood enclosures coated with durable polyurea and rigged with Strenx steel hardware capable of securely deploying up to 16 modules in tension or compression mode. The Light Flybar, designed for maximum flexibility, supports all GTX models in both top and bottom configurations—ideal for versatile rigging in permanent installations.

Sonic Excellence, Component by Component

- High Frequencies: 4" titanium dome compression drivers with neodymium magnets for phase coherence
- Low Frequencies: Dual 10" HyperVented woofers with 3" voice coils for impactful, distortion-free bass
- Advanced DSP Filtering: Maintains a seamless hemicylindrical wavefront, eliminating lobes and ensuring symmetrical left-to-right coverage

The GTX 10i Series represents a new state-of-the-art for the fixed installation market, combining robust design, advanced technology, and flawless audio performance to meet the demands of today's most challenging environments.

TT+ Audio/GTX 10i Series

Magewell's USB Capture Family Grows with USB Capture SDI 4K Pro



Magewell's new USB Capture SDI 4K Pro is a small, plug-and-play device that enables PCs to capture SDI signals up to 4K resolution at 60fps via standard USB 3.2.

USB Capture SDI 4K Pro is the newest in a long line of high-quality USB Capture products. Able to capture SDI signals up to 4096x2160 (including 3840x2160 Ultra HD) at 60fps with 4:2:2 chroma fidelity via the USB 3.2 Gen 2x2 interface, the USB Capture SDI 4K Pro provides seamless video capture with minimal CPU usage and no external power source.

Boasting a long list of capabilities, the USB Capture SDI 4K Pro does more than just 4K. The unit can accept many different video formats up to 12G or frame rates up to 240fps. Along with the video, the device can capture 2-channels of embedded audio or analogue audio via a

3.5mm Line-In interface. Embedded audio can also be extracted and output via the 3.5mm Line Out interface. The unit is FPGA-based and makes no demands on the PC's CPU but does require a 20 Gbps USB 3.2 Gen 2x2 connection for maximum performance. The full product specification can be found [here](#).

The USB Capture SDI 4K Pro features a driver-free setup and automatic input signal format detection for true plug-and-play operation. It supports Windows, MacOS, Linux, and ChromeOS. Magewell's free USB Capture Utility software is included and permits the setting of capture-related parameters, firmware upgrades, and logging.

[Magewell/USB Capture SDI 4K Pro](#)

In-House Production Studios: The Next Must-Have for Corporates?

The advantages of an in-house production studio should not be under-estimated as it enhances a company's agility and consistency in messaging



Singapore headquartered wealth management fintech platform iFAST Corporation's TV studio and a production facility integrated by Ideal Systems.

In today's fast-paced digital landscape, corporate organisations are increasingly relying on high-quality visual content to communicate their brand story, engage employees, and connect with customers. Establishing an in-house production studio can offer greater creative control, cost-efficiency over time, and faster turnaround for content creation. As video becomes a dominant medium across platforms—from social media to internal communications—having dedicated production capabilities can significantly enhance a company's agility and consistency in messaging.

In this issue we get the views of **Fintan Mc Kiernan of Ideal Systems** and **Travis Wigley of Ross Video** who share their thoughts on this subject. Both experts bring valuable insights from their experiences in building and supporting corporate media infrastructure. They discuss key considerations such as benefits, technology choices, and the importance of workflow optimisation. Their perspectives highlight the evolving role of video content in shaping corporate culture and external brand perception. We hope their advice helps organisations make informed decisions when embarking on their in-house studio journey.



Fintan Mc Kiernan
Chief Executive
Officer
South East Asia
Ideal Systems

What are the key benefits for corporates in having an in-house production studio?

The need for corporates to have in-house production studios is increasing rapidly.

In the past, large corporates did not have much requirement for in house video production.

Even the largest companies, might only need to create video for TV adverts, typically through ad agencies, who then used production companies. These ad's would be placed throughout the year, perhaps for a new car model, or toys or cosmetics for Christmas, etc.

While this still happens, large corporations release two things, firstly, linear TV adverts are nowhere near as effective as they used to be, consumers eyes are spread widely across social media apps and the Internet. Now, to get a corporate message to this fragmented audience, corporates have to grapple with how to get their message to facebook users, Pinterest, TikTok, YouTube and many more. Meanwhile theses social media apps have become video centric, like facebook etc. and join the video native apps of TikTok, YouTube. One common attribute of these social media apps, is that the shelf life video is very short. So you can't run the same advert again and again, as was possible in the past with linear TV.

This is where the corporate studio comes in. Having in-house capabilities for the production of content for social media means creating a contentment pipeline, so new fresh content can be created to feed the insatiable appetite of the age of video first apps.

What factors should businesses consider before investing in a production studio?

While cost used to be the main barrier of entry for corporates to build their own in-house studios, this is no longer the case. The advent of new technologies like NDI, allows for high quality production studios to be built a frwaction of the cost of traditional TV studios. They are also much easier to use by not broadcast engineering staff.

Quicker to build, cheaper to build and operate, and easier than ever to use, we are entering into the golden age of corporate video production. Other factors such as space, will depend on the type of content to be made. Many corporates want flexibility so a chroma key set allows for many different virtual studios for different production types. Fixed set studios are more robust and may suit news or interview style sets. Size, height, air conditioning, outside noise, are all factors to be considered when building a studio. But in the end it usually equates to production requirements and budget.

How does an in-house production studio compare to outsourcing content creation in terms of cost and efficiency?

As described earlier, the trend is to produce more content, more often. This really suits having in-house production, because you get continuity, the production team become very effective very quickly at content creation. As mentioned earlier, new technologies have made running a modern corporates studio much

easier than ever. So the more content you wish to create, the more likely in-house production will be more cost effective as well as prove more consistent, as you own your entire content production chain.

What types of content can corporates effectively produce with their own studio?

At Ideal systems we have built many corporate studios for very varying customers, PropNex, for example produce property centric content, while iFast.TV produces investment related content. Then we have corporates like Global Foundries and Facebook who produce content for internal information dissemination. The content varies greatly from product information, service information, training, even the company handbook is now a video!

How can a production studio enhance brand storytelling and engagement?

Customer engagement is the holy grail of advertisers, whether it be products or services, brand storytelling is more important now than it has ever been. The big change now is that most consumers have their own mobile devices to consume video, video is personal in a way it never was on the shared TV in the living room. So now content has to be personal too.

What are the potential challenges and limitations of setting up an in-house studio?

This is where we at Ideal Systems come in, while the content many vary dramatically, the set up for today's in-house studios can be fairly consistent. This is great news as it helps drive down the cost of building a in house TV studio.

Can small and mid-sized businesses also benefit from a production studio, or is it only viable for large corporations?

This is a really interesting question, 10 years ago only the largest corporations had in house video production studios.

But now that the cost barrier has dropped significantly and the demand for video increased and continues to increase, we are seeing smaller and smaller companies setting up their own corporate video production studios.

How is the rise of digital and social media influencing corporate investment in content production?

It's not just the rise of social media, the movement of social media to be more video centric that is really driving the demand for more and more content. Corporate video content creating is moving from nice to have, to need to have.

What are the most essential equipment required in building an in-house production studio?

The basics don't change much, cameras, microphones, audio and video switcher with some graphics and recoding capability.

Again, as mentioned above, at Ideal Systems we have developed a reference architecture that allows maximum flexibility with minimum investment using VizRT Tricaster with NDI PTZ Cameras as the core of the solution. With this basic system professional video can be created edited and even streamed live to various social media platforms quickly and easily.

10. Can you provide us with a case study that Ideal has done for a Corporate. Just key information and photo is sufficient.

Ideal Systems



Ross Video's solutions bring traditional broadcast quality to in-house studios, effortlessly.



Travis Wigley
Senior Director
Sales-APAC
Ross Video

Should Corporates Consider Investing in a Production Studio?

As expectations for high-quality video rise, companies are rethinking their approach to internal and external communication. Basic conferencing setups no longer cut it for leadership updates, training sessions, or high-stakes virtual events.

But there's good news. The production quality once limited to traditional broadcast studios can now easily be achieved in-house. With accessible, professional-grade tools and seamless audiovisual workflows, more organizations are investing in studios that offer greater control, consistency, and long-term cost efficiency.

Systems integrators can help lead this transition and support companies in creating flexible, modern studio environments.

Why Companies are Moving to In-house Production

Corporations are making this shift to improve clarity, engagement, and trust. Fuzzy audio and glitchy feeds lower participation, distract teams, and erode stakeholder confidence. High-quality video now plays a central role in how companies connect, inform, and align people across departments, geographies, and time zones.

As organizations grow, consistency becomes more important. Production-quality content helps maintain unified messaging and reinforces a brand's identity. To support this, leading companies are increasingly investing in infrastructure that supports reliable, studio-grade production.

The Tools Enabling In-house Production

Technological advancements have made it easier for companies to create in-house

studios. Virtual sets, automation, and flexible design options have expanded creative possibilities while reducing technical barriers, allowing even lean teams to produce professional video content more efficiently.

Tools like Ross Video's Ultrix platform simplify live video production by combining routing, signal processing, and switching into a single, compact system. Quorum automates live production tasks like camera switching and graphics integration, offering a browser-based interface for managing customizable corporate events.

And it's not just about the back end tech. With Ross DashBoard, companies can build custom control panels that make running a high-tech production studio feel simple — even for non-technical users. Want to adjust lighting, cue up a background video, or reframe a robotic camera? That can all be done with a single touch. It's a great way to keep things fast, reliable, and stress-free, especially when time and people are limited.

These tools are built to integrate with third-party platforms businesses already use, like Zoom, Teams, and popular content management systems. They support scalable setups that fit existing infrastructure and grow with the organization's needs.

Designing Systems for Real-world Use

Many companies don't know how to tailor systems to their teams, even with the right tools. That's where expert support makes a difference. By designing intuitive, repeatable workflows aligned with business goals, systems integrators help corporations establish production setups that are practical and easy to manage — even with non-technical employees.

These solutions improve day-to-day communication, support operational agility,

and long-term efficiency and cost savings. As users become more comfortable with the technology and workflows, in-house capabilities can expand, making it easier to scale content production and adapt to new business demands.

As expectations continue to rise, in-house production studios will play a core part in how companies communicate, but finding the right mix of technology and team members to use it will be what makes companies stand out.

That's what Ross is best known for. We don't just sell video production gear — we help bring it all together in a way that's easy to use and built to grow with you. From award-winning infrastructure and purpose-built software to bespoke interfaces and automations built to make your daily operations easy, we're focused on making outstanding live video production possible for any team.

Return on Investment Considerations

Building an in-house studio is a significant investment, but one that quickly proves its value. Most companies we work with see their investment begin to pay off within a year through eliminated outsourcing costs alone. But the real value goes beyond just saving money. Companies should track how many more videos they're producing, how engagement has improved, and whether internal messages are landing better with their teams. The most successful studios we've helped build have clear goals from day one - they know what success looks like and monitor how often different departments are using the studio. For companies creating content regularly - even daily - the math becomes simple. This predictable cost model makes budgeting easier and encourages teams to communicate more frequently through video.

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CHINA

Innovative Visual Display Utilizing INFiLED Screens at Huanghua International Airport

The airport was transformed with an installation enhancing visual communication and aesthetics, delivering vibrant content with exceptional clarity and ease of maintenance



INFiLED unveiled a remarkable LED display solution tailored for the Huanghua International Airport in Changsha, showcasing its commitment to innovation in the field of visual displays.

This state-of-the-art solution prominently features a striking curved **MV series** large screen, strategically positioned on the lush green lawn in front of the VIP lounge. This location serves as a focal point at the junction between Terminal 1 and Terminal 2, ensuring



FACT FILE**Project Name:** Huanghua International Airport**Project Location:** Changsha, China**Project Segment:** Transport/Aviation**AV Highlight:** To deliver ultra-bright, high-resolution visual content both indoors and outdoors, enhancing passenger engagement without compromising design or installation efficiency**Key AV Brand:** INFiLED (MV Series, QH Series)

that the display is easily visible to travellers and visitors alike, enhancing the overall aesthetic and functional appeal of the airport environment.

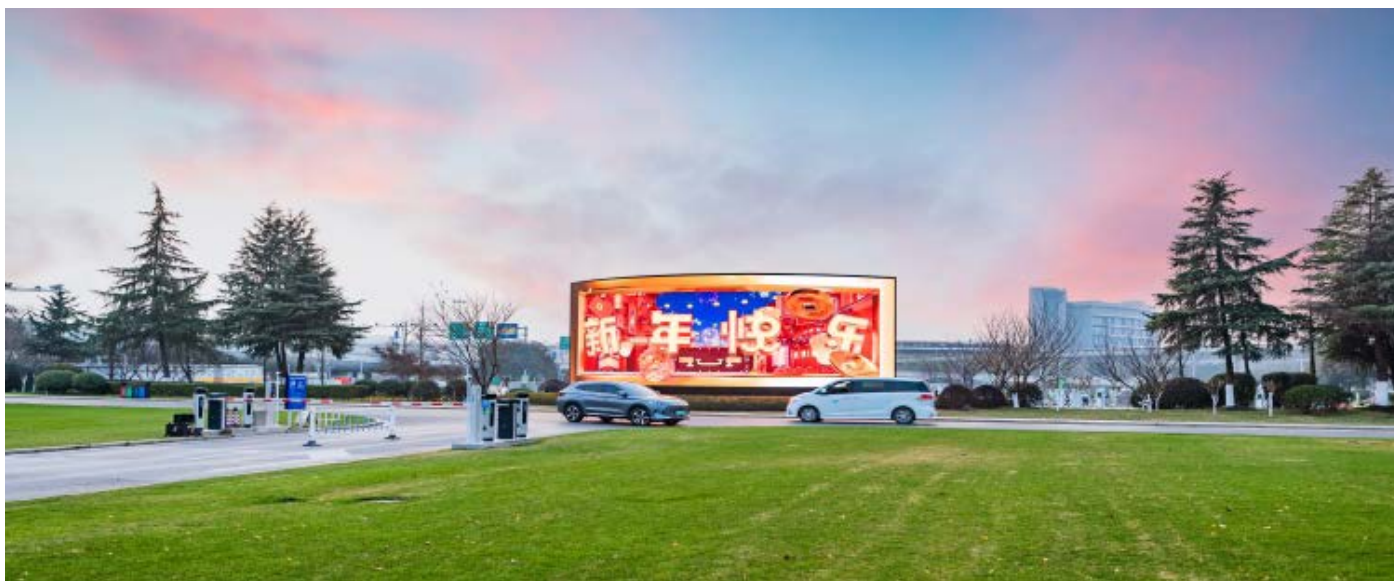
In addition to the impressive curved screen, the installation includes two **QH series** screens that have been expertly mounted within Terminal 2.

Challenges in the Project's Visual Layout

The expectations for the outdoor display at the airport are outlined as follows: Regarding visual appeal, the outdoor screen designed for media promotion had to possess adequate brightness and vivid colours, as these attributes

were essential for effectively conveying messages and leaving a lasting impression on those passing by. Beyond the performance of the screens, there is also a requirement for a user-friendly LED cabinet design to simplify the installation process.

The requirements for the airport's indoor display system are: The indoor displays must effectively present real-time service updates with exceptional clarity. This will help the terminal service desk communicate messages to travellers effectively. The airport also wants the screens to look attractive.



INFiLED's Visual Solutions for the Airport

For the outdoor 3D digital display solution, INFiLED used the MV series LED cabinets to create an 18×6m billboard with a pixel pitch of just 3.91mm. It features adjustable brightness up to 7500nits and a high refresh rate of 3840Hz, allowing for impressive creative content to be displayed smoothly at all times.

INFiLED also focused on the design aspects of the screens. The MV series is lightweight, with each cabinet weighing only 19kg, and has a sturdy frame that makes assembly easy and worry-free. Additionally, it allows for both front and rear maintenance, and the LED module, power supply, and data unit can be easily removed for inspection and repairs.

The displays installed in the international service centre are QH series models with a pixel pitch of 2.0mm, allowing for high-definition content presentation. Furthermore, the displays are designed with a minimalist approach and boast an ultra-thin bezel, enhancing the size of the LED display area.

Additionally, this series of LED cabinets, featuring a sleek thickness of just 32mm, is

designed for wall installation using sturdy mounting brackets. This thoughtful design choice ensures a secure and stable fit and contributes to a streamlined and modern aesthetic.

The Project's Final Outcome

The INFiLED screens in this project fulfil two significant roles, seamlessly integrating functionality with visual attractiveness. These state-of-the-art displays offer high-resolution imagery that captivates audiences while conveying vital information, advertisements, and entertainment. The screens are instrumental in ensuring that travellers remain informed and engaged throughout their experience at the airport.

In conclusion, this display solution showcases INFiLED's proficiency in delivering superior display technologies. As a leading manufacturer of LED screens in the industry, INFiLED addresses the requirements of contemporary transportation centres by providing high-quality digital media boards for terminals that convey captivating and informative content.

INFiLED

INDONESIA

L-Acoustics A Series Conquers Challenging Climate in Outdoor Theatre Setting

Gracia Auvindo masterfully conceals rugged IP55-rated A Series professional sound system within natural stage design, delivering exceptional audio clarity despite tropical conditions



Nestled in the lush, mountainous Puncak region just 60 km south of Jakarta, the new **Enchanting Valley** nature-themed park faces a dual challenge: captivating visitors with a unique theatrical experience while battling Indonesia's notoriously unpredictable tropical climate. The solution? A carefully camouflaged L-Acoustics A Series professional sound system that disappears into the natural surroundings while delivering crystal-clear audio that stands up to humidity, rain, and intense heat.

"Indonesia's weather poses significant challenges for outdoor audio installations," explained Nazar Nazwan, Applications Manager at **PT Gracia Auvindo**, L-Acoustics Certified Partner for Indonesia. "With intense tropical downpours and humidity levels that can damage standard equipment, we needed a system with exceptional durability without sacrificing sound quality. The IP55-rated A10i was the perfect match for these demanding conditions."

FACT FILE

Project Name: Enchanting Valley Outdoor Theatre

Project Location: Puncak, Indonesia

Project Segment: Themed Entertainment

Systems Designers and Integrators: PT Gracia Auvindo

AV Highlight: To deliver immersive, weather-resistant theatrical audio that blends into a natural forest setting

Key AV Brand: L-Acoustics (A10i, KS21i, LA4X)



The 500-seat outdoor theatre at the heart of the 22-hectare park hosts the daily 'Lila Show' musical – an educational performance about nature conservation featuring choreographed dancers and actors performing in a mystical forest setting. This centrepiece attraction required audio that could withstand daily operation in challenging conditions while blending seamlessly with the natural aesthetics of the venue.

Following a competitive shootout where multiple sound systems were evaluated, Gracia Auvindo's L-Acoustics A10i solution won over park management with its combination of weather resistance, sonic clarity, and discreet visual profile.

"Our design challenge went beyond just sound coverage," Nazar noted. "We worked meticulously with the venue's artistic team to camouflage the entire system within the natural elements of the stage. The compact form factor of the A10i allowed us to integrate the speakers into the stage's forest-inspired design elements – hiding technology while enhancing the captivating experience."

The installed system features two L-Acoustics A10i Focus over one A10i Wide per side, with four KS21i subwoofers flown in the middle for extended low-frequency impact. The entire configuration is powered by two LA4X amplified controllers and was precisely designed using L-Acoustics Soundvision software to ensure uniform coverage across the semi-circular seating arrangement.



The Soundvision modelling proved critical not only for acoustic performance but also for navigating the structural integration with the venue's natural elements. "We had to consider both the technical requirements and aesthetic goals," added Nazar. "The system needed to deliver powerful, clear sound while appearing to grow naturally from the stage environment."

The IP55 rating – indicating protection against dust ingress and low-pressure water jets from any direction – ensures the system will maintain performance integrity through Indonesia's rainy seasons and high humidity, a crucial factor for a permanent outdoor installation that operates year-round.

"Visitors are completely transported into the mystical forest world of the 'Lila Show' without visual distractions from obvious technology," Nazar said. "Yet the sound envelops them with exceptional clarity and impact – essential for theatrical performances that blend music, narration, and choreographed dance routines in this unique outdoor setting."



The success of the installation has already prompted Taman Safari management to consider L-Acoustics systems for other venue developments within the expanding theme park. "They're impressed not just with the audio performance, but with how the entire system withstands our challenging climate while enhancing rather than distracting from the natural experience they've created," concluded Nazar.

L-Acoustics/A Series

INDIA

Minimalist AV with Optimal Functionality

Central Vigilance Commission HQ Relies on Televic-Dante Conferencing Solution

by Ram Bhavanashi



Central Vigilance Commission (CVC) – Government of India's apex body to keep a vigilant eye on State-owned institutions against corruption – occupies a very crucial position in the country's governance on idealistic lines given the haughty task it is entrusted with.

Given the complexities in fast changing governance milieu, the Commission needed advanced communication architecture at its head office for its own internal communication, as well as connect with various government organizations.

Televic Conference took the prideful central place in viewing a minimalist yet optimally multi-functional communication system, with New Delhi-based Shree Info Systems taking the honours of integrating the systems in a blend of multi-brand AV network.

FACT FILE**Project Name:** Central Vigilance Commission**Project Location:** Satarkta Bhavan, Block-A GPO Complex, INA New Delhi.**Project Segment:** Government**Project owner:** Central Vigilance Commission, Government of India**Project operator:** Central Public Works Department (CPWD)**Project AV cost:** ₹2 crore (>US\$ 230,000)**Project Management and Design Consultant:** CPWD**Project Architects/Interior Designer:** Ashok Dhiman (Chief Architect of New Delhi Municipal Council)**Project Acoustic Consultant:** Ashok Dhiman (Chief Architect of NDMC)**Project Systems Integrator:** Shree Info Solutions Enterprises, New Delhi**Project Contractors:** Shree Info Solutions Enterprises**Electrical, ELV, HVAC, AV, PA/VA, Security, Other Electronics:** Shree Info Solutions Enterprises**Key AV Brands in Install:** Televic conference system, Audac, AMX Control System, Samsung, Jupiter and Poly**Project Tech Team**

From Design/Architecture: Suneel Chauhan, Abhishekran Rao from Shree info Solutions Enterprises

From Systems Integration: Abhishekran Rao, Sanjeev Sharma, Irfan, Guddu Yadav

From Install team: Sanjeev Sharma, Irfan, Guddu Yadav, Azhar

Project Highlights:

- Integration of Low Profile Microphone (LPM) and Plixus AE-R Audio Engine, ensuring high quality audio performance and seamless integration with CVC conference room's new design
- Confero software suite simplifying meeting management and system configuration
- Multi-Functionality ability to switch between physical and virtual conferencing seamlessly
- Automated Controls developing a unified control interface for managing audio, video, lighting, and display functions through a single touch panel
- Televic Dante-based conference control system with individual microphone management in a low-ceiling environment

CVC – an autonomous body, free of control from any Executive Authority, tasked with monitoring all vigilance activity under the Union Government – has a very haughty objective of preventing corruption in government institutions.

Given the high task, its job involves monitoring and advising various authorities in government organizations in planning, executing, reviewing, and reforming their vigilance work. The deliverance of the job task required it to have in place a very sophisticated fool-proof communication network.

The intent meant the refurbishment and upgradation of its existing conference set-up to state-of-the-art audio-visual systems network, with seamless collaboration amongst various means of communication.



“The scope of the work included installation of state-of-the-art conference system that has a crystal clear video conferencing capability and improved audio

clarity and noise cancellation,” informs **Suneel Chauhan, Director of Shree Info Solutions Enterprises**, the AV systems integrator who landed the prestigious project. “The design parameters were very specific and multi-featured,” he explains. “It needed to be professional and sleek, with modern aesthetics aligned with CVC’s institutional identity.”

According to the integrator, the integration needed to be minimal in nature but functionally optimal with concealed wiring and integrated controls.

“One of the key parametrics was employing CVC’s colour palette and logo placement in key areas in sync with the interior design,” elaborates Chauhan. “Amidst all that, it had to be optimally user-friendly with easy interface and access to controls.”

The spread-sheet of the install specifications were like this:

- **Technology:**

- * Acoustic: Speech intelligibility in the ensuing large conference hall with multiple participants

- * Latency: Ensuring zero audio/video lag during live streaming and conferencing

- * Compatibility: Integrating new systems with old hardware and infrastructure

- * Bandwidth Management: Handling high-quality video conferencing without network congestion

- * Centralized Control: Developing a unified control interface for managing audio, video, lighting, and display functions through a single touch panel

- * User friendliness: Creating a user-friendly interface that allows both automated and manual adjustments

- **Integration:**

- * Cross-Platform Compatibility: Ensuring seamless operation across different conferencing platforms – viz. Zoom, Microsoft Teams, Webex – required configuring the system to support various protocols and codecs

- * Automated switching: Implementing automatic platform detection and switching to eliminate the need for manual configuration

* Ensuring consistent audio and video quality across platforms, despite differences in compression algorithms and transmission protocols

The install also needed to be fool-proof and fail-safe to ward off any unwanted intrusions or unexpected failures that may disrupt any proceeding.

That was by no means an ordinary task, given the structural characteristics of the space. It involved a big set of potential challenges.

Challenge Potential

That the existing conference room was characterized by a low ceiling apparently posed a big challenge both in terms of structure and texture. For structure it meant that the HVAC ducting had to be done within the limited ceiling space without interfering with audio and video system components. A potentially bigger challenge was to ensure that the HVAC noise does not interfere with microphone sensitivity and audio clarity. It also had to balance the airflow, and maintain room temperature without affecting the sensitive AV gear.

For texture, it meant placement of AV gear—loudspeakers, microphones, and video displays with the given hardware architecture.



Says **Mohan Hamal, Vice-President of Sales at Televic India**, who played central to the installation: “The redevelopment of CVC conference room was a complex and large-scale

project. It needed a thorough understanding of the specific functional needs of both the Chairman and Delegate units while preserving the integrity of the room’s design. This required

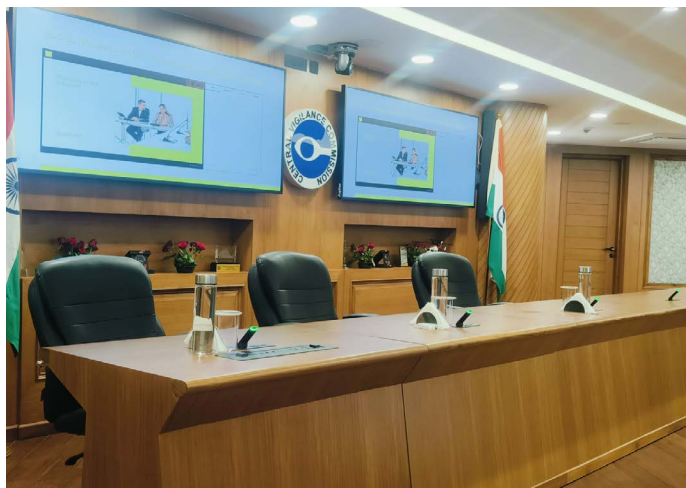
extensive consultations with the client, system integrators, and design teams to ensure alignment in terms of functionality, audio performance, and aesthetic integration.”

That both the AV design and deployment were handled by the systems integrator played a significant part in that it helped the seamless flow of interactions and iterations towards realizing the client’s expectations.

Solution Ingenuity

The design team – comprising professionals from both the integration team, and solution vendors – through constant interaction and close collaboration with the team from the client side evolved a design that essentially comprised a few vital aspects:

- Acoustic treatment by employing noise-absorbent panels as well as noise-dampening material and strategic vent placement
- Concealing wiring, speakers, and other hardware within the ceiling without compromising access for maintenance
- Integration of **Low Profile Microphone (LPM)** and **Plixus AE-R Audio Engine**, to ensure high quality audio performance and seamless integration;
- Employing **short microphones** which are less than 4 inches in length & USB-C based microphone system
- **Confero software suite** to simplify meeting management and system configuration
- **Multi-Functionality** ability to switch between physical and virtual conferencing seamlessly
- **Unified automated control** to interface audio, video, lighting, and display functions through a single touch panel



•Televic Dante-based conference control system with individual microphone management

“Choosing Televic’s LPMs, Plixus AE-R Audio Engine, and Dante-based conferencing system was a very intelligent move,” says Suneel. “It not just met the client’s expectations to the precise, but made the install unique in its own right.”

According to him, use of these Televic systems brought multiple benefits to the space. A frequency response boost starting from 4 kHz ensures increased clarity and intelligibility and low susceptibility to interference from mobile phones. The LED indicator on top of the microphone turns opaque (dark) when switched off.

Televic's low-profile microphones, like the Dual Flex gooseneck microphone, are designed to provide exceptional sound quality with minimal visual intrusion. Their flexible design allows for precise positioning, ensuring optimal audio pickup even in acoustically challenging spaces.

“Integrating the LPM into the overall AV system was a critical task,” Mohan Hamal explains how critical was the act. “A highly tailored technological solution was necessary to ensure seamless compatibility with the existing AV infrastructure,” he continues. “This required

precise logistical coordination to meet tight timelines while ensuring continuous operation.”

According to him, a significant challenge involved balancing technical requirements with the need for aesthetic integration. The LPM microphone needed to blend seamlessly into the newly designed conference room while providing optimal audio quality. Extensive testing, calibration, and on-site adjustments were critical in meeting the client’s specifications while minimizing disruption during installation.

Televic's Plixus network supports Dante audio networking, enabling seamless integration with various audio devices. In DSP mode, the system assigns individual microphones and loudspeakers – up to 64 wired conference units – to separate Dante channels. This configuration allows for precise control and processing of each microphone's audio, facilitating tailored sound management and enhancing overall audio quality.

“The **Plixus AE-R Dante Audio Engine** serves as the core of the audio system, providing robust signal processing and seamless integration with Dante-enabled devices,” Mohan elaborates. “It supports remote control via a web-based interface, includes internal recording capacity, and features redundant networking for uninterrupted performance.”

Then there is the Televic’s **Confero** software suite synced in to simplify meeting management and system configuration. Accessible via the web server of the Plixus engine, it offers an intuitive interface for quick setup and management of conference rooms. With **Confero Advanced Audio** users can unlock advanced audio functionalities, including custom configurations, audio routing management, and easy switching between configurations.



The install has an overall numbers of 48 short microphones (less than 4 inches long), and 43 **Confidea F-DM** Delegate units, besides five units of **Confidea F-CM** Chairman units.

The other audio units such as loudspeakers came from **Audac** comprising 13 units of **Celo5 ceiling speakers**, and **two units of KYRA12/B Main FOH column speakers** that are powered by two units of **Audac SCP230 Amplifiers**. In addition, the amp pack does comprise two units of **Cypress CPLUS-V4T HDMI Distribution amplifier**, and one unit of **Behringer DS2800 8-port audio splitter**.

Further, the install has two units of **Sennheiser EW-D 835-S Set wireless hand-held microphones** and one unit of **Sennheiser EW-D ME4 Set wireless lapel microphone**.

There is one **Xilica FR 1 D DSP** powering the systems, and as many as 14 units of each of **Lumens AVoverIP encoders and decoders**, besides one **Lumens LC-200 capture Vision Station**, and one **Lumens OIP-D50C AV Over IP Controller**.

This set-up addresses the challenges of low-ceiling environments by optimizing audio capture and provides an expansive visual platform for enhanced collaboration, asserts the Shree Info chief.

Endorses Mohan Hamal: "This integration of **LPM Microphone**, **Plixus AE-R**, and **Confero software** underscores Televic's commitment to delivering sophisticated, seamless, and reliable conference solutions tailored to meet the specific needs of the CVC's high-level meetings."

Video Sync

Then, there is the demand of integrating a large and ultra HD display, which the design team met with three units of **81-inch PANA LCD Display** units from Jupiter Systems that are complemented by three 43-inch Samsung displays.

The Jupiter 81-inch PANA LCD come with an awe-inspiring 5K resolution display with 21:9 aspect ratio that ensures an ultra-wide field of



view- which, according to the SI, is ideal for low ceiling environments and still needing display of multiple content sources simultaneously.

“This feature allows for seamless connection and charging of devices like laptops, simplifying the setup and reducing cable clutter,” explains Suneel. “Combining Televic's Dante-enabled conference system with an ultra-wide 5K display creates a cohesive environment where audio and visual elements complement each other,” he elaborates. “The individual microphone control ensures that each participant's voice is captured clearly, while the expansive display facilitates immersive presentations and video conferencing.”

The video-conferencing system is configured employing one unit of **Poly G 7500 VC System**, along with one unit of **Poly G7500 IP Table Microphone**. Feeding the VC system and the video displays are four **Lumens VC-A 61P 4K PTZ cameras** with look at me feature that automatically turns to the speaker the moment he/she begins to talk.

The video set-up also features one unit of **Harman Netlinx NX Integrated NX-3200 Controller**, and an **AMX Multiview Processor** to augment the video, while network switching

is handled by a **Netgear 48-Port PoE network switch** for AV over IP control, and two **Netgear wireless access points** for networking tasks.

As a common feature with most AV installs, particularly in India, this project too had the challenge of racing against time. Working like on a fast-track job, the project team had to pool in its expertise and energies too to complete the design-deployment, and commissioning within a very short time-frame.

“We were able to complete the project from concept to commission in 75 days,” prides Suneel. “The client was extremely happy for not only finishing the job within the time-frame, but also the finesse we crafted out of the challenging space that it was.”

The client's commendation, according to him, was expressed in their issuance of the appreciation letter.

A well-deserved commendation for an ingenious job.

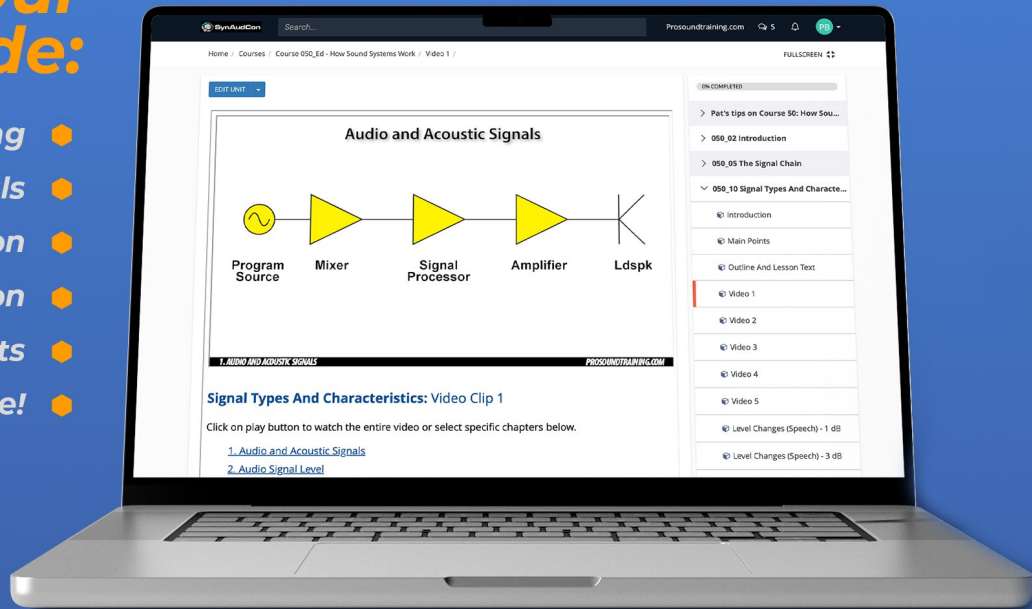
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