


VOL.24 ISSUE 09
SEPTEMBER 2025

ISSN: 27375129

systems integrationasia

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COMMAND AND CONTROL CENTRES: REAL-TIME DECISION MAKING AND OPERATIONAL EFFICIENCY

VOICEBOX

From Chalkboard to AI in the
Education Sector

NEWS

The SI India Awards Chart a New
High with New Partners

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CONTENTS

Volume 24 Issue 09: SEPTEMBER 2025



41 INSTALLATION: TUX Bar & Lounge at Carlton Hotel Exudes Sophistication and Ambient Charm

VOICEBOX

06 From Chalkboard to AI in the Education Sector

10 NEWS

26 SOLUTIONS UPDATE

FEATURE

30 Command and Control Centres: Real-Time Decision Making and Operational Efficiency

INSTALLATION

38 Ayrton Eurus and Huracán Profiles Enrich Visuals of Hope Church

44 Shangri-La Jeddah Elevates Luxury Experience with HARMAN

47 INFiLED Powers World's Largest Digital Display at Dubai Fountain

50 KIS International School Reignwood Park Opens with L-Acoustics A Series

54 Jungle Adventure Swings into Action with Optimal Audio

"Traditionally, control rooms served industries like power generation, utilities, transport, telecoms, and defence. But as data generation and delivery have increased exponentially, demand now spans diverse sectors — from motor racing teams monitoring telemetry to oceanography vessels combining scientific data"

Michael Austin, Datapath



PUBLISHED BY: SPINWORKZ PTE LTD
207A Thomson Road, Goldhill Shopping Centre,
Singapore 307640
TEL: (65) 63162716

To read more go to Feature on page **30**

From the Publisher

Thomas Richard Prakasam
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In today's data-driven world, the ability to monitor, analyse, and act in real time has become a strategic imperative. Nowhere is this more evident than in Command and Control Centres – the nerve hubs of critical operations spanning emergency services, defence, transportation, energy, and corporate sectors. To explore how technology providers are addressing these evolving needs, we spoke with representatives from four leading manufacturers in this space: **Datapath, Dexon, G&D, and IHSE.**

In our Voice Box column, **Dr. Sunil Kr Pandey, Professor & Director (IT & UG), Institute of Technology and Science**, shares insights in his piece "From Chalkboard to AI", adapted from his recent presentation at InfoComm Asia. Dr. Pandey highlights how AI can accommodate diverse learning styles more effectively than any previous technology.

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PUBLISHED BY **Spinworkz Pte Ltd**

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Goldhill Shopping Centre
Singapore 307640

Tel: (65) 63162716

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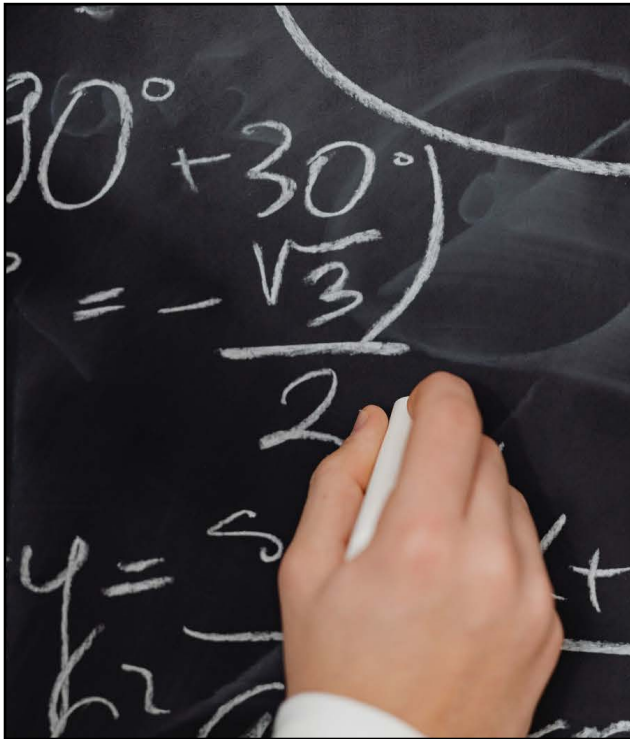
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From Chalkboard to AI

AI can cater to diverse learning styles more effectively than any single previous technology

by Dr. Sunil Kr Pandey, Professor & Director (IT & UG), Institute Of Technology and Science



Dr. Sunil Kr Pandey, Professor & Director (IT & UG) at the Institute of Technology and Science, Mohan Nagar, Ghaziabad, UP, India, recently presented at InfoComm Asia. This article features his presentation.

Throughout history, the classroom has been a crucible of innovation, constantly evolving to meet the changing needs of society. From the introduction of the humble chalkboard in the early 19th century, revolutionized the way teachers taught and students learned. It provided a shared learning surface, enabling teachers to reach an entire class at once. The mid-20th century saw the advent of educational broadcasts, such as radio programs and television shows, which brought expert presenters into the classroom. These innovations expanded group learning and increased access to knowledge.

With the rise of artificial intelligence in the 21st, each technological advancement has promised to revolutionize the way we teach and learn. This evolution has been driven by advances in technology, changing pedagogical approaches, and the need to provide students with the

skills and knowledge required to succeed in an increasingly complex and interconnected world. With these technological advancements, we stand on the cusp of another transformation with the advent of text-based and multimodal AI. Like the chalkboard expanded group learning, AI expands personalized learning to unprecedented scales. Similar to how educational innovation television brought expert presenters into the classroom, AI brings the collective knowledge of the internet to each student's fingertips, but with the added ability to interact and ask questions. However, AI goes beyond these past innovations in several ways including – **Adaptability, Scalability, Continuous Improvement and Multimodal Integration** - by combining text, image, audio, and potentially tactile interfaces, multimodal AI can cater to diverse learning styles more effectively than any single previous technology.

AI in education is not just a new technology, but a continuation of humanity's drive to expand knowledge and learning, building upon centuries of educational innovation. It's a tool that empowers educators and students, offering new ways to personalize learning, enhance accessibility, and improve the overall educational experience.

The Key drivers of AI growth in education those are fuelling the massive adoption of AI in education include - Demand for Personalized Learning, Enhanced Efficiency for Educators, Data-Driven Insights, Increased Accessibility and Inclusivity, and Focus on Future-Ready Skills as AI is being used to develop skills essential for the 21st-century workforce, such as problem-solving, critical thinking, creativity, and digital literacy, preparing students for an evolving job market. By enhancing institutional efficiency and Immersive Learning Experiences with AI integration with technologies like VR and AR to create engaging and immersive learning environments, making complex concepts more accessible and enjoyable for students.

Educational AI increasing Industry Attention

It has always been felt that the trend in investment from Industry, Government and Research organizations suggests the trends in which direction Industry heading towards in future. If we take this into consideration, the way investment at globally and in India also increasing in Technology Adoption with AI, it clearly indicates that the demand of the Education Technologies are already increasing and massive adoption is expected continued in time to come. The global AI in education market is experiencing rapid growth, with increasing investments across various regions and applications. The primary drivers behind this surge in spending are the demand for personalized learning experiences, the desire to boost efficiency in education, and the need to improve accessibility and inclusivity.

Various reports from leading consulting organizations and research agencies, including E & Y, Statistica, Grand View Research, NinjaED, IMARC Group etc., suggests that the market for AI in education is experiencing significant growth, with projections for continued expansion. India is emerging as a significant hub for AI innovation and adoption in the education sector, exhibiting robust growth in the market. In 2022, the AI in Education market in India generated a revenue of USD 140.7 million and, interestingly, **India leads globally in AI skill penetration, with a 263% increase in AI talent concentration since 2016**. The global AI in education market has seen substantial growth in the last decade, with significant expansion both globally and in India. According to IMARC Group. globally, the market value is projected to reach USD 75.1 billion by 2033., with a CAGR of 34.03% from 2025-2033. Like-wise India is experiencing a particularly rapid rise, with the AI-skilled workforce increasing 14-fold from 2016 to 2023 and the industry projected to reach USD 28.8 billion by 2025.

Embracing the Future While Learning from the Past

The story of education is one of constant evolution, with each new tool building upon the foundations laid by its predecessors. Text-based and multimodal AI represent the next chapter in this ongoing narrative, offering unprecedented opportunities to enhance critical thinking, creativity, and problem-solving skills for learners around the globe. The evolution of teaching pedagogies demonstrates a continuous effort to enhance learning experiences, personalize instruction, and adapt to the changing needs of students and society. AI is poised to play a crucial role in this ongoing transformation, offering powerful tools for personalized learning, administrative efficiency, and enhanced educational outcomes. By harnessing the power of AI responsibly, prioritizing equity and accessibility, and empowering educators with the necessary skills, it is possible to create a future where

education is more personalized, engaging, and effective for all learners.

Challenges and Considerations

AI's growth and expansion in education over the last 10-15 years demonstrate a significant shift towards more personalized, efficient, and engaging learning experiences. Despite the immense potential, the growth of AI in education is not without challenges. These include concerns about data privacy and security, potential algorithmic bias, ensuring equitable access to technology and resources (the digital divide), the need for adequate teacher training and professional development, and the importance of maintaining a balance between human interaction and technology-driven learning. Addressing these challenges through thoughtful policy, infrastructure investment, and ethical considerations is crucial to maximize the benefits of AI in education and ensure it serves as a catalyst for a more equitable and effective learning environment for all.

Dr. Sunil Kr Pandey – Academic Leader | Researcher | Technologist | TEDx Speaker

With over 25 years of combined experience in **industry and academia**, Dr. Sunil Kr Pandey is a seasoned academic leader and technologist, currently serving as **Director (IT & UG)** at I.T.S, Mohan Nagar, Ghaziabad – a **NAAC A+ Grade** and **NBA-accredited** institute. His expertise spans **Cloud Computing, Blockchain, Database Technologies**, and **Soft Computing**.

A **TEDx speaker**, Dr. Pandey holds **12 patents** (India & abroad), **1 registered copyright**, and has authored over **65+ research papers** in **SCI/Scopus-indexed journals** and international conferences, as well as 7 books with globally recognized publishers including **Springer, Taylor & Francis, IEEE, and River Publishers**.

He is a **Special Invitee** to the **AI Committee of ICAI (2025–26)**, and has delivered talks, panel discussions, and expert lectures at prestigious platforms such as **Vigyan Bhawan, ASSOCHAM, CII, and international conferences**. He has conducted **25+ national/international conferences** in collaboration with **AICTE, CSI, DST**, and others, alongside numerous **FDPs and entrepreneurship programs**.

Dr. Pandey's professional affiliations include **Senior Member IEEE, ACM, Life Member CSI, ISCA, and IETE**. He is the recipient of multiple awards from reputed organizations such as **Dr. APJ Abdul Kalam Technical University, Global CIO Forum, Business World, Dataquest, and TechPlus Media Group**.

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Through their UAE presence, VEGA had already been supporting global clients in Riyadh

SAUDI ARABIA: VEGA, a leading international system integrator, has announced the opening of new regional offices in Riyadh, Saudi Arabia, marking a significant milestone in the company's ongoing global expansion. This move comes as Saudi Arabia's audio-visual industry experiences unprecedented growth, driven by the government's ambitious Vision 2030 initiatives, which emphasise smart city development and increased investments in entertainment, education, and infrastructure.

The establishment of VEGA's new office in Riyadh, Saudi Arabia, will bring the company closer to customers in this high-growth market, enabling enhanced collaboration and more responsive service delivery. The Saudi operations will be led by Blessing Joseph, who brings a wealth of experience from VEGA's successful operations in India.

VEGA entered the Indian subcontinent in 2010 and expanded rapidly to meet the growing demands of global clients through consistent and high-quality services. In 2020, VEGA launched UAE operations, and today, proudly employs over 170 professionals

and Jeddah. Establishing a local presence in the Kingdom will further strengthen their ability to serve both international and local clients, addressing the region's emerging potential.

"Saudi Arabia's Vision 2030 embodies a bold commitment to diversifying the economy, fostering innovation, and building a more sustainable future for the country. We are committed to being an integral part of that journey from day one," said Blessing Joseph, Head of India and MEA at VEGA.

"Our investment in a registered office and banking capabilities in Saudi Arabia reflects VEGA's strategy to invest in high-potential markets with a long-term vision and strategy. We will bring the ONEVEGA platform of world-class consultants, designers, and project engineers to exceed the expectations of our clients in the GCC," said Steven Medeiros, CEO of VEGA. "With over 40 offices in 20 countries, we are well-positioned to support our clients' growth across the Middle East, Asia Pacific, Europe, and the USA. We look forward to contributing to Saudi Arabia's vibrant future and supporting its journey toward digital transformation."

VEGA



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NEXO Strengthens Engineering Support in Asia with the Appointment of Joe Yeung Ka Chun



A **SIA:** Providing system design and installation support, training and technical assistance in the field, the services of NEXO's Engineering Support team are highly valued by systems integrators, installers and event production companies alike.

As part of an ongoing commitment to ensuring a world-class level of customer service commensurate with the performance and quality of its products, NEXO is pleased to announce a significant addition to its Engineering Support team, welcoming Joe Yeung Ka Chun as Engineering Support Manager, focusing on Asian markets.

Joe brings with him nearly two decades of experience in the professional audio industry, including his most recent role as a Senior Audio Technician at the prestigious integrated resort MGM MACAU.

Throughout his career, Joe has served as a sound engineer for numerous high-profile events and venues across mainland China, Hong Kong, and Macau. "I am excited by the challenge of joining NEXO and becoming part of a highly specialised Engineering Support team, and I look forward to strengthening the relationships between NEXO and our partners in Asia", commented Joe, ahead of taking up his new role.

Commenting on behalf of NEXO, Engineering Support Director François Deffarges said, "The E.S. team ensures that our customers receive the best return on their investment in NEXO products, firstly by assisting in configuring the right system for the application, and then by training operators and being on-site to optimise performance at events and venues. Joe's solid experience in sound engineering and project management makes him an ideal fit for the role, and we are thrilled to welcome him to the team."

Joe joined NEXO on August 11th, 2025.

NEXO



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sennheiser.com/tccm



The SI India Awards Chart a New High with New Partners



INDIA: Systems Integration India Awards (SIIA) – the prided Awards platform for the Indian AV industry – continues to break new grounds as it evolves further, both horizontally and vertically.

With the new dynamism characterising the industry activism, SIIA has FIVE new Partners for the 2025 Edition:

- **HARMAN PROFESSIONAL (INDIA) SOLUTIONS** – as the AV Professional of the Year Award Partner
- **Televic Conference** – as the first (newly constituted) Audio Conferencing Category Partner
- **NTECK SYSTEMS** – as the new Corporate Category Partner
- **LOGIC AV** – as the new Education Category Partner
- **ROSS VIDEO** – as a new Partner

Having started the People’s Award as a much-demanded extension to the Awards’ platform in 2023, SIIA got its most coveted Individual Award, the AV Professional of the Year Award, partnered by **Harman (India) Professional Solutions**.

HARMAN, which had been one of SIIA’s Founding Partners for the Hospitality Segment in the early editions, retook its pole position this year (2025) but with a more expressive statement- as the Partner for the AV Professional of the Year Award.

“At HARMAN, we are deeply committed to advancing innovation and excellence within the professional audiovisual industry; partnering with SIIA to sponsor the AV Professional of the Year Award was a natural extension of that commitment,” said Vinayak Kamath, Head of Marketing, Harman (India) Professional Solutions. “This award not only recognises the

incredible talent and leadership shaping the future of AV, but also aligns with our mission to empower professionals who are driving meaningful change through technology and creativity.”

“The AV industry is evolving rapidly, and it’s the passion and ingenuity of its professionals that keep pushing boundaries,” Vinayak asserted, Harman’s choice for the significant initiative. “We believe in celebrating those who lead with vision, deliver exceptional experiences, and set new benchmarks in the field. By supporting this award, we’re investing in the future of AV—honouring today’s trailblazers and inspiring the next generation of innovators.

“This partnership also reflects our belief in community and collaboration. SIIA provides a vital platform for bringing the industry together, and we are proud to stand alongside them in recognising excellence and elevating the standards of our profession,” the Harman India Exec commented.

It may be known to the Indian AV industry fraternity that the first SIIA’s AV Professional of the Year Award – having been constituted in 2023 – had been conferred posthumously on the late Ratnesh Javeri as a unanimous Industry choice, given the indelible mark that Ratnesh left on the industry.

The second AV Professional of the Year Award was presented to Narendra Naidu, noted AV design consultant and chief of Rhino Engineers, in 2024.

New Industry Segment: Audio Conferencing

It may not be out of place here to underscore the new Category Segment instituted by SIIA this year- Audio Conferencing. As the AV industry continues to expand at a rapid pace, widening its ambit with new segments emerging as independent domains of their

own, SIIA has added Audio Conferencing as the latest, seventh Category to elevate the six-category Awards celebration.

And, the category instantly found its taker- **Televic Conference**, with the Belgian audio communications major making a rapid and massive growth in India in a quick span.

“At Televic Conference, our mission has always been to facilitate clear communication and create better understanding through our technology; the SI India Awards share a similar vision by recognising the individuals and organisations that make this possible through exceptional system integration work,” said Mohan Hamal, Vice-President of Sales at Televic Conference (India). “Since integrators are instrumental in turning technology into real-world solutions that foster better collaboration and understanding, partnering with SI India Awards was a natural and meaningful choice for us.”

NTeck Systems, the new Corporate Category Partner

The Corporate Category found a new partner this year with **NTeck Systems**. As a dynamically growing AV distribution major, Bengaluru-based NTeck Systems seized the opportunity to take up the Partnership role for the Corporate Category.

“We had been watching the SI India Awards for the past few years; we realise the quality contribution and value the Awards have been bringing to the industry,” stated Nataraju Upputuri, Managing Director of NTeck Systems. “This alliance is built on shared values and complementary strengths,” he declared. “SI India Awards celebrates the skill and innovation of integrators, NTeck brings high-quality, innovative and reliable AV gear to the industry to enhance the AV experience as a whole.”

LOGIC AV – The new Education Category Partner

The Education Category – another significant aspect of the SI India Awards – is taken by the Bengaluru-based **Logic AV Systems**, a proud testament to the Make in India initiative of Indian AV dynamism. Having set up India's largest LED display devices manufacturing plant with truly indigenous expertise, Logic has been going places from strength to strength with predominant presence in segments like Education, Corporate, Government, and Hospitality.

Adding to the growing interest in the awards, Ross Video has come on board as a new partner. With an established presence in India

and a reputation for powering live productions through its suite of solutions, **Ross Video** is using this opportunity to connect with the AV industry.

We, of course, deeply appreciate the continued support of our long-time partners—**Ansata Epson, Kramer, EDS**, and **Sennheiser**—who have steadfastly believed in our mission.

SIIA continues to explore and track the emerging trends in the AV industry that are relevant to India and brings them to the celebration dais for everyone to reckon and revel.

Systems Integration India Awards

Sennheiser Welcomes Midwich as New Distributor for Business Communication Solutions

INDONESIA: Sennheiser has officially appointed Midwich as its sole distributor for Business Communication solutions in Indonesia. The appointment was announced at an industry event co-hosted by Sennheiser and Midwich on 16 July 2025 at The Westin Jakarta, which brought together over 100 system integrators, AV consultants, and technology partners from across the region.

Midwich is a global specialist audio-visual distributor representing the world's leading brands in AV, unified communications, and professional audio. Known for its strong technical support and deep channel relationships, Midwich has a growing presence across the Asia Pacific, including Indonesia, where it provides value-added distribution

services to help integrators and resellers deliver complete, end-to-end AV solutions.

The event served as a platform to reinforce Sennheiser's commitment to the Indonesian market and to showcase its latest innovations for corporate and higher education spaces. Attendees experienced live demonstrations of key Sennheiser solutions, including the EW-DX digital wireless microphone system, the TeamConnect Ceiling Medium (TCC M), and the all-in-one TeamConnect Bar solutions.

The event was also supported by Sennheiser's key alliance partners – Crestron, Lumens, Maxhub, Netgear and Xilica – underscoring Sennheiser's brand-agnostic approach and dedication to providing seamless, integrated AV



Eugene Yan, Regional Manager SEA, Midwich APAC and Alex Lim, Sales Director, Business Communication, Sennheiser Southeast Asia

solutions across platforms. Attendees explored how Sennheiser's technology fits into wider AV ecosystems to enhance user experience and system flexibility.

"This event was the perfect way to kick off our partnership with Sennheiser in Indonesia," said Eugene Yan, Regional Manager SEA, Midwich APAC. "We saw a fantastic response from the AV community, and the excitement around the solutions we showcased confirms the strong demand for premium, integrated communication technologies in both corporate and education markets. We look forward to working closely with Sennheiser to make their high-quality solutions more accessible to customers across Indonesia."

Alex Lim, Sales Director, Business Communication, Sennheiser Southeast Asia, added, "We are delighted to partner with Midwich to deepen our presence in Indonesia. Their strong channel relationships and technical expertise make them a natural fit for our Business Communication portfolio. The turnout and enthusiasm at the Jakarta event reaffirmed our belief in the potential of this market, and

we look forward to growing together with our partners and customers."

The event featured networking sessions, live solution showcases and presentations by alliance brands, offering attendees a comprehensive overview of how solutions from Sennheiser and its alliance partners can be deployed in real-world environments. The successful launch marks a new chapter in Sennheiser's regional growth, reinforcing its position as a trusted and reliable partner in the industry.



More than 100 professionals turned up for the event co-hosted by Sennheiser and Midwich.

Sennheiser

Aquila Data Singapore Officially Opens



Aquila Data Singapore officially opened its new office on 1 August 2025, joined by owner and investor Mrs. Natalia Dewi Sari, along with Handry Bun and Ryan Wong. The event marked a new milestone for AQS in strengthening its role as a dedicated Pro AV and Unified Communications distributor in Singapore.

SINGAPORE Aquila Data Singapore (AQS) marked a significant milestone with the official opening of its new premises on 1 August 2025, bringing together industry partners and resellers to celebrate the occasion. More than just a ribbon-cutting event, the opening reinforced AQS's growing role as a specialist distributor dedicated to the professional AV and unified communications (UC) sectors.

With its deep channel focus, AQS used the event to spotlight its mission: to empower system integrators and resellers in Singapore through a strong solutions portfolio backed by meaningful local support.

A Space Designed for Enablement

The newly launched AQS office is purpose-built to serve the evolving needs of its partners. Key highlights include:

- A **16-pax training room** that can be seamlessly transformed into a Proof of Concept (PoC) room — simulating a fully equipped 16-seater boardroom for real-world demonstration and testing scenarios.
- A **6-pax meeting room** demo space, ideal for showcasing small room and huddle space solutions.
- A **technical testing room**, enabling pre-deployment validation and hands-on support to help partners troubleshoot and fine-tune installations.

A Portfolio Built for Collaboration

AQS also took the opportunity to shine a spotlight on its growing portfolio of premium brands. From **Neat** and **Lightware** to **LIVEY**, **Philips Displays**, and **MuxLab**, the lineup

offers an end-to-end ecosystem of solutions — spanning video collaboration, AV-over-IP, and professional display technologies. Together, these partnerships give resellers and integrators access to cutting-edge tools that enable smarter, more seamless communication and collaboration.

Forging the Future, Together

The opening is more than the launch of a physical space — it's a statement of intent. AQS is positioning itself as a value-added partner to the AV and UC channel, not just through technology, but through trust, knowledge-sharing, and dependable support. As the AV landscape continues to evolve rapidly, AQS's presence in Singapore signals a renewed commitment to helping the industry adapt, thrive, and lead.

"This new office represents our dedication to supporting partners at every step of the journey — from product selection and training, to testing and implementation," said Handry Bun of Aquila Data Singapore. **"It's a space built for collaboration and growth, and we're excited for what's ahead."**

With its focus on enabling success from the ground up, AQS is poised to become a key driver in the region's Pro AV and UC distribution landscape.

Aquila Data



Why Choose Intelligent IT Solutions?



Joe Hazelwood
Founder

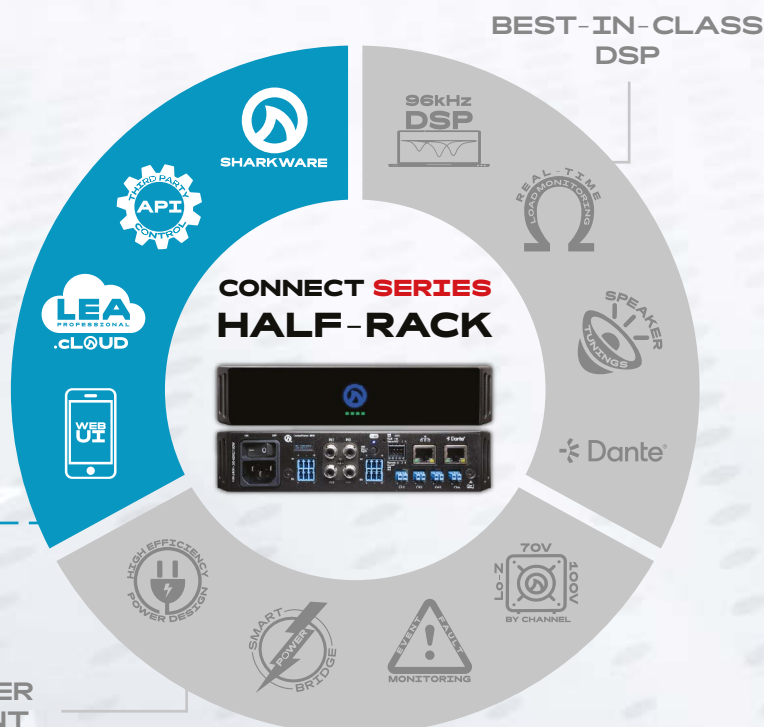


“LEA Half-Rack amps are a game changer for hospitality—ideal for small venues and multi-zone spaces like private dining rooms or entryways. They save rack space, keep project costs in check, and integrate seamlessly with LEA's WebUI, SharkWare, and open control API. Bonus feature: mic input selection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

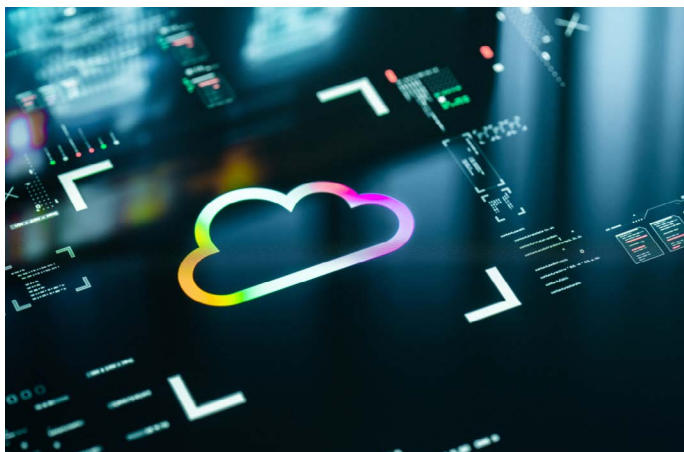
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NETGEAR Joins OpenAV.Cloud Initiative



GLOBAL: NETGEAR Inc. has announced its participation in the OpenAV.Cloud initiative, committing to transform the professional audiovisual industry through cloud-managed, software-defined infrastructure solutions.

“The professional AV industry stands at an inflexion point,” said Richard Jonker, Vice President of Marketing and Business Development at NETGEAR Enterprise. “After decades of hardware-centric, proprietary systems that required specialised expertise to deploy and maintain, we’re witnessing a fundamental shift toward cloud-managed, software-defined infrastructure.”

Traditional AV infrastructure has long faced scalability barriers, with systems operating as isolated islands that make integration with broader IT infrastructure difficult and costly. NETGEAR’s cloud-first approach eliminates these limitations through dynamic, software-controlled environments that adapt to changing requirements in real time.

NETGEAR’s Engage Controller platform exemplifies the company’s cloud-first philosophy, evolving from a configuration tool into a comprehensive AV system management

platform. The solution provides auto-discovery and intelligent configuration capabilities, preset profile-based configuration and topology visualisation, centralised monitoring, and seamless integration with existing IT infrastructure.

When integrated with OpenAV.Cloud’s API-driven framework, networks managed by Engage can become part of a larger ecosystem where devices and services from hundreds of partner vendors can communicate natively and securely. The company’s new M4350 series switches, featuring SMPTE ST 2110 support and precision timing capabilities, transform from simple network endpoints into intelligent, software-controllable assets within the broader digital AV infrastructure.

The shift to cloud-managed AV infrastructure enables new business models throughout the AV ecosystem. For integrators, the technology opens revenue streams through subscription-based monitoring, maintenance and support services, replacing project-based revenue with recurring client relationships. End customers can scale gradually, paying for capacity as needed rather than making large upfront investments. “The future of AV cannot be built by any single vendor,” Jonker said. “Today’s customers demand solutions that ‘just work’ regardless of brand, especially as AV systems become more IP-centric and cloud-integrated.”

Organisations embracing this shift will benefit from greater flexibility, reduced operational overhead and enhanced ability to adapt to changing requirements. NETGEAR’s participation positions the company and its more than 450 partners at the centre of what Jonker called “the AV industry’s most significant transformation in decades.”

NETGEAR



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QSC®

Adam Hall Group Appoints Loud Technologies Asia as Exclusive LD Systems Distributor



SINGAPORE: The Adam Hall Group is continuing its international growth and expanding its sales network in Southeast Asia. **Loud Technologies Asia PTY** is now the exclusive distributor of the **LD Systems** brand in Singapore. With this new partnership, the global event technology manufacturer headquartered in Neu-Anspach aims to further expand the presence of its pro audio brand in the dynamic city-state and tap into new market potential.

Loud Technologies Asia, based in Singapore, is an established distribution partner specialising in high-quality audio, lighting, video and control solutions for professional applications. The company has extensive regional market experience and, in addition to the exclusive distribution of LD Systems, will also offer

the other brands of the Adam Hall Group in Singapore on request. The regional clientele includes AV integrators and rental companies as well as retailers and public institutions.

“Singapore is a demanding market for professional AV technology, but one that is also very innovative,” explained Alessio Foti, Global Business Development Manager of the Adam Hall Group. “With Loud Technologies Asia, we have gained an experienced partner who understands this market and has an excellent customer and service network. We look forward to working closely together to establish LD Systems’ audio solutions in the region in the long term.”

KY Koay, Senior Sales Manager at Loud Technologies Asia PTY, added: “We are delighted to partner with the Adam Hall Group and offer our customers stable, reliable support – not just in Singapore, but also regionally. With the strong product portfolio and the excellent brand reputation, our customers can count on reliable availability and first-class after-sales service – both decisive criteria when making a purchase.”

Adam Hall

VEGA Singapore Launches Renovated Innovation Zone



SINGAPORE: VEGA Singapore, part of the VEGA Group, is pleased to announce the completion of its newly renovated Innovation Zone, an engineering and training area designed to support the team, clients, and partners in learning, collaboration, and innovation. This milestone highlights VEGA Singapore's ongoing commitment to operational excellence and delivering quality service to the Singapore market.

Located at 10 Ubi Crescent, Ubi Techpark Lobby E, the Innovation Zone provides a practical and well-equipped space for training, knowledge sharing, equipment testing, and operational meetings. The improvements ensure that the facility effectively supports internal training programs, promotes collaboration among team members, and maintains high standards of quality during equipment testing before installation.

Plans are already in place to organise in-house training sessions for VEGA engineers and project managers, focusing on enhancing technical skills and professional development. The team is also working to implement certification programs to ensure employees stay updated with the latest industry standards.

"This space reflects our dedication to fostering collaboration, improving technical expertise, and delivering exceptional service to our clients. It's not just a facility but a place where learning and innovation come together to drive quality and success," said Alvin Long, Singapore Sales Director of VEGA.

The Innovation Zone represents another step forward in VEGA Singapore's mission to empower its team and partners, ensuring continued success and growth in the local market.

VEGA Global

PPDS Announces New Senior Management Structure



Ron Cottaar & Jae O Choi Park.

EMEA: PPDS, the exclusive global provider of Philips Professional Displays and complementary solutions, is delighted to announce the latest structural updates to its EMEA sales and global marketing management teams, with the promotion of Jae O Choi Park and Ron Cottaar to lead the company's amplified growth ambitions.

Reaffirming PPDS's unparalleled commitment to supporting its global sales and marketing teams and delivering bespoke services and solutions tailored to meet the unique needs of individual customers across all markets and regions, the changes reflect the continued evolution of PPDS's expanding global operations.

In recent years, PPDS has undergone a series of positive transformations, designed to deliver greater value and opportunities to partners and end customers with its accelerated 'total solutions' strategy. Announced during a brand

reinvention in 2021, the strategy includes delivering the industry's most innovative portfolio of hardware and software solutions – developed in-house and in partnership – for indoor and outdoor projects of any shape, size or environment.

Powering EMEA forward

Jae O Choi Park, who joined PPDS as European Sales Director in 2022, has been officially promoted to the newly created position of EMEA Commercial Head, joining Angela Lin, Jason Wu, and Rosa Chiu, the Commercial Heads for US and LATAM, for China, and for APA and India, respectively. Jae, who has held the role on an interim basis since 2024, will now officially oversee all European sales and support activities.

Since joining the company three years ago, Jae has consistently demonstrated strong leadership and resilience. Amid frequent changes, he has been a steady and reliable

force, serving as a key pillar in PPDS' commercial success and playing a vital role in driving growth in key markets and regions.

Jae – one of the AV industry's leading international talents, achieving extensive financial, sales, and account management experience at some of the world's leading professional display specialists – was brought into the organisation as part of an ambitious five-year global growth and expansion strategy. In his extended role, Jae will continue to evolve and accelerate this strategy, aligning it with the company's current and future goals.

Discussing his new role, Jae commented: "I am excited to have accepted this new role and to play my part in fulfilling this company's potential. PPDS is on an exciting journey, delivering what I believe to be the industry's most advanced, innovative, and sustainable solutions, backed by the industry's most talented team of professionals. We are on an upward trajectory, and what excites me the most is that we have so much more to come."

Global business success

Supporting the bigger picture, Ron Cottaar will now serve as Head of Global Marketing, leading his teams around the world and devising new strategies to expand PPDS' global presence and sharpen the PPDS brand and values on a local, regional, and international scale.

Now in his seventh year at PPDS, Ron's dedication and open-mindedness, as well as his vision to augment success with the strategic introduction of a global marketing platform, as well as AI and marketing automation, have played an instrumental role in the continued development of the organisation, making him a key driver in its future achievement and an invaluable member of the Senior Leadership team.

Based in the company's head office in Amsterdam, NL, Ron will report directly to PL Wang, Vice President at PPDS' mother company, TPV Technology. Liaising with Jae and the Commercial Heads located around the globe, Ron will help develop marketing strategies to support sales growth and ensure opportunities are maximised.

Commenting on his enhanced role, Ron said: "Success in any business can only be achieved with the right teams. From day one, PPDS has adopted a collaborative and entrepreneurial approach to business, allowing its teams to thrive, using their expertise to make a difference. That is very distinct from other organisations. I am proud to work with some immensely talented teams around the world, all striving for the same goals. In my new role and under the new structure, we will continue to accelerate brand awareness and the value of PPDS, while bringing new opportunities to our partners and customers."

Discussing these new organisational changes, PL Wang, VP at TPV Technology, commented: "As we move into a new era, this new structure will complement all the incredible work achieved so far, opening new doors for our teams to flex their wings, using their skills and knowledge to drive the company even further forward."

"On behalf of everyone at TPV, I congratulate Jae and Ron on their well-deserved new roles, and I look forward to working with them in making this new structure a seamless success. Together, we will achieve great things."

PPDS

Nanolumens Unveils Next Generation of Captivate Series



Designed to support intuitive, dynamic collaboration, the new Captivate makes it easy for participants to share and connect from any device, whether using Windows, Mac, Android or iOS. With built-in wireless functionality, users can present content from anywhere in the room, creating a more inclusive and engaging experience for every attendee. The display integrates seamlessly with major conferencing platforms, including Microsoft Teams, Zoom and Webex, and features built-in audio and control systems to ensure meetings run smoothly right out of the box.

Designed for simplicity, performance and power, the new Captivate is an all-in-one display solution engineered to elevate collaboration across corporate, education and public environments.

Available in three optimised configurations, the latest Captivate Series combines a high-performance display, precision-engineered mount and streamlined remote control into one turnkey unit. By removing the complexity of traditional installations, Captivate delivers plug-and-play simplicity, enabling effortless deployment and immediate impact. The display is offered in three sizes to suit a variety of applications, including a 135" Full HD model ideal for mid-size conference rooms and classrooms, a 165" Full HD version tailored for larger collaboration spaces and executive boardrooms and an 162" Ultra HD 4K display that offers immersive resolution for high-end environments.

Expanding the collaboration potential of Captivate, Nanolumens has partnered with AUO Display Plus' DisplayNote to integrate Montage, a powerful wireless screen sharing solution. Montage allows users to share content from any device, whether on Windows, Mac, Android or iOS, and supports screen sharing across different networks. Montage enables presenters to broadcast content to multiple participants, control shared content directly from the display through touchback capabilities and manage user access with intuitive moderator controls. Montage offers the flexibility of local connectivity, allowing users to present even without internet access. The features of Captivate paired with Montage make it an ideal choice for hybrid teams, active classrooms and modern meeting environments seeking powerful yet intuitive collaboration tools.

Nanolumens/Captivate

Ashton Bentley by Kramer Simplifies Meeting Room AV



Ashton Bentley, a Kramer-owned innovator of advanced integrated meeting room technology, is continuing its commitment to delivering complete meeting room solutions to businesses around the world, with the latest X-Range family offering comprehensive USB-C-based connectivity solutions for meeting spaces.

The X-Range showcases the power of collaborative innovation and further verifies the value of cross-pollination among Kramer's carefully curated global portfolio of brands. With a single USB-C connection delivering charging, video, audio, USB, and networking, the X-Range portfolio solves one of today's biggest meeting room pain points: complex, inconsistent BYOD experiences.

Flexible, Scalable, and Driver-Free

The X-Range portfolio includes multiple kits to support diverse room types — from huddle spaces to boardrooms — while maintaining fast installation, uncompressed 4K60 video, and remote or in-room device control.

X-Range products are fully compatible with both Mac and Windows without the need for drivers or additional software. Installation is straightforward, with smart web-based

configuration and out-of-the-box functionality — reducing deployment timescales and minimising AV/IT support.

Products in the Range Include:

- **BX Kit** – A USB-C breakout hub with 100W charging, 4K60 video, USB/data, and gigabit networking over a single locking USB-C cable.
- **VX Kit** – Combines USB-C and HDMI inputs with automatic source switching, ideal for Microsoft Teams Room configurations.
- **TX2/DX2 Kit** – A two-box room system that replaces traditional AV racks, enabling smart USB switching and device control via web-based GUI.
- **UX Smart Switch** – Intelligent USB switching between room PCs and laptops, perfect for BYOD environments.

Accessories, including retractors, tableboxes, and OLED touch panels, enhance installation and user experience.

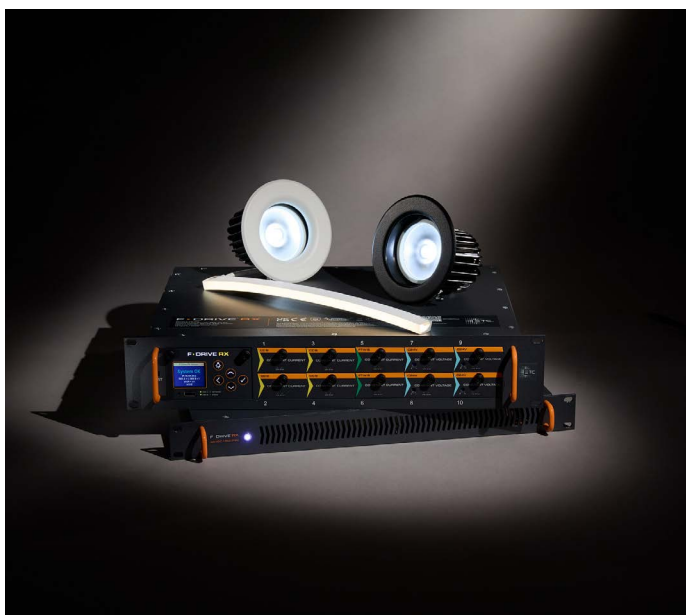
Engineered for AV/IT, Designed for People

Built for professional environments, X-Range products feature robust locking connections, uncompressed 4K 60Hz video transmission, dynamic USB power management, and optional intelligent USB switching between room PC and BYOD devices. The result is reliable performance and control that keeps meetings productive.

The X-Range is available now through authorised [Kramer](#) and Ashton Bentley distributors.

[Ashton Bentley/AV Technology](#)

ETC Expands Architectural Lighting Ecosystem with New Fixture, Driver, and Control Solutions

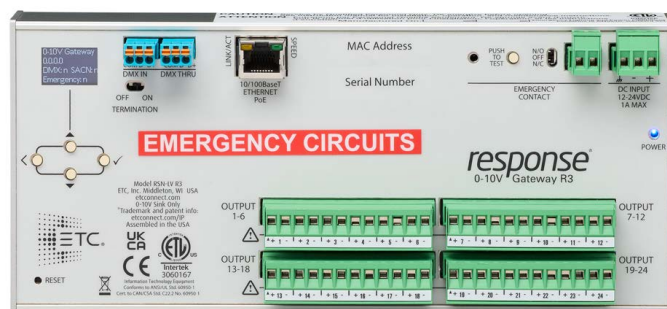


F-Drive-RX with Navis 50.

ETC has expanded its architectural lighting portfolio with three new products designed to work across the fixture, driver, and control layers of an installation. The Navis 50 luminaire, F-Drive RX centralised LED driver, and Response 0-10V Gateway R3 offer specifiers, integrators, and facility managers new options for building scalable and serviceable systems.

The **Navis 50** is a compact 2-inch aperture luminaire delivering up to 600 lumens. It offers multiple beam angle options (15°, 25°, 40°, and 60°), fixed white color temperatures ranging from 2700 K to 5000 K, and a Fade to Warm variant at 3000 K. Rated for damp locations and designed to deliver 90+ CRI, the Navis 50 provides architectural lighting solutions for offices, hotels, and hospitality spaces. The luminaire is engineered to work exclusively with ETC's F-Drive RX.

The **F-Drive RX** is a 2U rack-mounted LED driver system capable of powering and controlling up to 240 Navis fixtures or other compatible LEDs via low-voltage Cat6 cabling. Supporting both constant current and constant voltage loads, the system uses DMX or sACN for control and features 10 hot-swappable output cards. Output capacity is 2800 W, supported by a separate 1U power supply available in 1800 W and 2800 W versions. UL 924 compliance enables integration with emergency lighting systems.



For projects requiring 0-10 V integration, the **Response 0-10V Gateway R3** adds enhanced isolation across all 24 sink control channels. The DIN-rail-mounted device accepts both DMX and sACN inputs, with user-definable signal precedence and customizable dimming curves. It is UL 924 listed for use with directly controlled emergency luminaires and includes a "Push to Test" function for verification.

By covering the luminaire, driver, and control layers of a project, the Navis 50, F-Drive RX, and Response 0-10V Gateway R3 create a complete framework for building scalable, serviceable, and reliable lighting systems across commercial and hospitality environments.

Unilumin UsurfaceIII Pro Sets a Higher Standard in Fire Safety for Outdoor LED



Advanced Thermal Management

The UsurfaceIII Pro also tackles the root causes of overheating with a **dual-voltage common cathode circuit design and dual-side potted modules**. This engineering **reduces power consumption by over 50%** and ensures heat is evenly dissipated across the display surface.

Lower operating temperatures mean fewer chances of electrical

Outdoor LED display fires have long been a critical concern within the industry, where the combination of high power, complex electronics, and challenging environments can create potential risks. Unilumin's UsurfaceIII Pro series addresses this challenge head-on—embedding fire prevention into its design from the very start, rather than treating it as a secondary feature.

Fire-Resistant Cabinet Design—Safety in Every Detail

The UsurfaceIII Pro is engineered with a robust aluminium alloy frame paired with a high-quality flame-retardant plastic bottom shell—a deliberate choice that balances strength, weight, and safety. Unlike ordinary plastics used in many low-cost outdoor displays, which can quickly fuel a fire once ignited, our materials meet the UL 94-V0 flame-retardant standard, meaning they are designed to self-extinguish and resist flame spread. This advanced material selection, combined with Unilumin's precision engineering, helps ensure that even in the rare event of ignition, the display can effectively limit combustion and protect surrounding property.

faults and ignition, even under extreme outdoor conditions.

Protection Beyond Fire Safety

In addition to its fire-resistant design, the UsurfaceIII Pro meets **IP69K-rated weatherproofing**—the brilliant protection grade for outdoor electronics—offering resilience against torrential rain, coastal salt spray, and high-pressure cleaning. Its corrosion-resistant components ensure stability in climates ranging from -40°C to 60°C.

A Safer Choice for Urban Environments

For decision-makers responsible for high-visibility public displays, the choice is clear: selecting a product without proven fire safety credentials is a risk no business can afford. The UsurfaceIII Pro offers not only market-leading visual performance—10,000 nits brightness, 16,000:1 contrast, and ultra-wide 160° viewing angles—but also peace of mind that it meets the highest standards of safety and durability.

Unilumin/UsurfaceIII

Command and Control Centres: Real-Time Decision Making and Operational Efficiency

Scalable, secure, and ergonomic solutions that empower stakeholders of Command and Control centres



Depiction of a futuristic Command and Control Centre

In today's increasingly data-driven world, the ability to monitor, analyse, and act in real time has become a strategic imperative. Nowhere is this more evident than in Command and Control Centres — the nerve centres of critical operations spanning emergency services, defence, transportation, energy, and corporate sectors.

These environments are no longer confined to government or military domains. With digital transformation reshaping industries, even private enterprises, from financial institutions to global sporting teams, are investing in advanced control room setups to gain a competitive edge. The common goal: ensuring that decision-makers have the right information, in the right format, at the right time.

To understand how technology providers are addressing these evolving needs, we spoke with representatives from four leading manufacturers in this space:

- Michael Austin, Director of Channel Management, APAC, Japan, Datapath
- János Czupy, Managing Director, DEXON Systems
- Robin Sim, Managing Director Asia Pacific, Guntermann & Drunck
- Terence Teng, CEO / Managing Director, IHSE GmbH Asia Pacific Pte Ltd

Together, they offer insights into how their solutions enhance situational awareness, integrate complex data, support operational efficiency, and remain scalable for the future —

all while keeping the operator at the heart of the system.

Enhancing Real-Time Situational Awareness

Mission-critical environments demand absolute clarity and reliability. The ability to see and respond instantly can mean the difference between smooth operations and catastrophic failures.



For Datapath, this requirement is driving growth far beyond traditional verticals. “The Control Room market has broadened considerably in the last few years,” explains **Michael Austin**. “Traditionally, control

rooms served industries like power generation, utilities, transport, telecoms, and defence. But as data generation and delivery have increased exponentially, demand now spans diverse sectors – from motor racing teams monitoring telemetry to oceanography vessels combining scientific data. Our Aetria solution was built from the ground up to meet these needs. It is scalable, secure, and reliable, ensuring operators across industries can respond in real time.”



DEXON Systems takes a content-centric approach. “Our DXN video wall controllers enable real-time display of Windows 11 or Server 2022 applications alongside live video

from multiple inputs,” says **János Czupy**. “This allows operators to visualise critical data on a single, large-format wall. The result is centralised situational awareness that reduces response time and supports fast, accurate decision-making, even in the most demanding environments.”



For Guntermann & Drunk (G&D), operator access is paramount. “Our KVM systems give operators instant, latency-free access to all relevant systems, from any workstation,” notes **Robin**

Sim. “By separating users from hardware, we create interference-free environments where concentration remains on the task at hand. When every second counts, that clarity ensures well-informed decisions.”



Similarly, IHSE GmbH designs for speed and precision. “Our high-performance extenders and matrix switches deliver uncompressed video with near-zero latency,” comments

Terence Teng. “This ensures operators see accurate visual data and can switch between sources instantly, achieving full situational awareness without delays or bottlenecks.”

Integrating Complex Data Streams into a Unified View

The sheer variety of data streams in modern operations is staggering. From live video feeds and SCADA systems to mapping tools, analytics, and communications platforms, the challenge lies in bringing them all together into a single operational picture.

DEXON Systems responds with compatibility and flexibility. “Our controllers handle everything from 4K60 HDMI and SDI to legacy analogue inputs,” explains János. “Operators can combine live feeds, office applications, SCADA, and web content in one workspace. Our intuitive graphical interface supports drag-and-drop windowing, multilingual operation, and secure hierarchical access, enabling clear, centralised views tailored to specific workflows.”

For G&D, integration is about simplifying complexity. “Our systems act as central hubs where video, sensor data, analytics, and communication streams converge,” says Robin. “With multiviewing and flexible workstation switching, operators can arrange and monitor multiple channels simultaneously. This consolidated view makes complex situations easier to manage and accelerates response.”

IHSE, meanwhile, focuses on hybrid environments. “Our solutions support a wide range of formats — digital, analog, surveillance, mapping, communications, analytics — all accessed from central workstations or video walls,” Terence explains. “Through multiview and custom layouts, operators can reduce the need for multiple monitors, simplifying monitoring while maintaining operational depth.”

Datapath sees this as both a technical and human challenge. “Data needs to reach the right people at the right time,” Michael emphasises. “We’re investing in technologies like KVM combined with AV-over-IP distribution to streamline workflows. But equally important are ergonomics and human factors. Operators must see the right content in the right format, or the value of data is lost.”

Real-World Deployments: Efficiency in Action

The value of Command & Control solutions is best demonstrated in the field. Confidentiality often restricts project disclosure. Regardless, the manufacturers offer an overview of some of the projects.

G&D has carved a strong niche in the maritime sector. “Our KVM systems are certified to IEC60945 standards and deployed across cruise ships, FPSOs, and patrol vessels,” shares Robin. “On Marine Police Patrol Vessels in Asia, our redundant matrix networks integrate navigation, radar, surveillance, communications, and management systems. Operators can

switch displays instantly across multiple decks, maintaining real-time awareness and efficiency, even in harsh sea conditions.”

For Datapath, Michael points to a significant case: “We recently equipped an Emergency Operations Centre in one of the largest US counties. While details remain classified, the role of our Aetria platform was critical in streamlining real-time information flow. On the corporate side, BetFred — one of the world’s largest online bookmakers — adopted Aetria for messaging and signage at its global HQ, enhancing operational communication.”

DEXON Systems technologies power mission-critical environments worldwide. “Our solutions are deployed across police control rooms in Manchester, Budapest, and Taizhou, as well as in emergency response centres and utility operations,” highlights János. “One public example is the Seoul Metropolitan Subway Control Room, where our video wall controllers manage live feeds for nearly four million daily passengers. The system ensures efficiency and passenger safety in one of the busiest metro networks globally.”

For IHSE, deployments are equally mission-critical. “We implemented our KVM matrix in a national emergency response centre in Southeast Asia,” recalls Terence. “By centralising access to surveillance, GIS mapping, and communications, we streamlined multi-agency coordination. During crisis drills, response times dropped significantly, proving the value of shared visualisation and operator-focused workflows.”

Scalability and Future-Readiness in the Age of AI and IoT

As AI, IoT, and remote operations reshape the landscape, scalability has become a defining factor.

Datapath addresses this with network innovation. “Our world-first technology allows



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DXN6000 Video Wall Controllers

- Control of **4x4** to **144x72** **multi-screen** video walls
- Display of Windows 11 **graphics desktop** and **real-time** video overlays
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Ideal for **multi-user environments** in **industrial, traffic, and security control rooms, mission-critical projects, network operation centers, transportation hubs, and large-scale LED displays** in both public and private sectors.

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optimum quality video to be shared over 1Gb and 10Gb networks simultaneously,” explains Michael. “A 4K source can be delivered as both 4K and HD across different networks without latency. This ensures control rooms can scale seamlessly, maintaining security and performance.”

DEXON Systems builds for longevity and adaptability. “Our modular architecture allows flexible I/O configurations that can expand as needs grow,” says János. “With redundant power supplies and robust design, our products have a lifecycle of over 10 years. Remote operations are supported through full KVM control and LAN-based workstation management, ensuring future readiness.”

For G&D, future-readiness is about resilience and integration. “KVM is no longer just hardware,” notes Robin. “It is the strategic bridge between operators and their technologies. By eliminating single points of failure and supporting AI, IoT, and remote assets, we ensure scalability without compromising resilience.”

IHSE echoes this with a focus on hybrid modularity. “Our systems combine IP and proprietary KVM to deliver flexible, future-proof environments,” says Terence. “They are built to evolve with AI-driven analytics and cybersecurity demands, ensuring long-term investment protection.”

Ergonomics and Reducing Operator Cognitive Load

Technology is only as effective as the people who use it. In high-pressure environments, poor ergonomics or confusing interfaces can lead to mistakes.

DEXON focuses on streamlined interfaces. “Operators can connect via local software or secure web browsers,” says János. “Live previews, predefined layouts, scenario sequencing, and multilingual support reduce

workload and help maintain focus during critical events.”

For G&D, the goal is to keep operators focused on decisions, not systems. “Features like CrossDisplay-Switching and ergonomic workstation design ensure operators remain clear-headed under stress,” notes Robin. “We simplify interfaces so the mind stays free for quick, precise choices.”

IHSE also designs with the operator in mind. “Our intuitive OSD, instant switching, and touch-screen compatibility cut down on visual clutter,” Terence explains. “By reducing fatigue and streamlining access, we enable staff to concentrate fully on critical decision-making.”

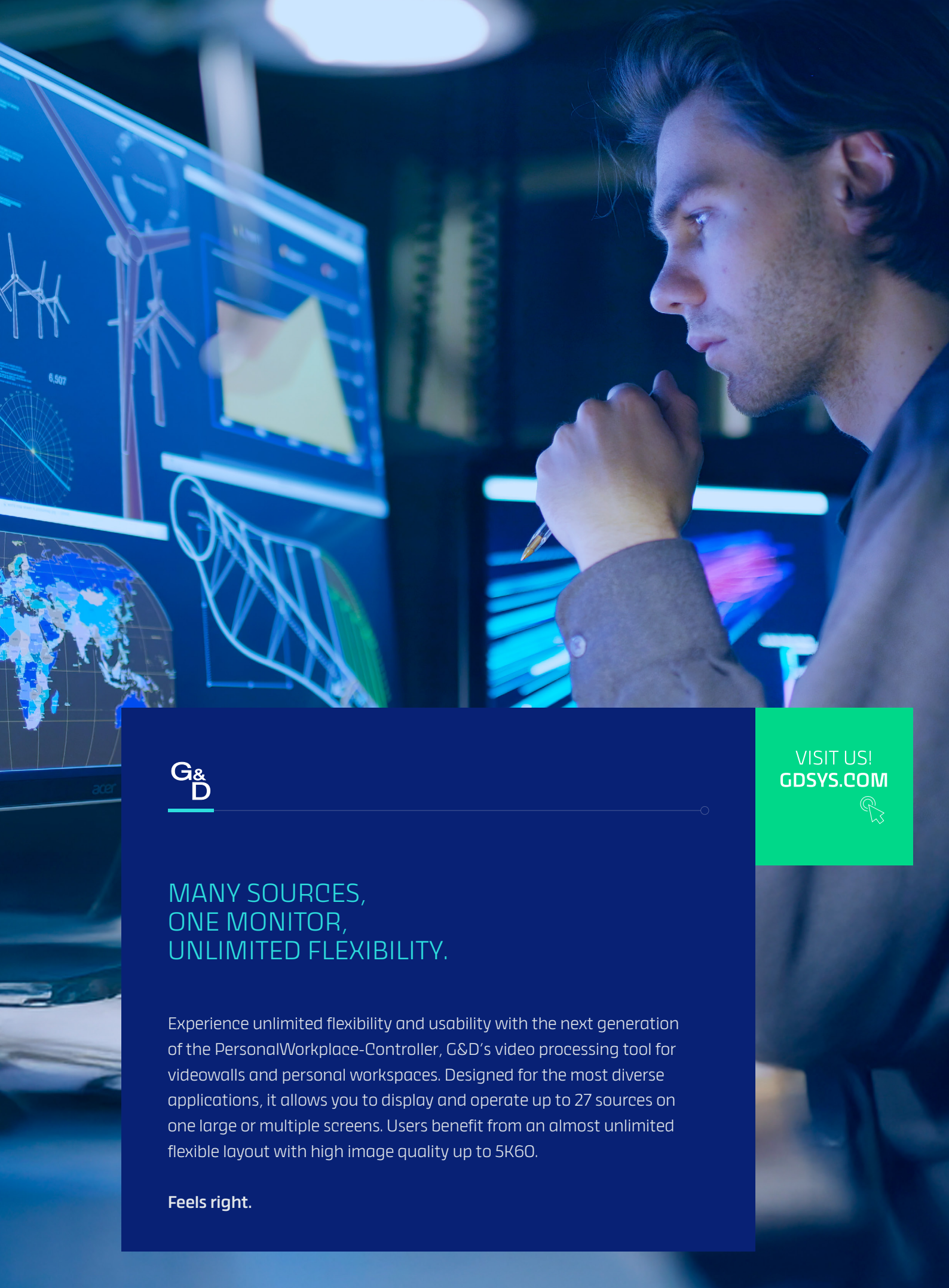
Datapath addresses this with simplicity of design. “Our Aetria interface is designed for one-touch operation,” comments Michael. “With Aetria Touch, operators can manage content via touch panels, while our events engine enables third-party systems — like lighting or access control — to trigger automatic changes in emergencies.”

The Future of Mission-Critical Control

As these manufacturers illustrate, modern Command & Control Centres are far more than technology stacks. They are ecosystems of data, human interaction, and operational strategy. The emphasis is shifting towards scalable, secure, and ergonomic solutions that empower operators to make faster, better-informed decisions.

From Datapath’s Aetria platform to DEXON’s video wall controllers, G&D’s KVM networks, and IHSE’s modular hybrid systems, the industry is pushing boundaries in pursuit of real-time decision-making and operational efficiency.

In a world where every second matters, these innovations are ensuring that mission-critical environments are not just keeping pace — but staying ahead.



G&D

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MANY SOURCES, ONE MONITOR, UNLIMITED FLEXIBILITY.

Experience unlimited flexibility and usability with the next generation of the PersonalWorkplace-Controller, G&D's video processing tool for videowalls and personal workspaces. Designed for the most diverse applications, it allows you to display and operate up to 27 sources on one large or multiple screens. Users benefit from an almost unlimited flexible layout with high image quality up to 5K60.

Feels right.

Command & Control Solutions



The **DEXON DXN video wall controller** family delivers high-performance, modular solutions designed for the most demanding Command & Control environments. Available in multiple rack-mount sizes (4U, 7U, or 14U), these systems offer seamless integration of Windows 11 desktops, live video overlays, and remote workstation screens — all in real-time 4K60 quality with unlimited scaling.

Their feature-rich board set supports modular configurations ranging from 4x4 to 32x16, 32x32, and even 144x72, enabling tailor-made solutions for projects of any scale. Advanced capabilities include Picture-in-Picture with 2, 4, 8, 16, or 32 live video inputs, audio matrix switching, full HDCP and EDID compliance, and flexible control via local software or secure web access.

With redundant power supplies, robust mechanics, and a product lifecycle exceeding 10 years, the DXN family is built for continuous 24/7 operation across applications from police and emergency response centres to transportation hubs, utilities, and corporate security centres.

DEXON Systems



In partnership with their sister company VuWall, G&D launched **VisionVS**, a compact hybrid solution that brings together high-performance KVM control and advanced video wall visualization in one device. It is designed to meet the growing demands of modern control rooms by making system integration easier, reducing hardware complexity, and improving day-to-day efficiency. VisionVS bridges two traditionally separate systems - KVM operations and video wall management - allowing operators to manage all sources and displays seamlessly from a single

integrated platform. By delivering two simultaneous video streams, it ensures critical content can be shared in real time across workstations, video walls, and even remote locations,

all with exceptional image quality and minimal delay.

This approach not only streamlines workflows, but also reduces the amount of equipment, cabling, and maintenance needed. As a result, operators benefit from a more agile and responsive working environment, while system integrators can deploy solutions faster and with less complexity.

Guntermann & Drunck (G&D)



Datapath's **Aetria** solution is purposely designed to be scalable for any purpose – from smaller monitoring offices to large government and national defence control rooms. To meet the demand for small and medium-sized operations where space is a premium, Datapath will be showcasing its latest VSNMini 300 processor in Mumbai. Booth visitors will be

able to get hands on and explore the Personal Video Wall controller, which provides modern aesthetics with industrial grade components that customers require.

Whether its managing video sources in a control room, or multi-signage corporate or public venue messaging, the VSNMini 300 is designed to handle its requirements with ease while being a physically unobtrusive component to any AV system. Ideal for small to medium sized applications, the VSNMini 300 supports the latest standards including 12th Generation Intel Processors (i9, i7, i5) and NVMe (M.2) SSD storage for maximum performance. Graphics and capture capabilities are provided via three PCIe slots that can be configured as required with Datapath's Image graphics, Vision capture, and ActiveSX IP decode/encode cards.

Datapath



IHSE's latest product generation, **Draco XStreme**, is specifically designed for modern command & control environments. These solutions support high-resolution video transmission up to 4K at 60Hz over 1 Gbit/s and 8K at 30Hz over 3 Gbit/s, delivering crystal-clear images with zero latency. In addition to

video, they seamlessly handle USB HID, serial data transmission and audio, via fiber optic or Cat X cables. A key feature is the field-upgradeable redundancy system which ensures uninterrupted, 24/7 operation—providing customers with reliable, seamless control in critical environments.

IHSE

SINGAPORE

Ayrton Eurus and Huracán Profiles Enrich Visuals of Hope Church

Total Solution Marketing equips Hope Church Singapore with Ayrton solutions to elevate lighting versatility and impact across worship services and events



When Hope Church in Singapore wanted to add to its lighting stock, the church returned once again to Ayrton products, purchasing a consignment of Ayrton Eurus and Huracán Profiles to increase its existing inventory of Eurus Profile and Ghibli fixtures.

Purchased through Ayrton's exclusive distributor for Singapore, **Total Solution Marketing (TSM)**, Hope Church Lights Team

explained why the Ayrton fixtures were their go-to choice: "We already have a great relationship with both Ayrton and TSM who have always offered excellent post-sales service and technical support, and we find Ayrton fixtures to be both highly versatile and very reliable," they said.

"Ayrton fixtures offer precise and reliable positioning across the models we use in our

FACT FILE
Project Name: Hope Church
Project Location: Singapore
Project Segment: House of Worship
Systems Designers and Integrators: Total Solution Marketing
AV Highlight: To expand existing lighting inventory for worship services and events in a 1,400-seater auditorium
Key AV Brand: Ayrton

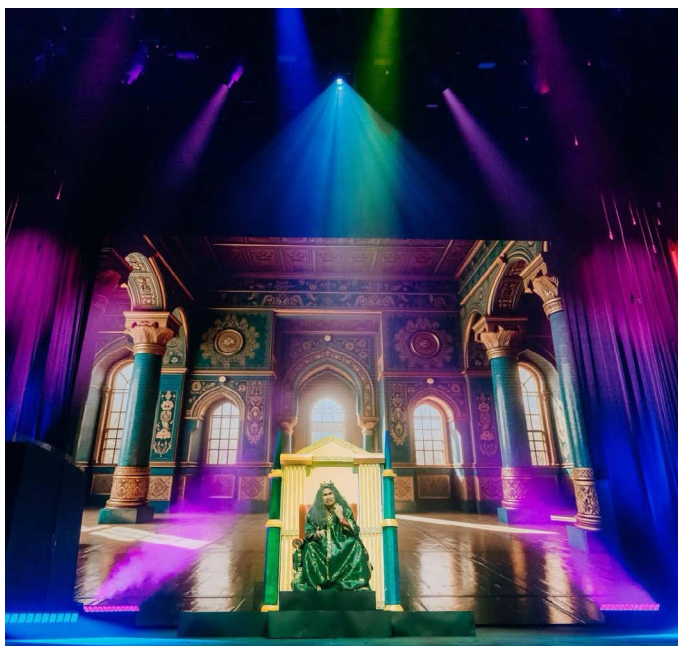
church, and their fast, smooth movement, especially when triggered through position palettes, has significantly improved our workflow. The strong beam output of both Eurux and Huracán Profiles has helped us achieve our artistic vision with greater impact. Additionally, the consistent colour mixing technology across different models complements our lighting console's built-in effects engine, allowing us to create dynamic, polished lighting designs. This synergy enables us to craft a wide variety of lighting states and bring a fresh, engaging look to each service."

In addition to regular worship services, Hope Church Singapore hosts a variety of events at its fourteen hundred [1400] seater auditorium, so versatility and flexibility are key to the right fixture choices. "We first purchased the Eurux

Profile in 2021, adding to that stock a couple of years later and once again in this latest investment, choosing to complement them this time with Huracán Profiles," explained the Hope Church Lights team.

"We find the Huracán Profile to be an exceptionally versatile fixture, offering an extensive gobo selection, powerful light output, and a broad beam range. It has been instrumental in enhancing our church lighting designs, particularly in adding rich textures and colours to side walls for immersive atmospheric effects. We especially value its flexibility, from creating stage washes to producing tight spots, along with both light and heavy frost options. The ability to maintain strong visual effects, even with coloured outputs, has truly elevated the creative possibilities of our lighting setup."





Hope Church Lights Team went on to explain why Ayrton fixtures are the best suited to meet their church's lighting needs. "We've found that some of the most useful features of both the Eurus and the Huracán Profiles are the gobo scroll, animation wheel, prism, and framing shutters. Feedback from visiting LDs on the prism and animation effects has also been very positive. We love the consistency in gobo patterns across Ayrton fixtures, which allows for cohesive and creative designs! The strong and crisp beams and the intricate designs and patterns using the gobos provided across the fixtures allow us to enhance the visual atmosphere for our weekly services.

"Ayrton fixtures are also impressively well-built, with a robust housing that reflects high-quality engineering. The integrated water-cooling contributes to the fixture's overall stability and ensures long-term durability, and minimal fan noise is an additional bonus.

"Our new Eurus and Huracán Profiles have significantly expanded our creative possibilities, allowing for a wider range of programming and design across various lighting states. Whether it's for a song presentation, dance segment, or

our weekly praise and worship services, these features have greatly enriched the visual impact and versatility of our lighting designs."

Vijay Thaygarajoo, Ayrton Regional Sales Manager, added, "We're honoured by Hope Church in their confidence in choosing to add the Ayrton Huracan Profile and Eurus to their lighting inventory, and by doing so, to continue to push creative boundaries and embrace technology that elevates both the visual experience and emotional connection of their productions."

"We are very glad the Eurus Profiles have fitted in so well to the regular services and many other key events for the Church over the past years," commented Ming Hee, TSM's Director of Strategic Business Partnership. "It is important for us as a company to hear Hope Church Lights Team's vision for this venue, and this purchase is evidence of the healthy partnership that exists between us, and proof that Ayrton continue to offer products that are consistent and feature-rich. TSM will continue to support Hope Church to achieve higher grounds in their production."

Ayrton

SINGAPORE

TUX Bar & Lounge at Carlton Hotel Singapore Exudes Sophistication and Ambient Charm

Ecler Audio Solutions Deliver Seamless Sound for an Elevated Guest Experience



TUX Bar and Lounge.

TUX Bar & Lounge at Carlton Hotel Singapore recently unveiled a refreshed look following a comprehensive renovation completed in September last year. The revamp included the addition of a private room and an outdoor refreshment area, creating a multi-zoned venue designed for both comfort and style. Beyond visual upgrades, a key part of the transformation was an enhanced sound system to elevate the bar's overall ambience.



The private room featuring just one Ecler IC6.

FACT FILE

Project Name: TUX Bar & Lounge

Project Location: Singapore

Project Segment: Hospitality

Systems Designers and Integrators: Control Logic Systems (now part of Ideal Systems SEA)

AV Highlight: To provide balanced audio coverage to complement the ambiance.

Key AV Brand: Ecler



The Ecler VID-24Q digital 4-channel DSP amplifier and the HUB1408.

Driving the system is an Ecler VID-24Q digital 4-channel DSP amplifier, integrated with an Ecler HUB1408 for zone-based audio control. The venue is essentially divided into three distinct zones—indoor, private room, and outdoor—allowing staff to adjust volume levels independently for each area, ensuring a tailored listening experience for guests.

The audio solution was designed and supplied by **David Seow of Control Logic Systems** (now part of Ideal Systems SEA). “We integrated the loudspeakers with an interface system that sat on top of the building’s Fire PA/EVC to allow emergency announcements to override the audio, without the need to re-cable the space. This approach met safety regulations while preserving the venue’s structure,” he explained.

David explained that the Ecler IC6 speakers were ideal for the indoor space, offering an unobtrusive presence while delivering the punch and clarity needed for background music. “The outdoor area presented a slightly different challenge due to traffic noise and the open environment. Nevertheless, the NIMBOs performed perfectly and met the bar’s objectives,” he said.

Agreeing with David, **Joseph Tham, Director of Engineering at Carlton Hotel Singapore** highlights, “The indoor concept of the Tux Bar is centred around relaxed conversations in an intimate atmosphere. The Ecler speakers provide ambient background music that sets the tone without disrupting the flow of dialogue. Their subtle design fits perfectly with the bar’s aesthetic, while the sound quality has been well appreciated by our guests.”

Though compact, the private room setup—featuring just a single IC6 speaker—delivers just the right level of sound. “It’s an intimate space for small private gatherings, and the speaker complements it beautifully without overwhelming the environment,” Joseph added.

Outdoors, the eye-catching Ecler NIMBO speakers are both a design highlight and an acoustic asset. Their unique figure-eight shape adds a modern flair, while their sound output creates a harmonious balance, masking nearby



The Ecler NIMBO speakers outdoors.

traffic noise while extending the bar's inviting vibe to the outside.

"The look of the NIMBOs definitely caught our eye, but more importantly, they perform remarkably well," said Joseph. "They provide background music that is immersive without being intrusive, and they hold their own even against the buzz of the nearby road."

David adds, "The Nimbo 14 performs remarkably well with deep rich low frequencies without the need for subwoofers. It surprised everyone looking at the size of the speakers." The Nimbos, even without a subwoofer, did not compromise on the sound.

Due to structural limitations, the outdoor speakers couldn't be permanently mounted with screws. Instead, installers used special ties to securely fasten them in place. "We had to



Special ties were used to fasten the speakers.



(L-R) David Seow with Joseph Tham.

ensure stability, especially considering vibration from playback. Safety was paramount, and we didn't want any risk to our guests," Joseph noted.

Since opening, the TUX Bar & Lounge has received glowing feedback from guests, not just for its refreshed look and inviting atmosphere, but also for the balanced, high-quality sound that enhances the experience, whether indoors or out.

Ecler

Ideal Systems

SAUDI ARABIA

Shangri-La Jeddah Elevates Luxury Experience with HARMAN

HAV installs comprehensive audio Solutions from JBL, Crown, Soundcraft, and BSS in new waterfront hotel



Kaia Club Exterior.

Anchored on the new Jeddah Waterfront along the shores of the Red Sea, Shangri-La Jeddah sets a new standard for luxury in the city. Floor-to-ceiling windows throughout the hotel invite the outdoors in, and the stylish interiors reflect the endless blue of the sea and sandy beaches right outside. To support a world-class guest experience with the latest technology, the hotel turned to **Halwani Audio Visual (HAV)** to bring their vision to life with a suite of cutting-edge solutions. HAV was approached directly by the hotel owner to meet the required standards.

Shangri-La Jeddah worked closely with HAV, the exclusive distributor of HARMAN Professional Solutions in Saudi Arabia, to outfit the hotel with a comprehensive audio solution consisting of JBL Professional speakers, Crown amplifiers, Soundcraft mixing consoles, and BSS signal processors and network devices. The project involved fitting the audio solution for the restaurants, ballroom, hotel suites, VIP rooms, and the hotel lobby. This included six top niche restaurants and one of the most luxurious ballrooms in Jeddah overlooking the Red Sea.

FACT FILE

Project Name: Shangri-La Jeddah

Project Location: Jeddah, Saudi Arabia

Project Segment: Hospitality

AV Highlight: To integrate audio and lighting solutions and deliver immersive, high-quality experiences across diverse spaces

Key AV Brand: JBL, Crown, Soundcraft, and BSS



Horizon Suite - Sea View.

Shangri-La Main Ballroom, with some of the city's most extensive and versatile event spaces, is a popular venue for weddings and social events. HAV provided an extensive integrated audio and lighting solution, making the ballroom one of the best of its kind on the Red Sea. A total of 96 JBL Control 300 Series Ceiling Speakers were installed in the ceiling, including a combination of 12" Control 322C Main and Control 312CS subs powered by Crown XLS DriveCore Amplifiers, with DSP and matrixing handled by BSS. The ballroom can be split into three sections or used as one, using multiple orientations in the process. For each stage area, the JBL Point Source AE Expansion series was used as L&R speakers. The ballroom was acoustically treated with the help of JOCAVI, all simulated in the design stage.



Niyyali Restaurant.

The Capo front lobby, an exquisite boutique patisserie showcasing the fine art of coffee and chocolate pairing, features Line Array CBT 70J-1 with Control C26T ceiling speakers for the indoor area and AWC 62 for the outdoor terrace. Crown Drive Core high-performance amplifiers and BSS Digital Signal Processing are used for control and zone management.

Niyyali Restaurant, overlooking the Red Sea and the Jeddah Corniche Circuit, offers breathtaking views. HAV provided an integrated audio solution comprising JBL Control 28-1L, Control C26T, Control 19CS, DriveCore Crown amplifiers, and BSS Digital Signal Processing for control and zone management. The venue is known for its good vibes, open-air terrace, and exciting nighttime atmosphere.



Hotel Exterior Day Shot.



Waterfront Kitchen Restaurant.

Kaia Club features an all-weather DJ-ready solution, consisting of JBL Control 31WH with marine grills as main speakers, AWC 15LF for sub-bass, supported by JBL Control 28-1L with SS grills for surrounding delays. dbx ZonePro digital signal processors and Crown DriveCore high-performance amplifiers complete the setup. Additionally, a Pioneer DJ solution was provided.

Waterfront Kitchen, a culinary adventure venue, allows guests to settle in the bow and gaze out across the glittering Red Sea. HAV provided an aesthetically blended signature audio system, with JBL CRV speakers formed into a complete circle simulating a lifebuoy and distributed under the fishnet ceiling. Sub-bass was handled by JBL Control 19CS hidden in the ceiling. BSS Digital Signal Processing was used for control and zone management, with Crown XLS DriveCore amplifiers.

“We are thrilled to have partnered with Shangri-La Jeddah to deliver an unparalleled audio experience. HARMAN’s products allowed us to integrate a sophisticated audio system that

complements the luxurious atmosphere of the hotel,” said Bassam Halwani, CEO of HAV. “The JBL speakers, Crown amplifiers, and BSS signal processors have significantly elevated the guest experience by providing clear, high-quality sound throughout the hotel. This project has set a new benchmark for audio excellence in the hospitality industry.”

Despite initial setbacks with the previous integrator, HAV’s expertise and the unwavering support from HARMAN ensured the successful completion of the project. Shangri-La Jeddah expressed immense satisfaction with the audio solution provided, recognising HAV for their exceptional work and indicating a willingness to collaborate on future projects.

Shangri-La Jeddah’s integration of HARMAN’s solutions not only enhances the guest experience but also sets a new standard for luxury in the hospitality industry. The project stands as a testament to the commitment to creating smart, innovative experiences.

HARMAN Professional

DUBAI

INFiLED Powers World's Largest Digital Display at Dubai Fountain

MVmk2 Series panels and Blue Rhine Industries transform the Dubai Fountain promenade with the world's longest LED display, preserving the site's iconic atmosphere during renovations



Set against the iconic Burj Khalifa backdrop, the Dubai Fountain Boardwalk is a must-see experience for any tourists visiting the Emirati city. When the decision was made for the fountain to undergo major renovations, developer Emaar sought to ensure the area's unique atmosphere remained uninterrupted during the six-month construction period.

Working closely with Dubai-based system integrator Blue Rhine Industries, INFiLED was

tasked with providing a high-impact solution to maintain engagement at one of the city's most visited tourist sites.

Record-Breaking LED Installation in Dubai

Delivering one of the region's most ambitious AV installations, INFiLED, a global leader in LED display solutions, transformed the iconic Dubai Fountain promenade into a breathtaking digital experience.

FACT FILE

Project Name: Dubai Fountain Boardwalk

Project Location: Dubai, United Arab Emirates

Project Segment: Tourism

AV Highlight: To transform a six-month construction into a 440m LED display while maintaining the iconic atmosphere of the site

Key AV Brand: INFiLED

Spanning an unprecedented 440 metres in length and standing three metres high, the temporary LED display is now the longest digital screen in the world – and it was designed, manufactured, and installed in under 60 days.

“This is probably the most interesting project we’ve done in a long time,” said John Joseph, Director of Blue Rhine Industries. “A digital hoarding of almost half a kilometre long isn’t something you hear about every day.”

Technology Tailored for Harsh Environments

The massive outdoor installation comprises over 1,254m² of INFiLED’s 3.9mm-pixel-pitch MVmk2 Series LED panels, featuring more than 80 million pixels.

Engineered specifically for the Middle East’s demanding climate, the MVmk2 Series is IP65-rated, fanless, and optimised for low power consumption in high-temperature and high-humidity environments.

“The MVmk2 Series is a robust, future-ready platform,” said Samer Otaibi, INFiLED’s Vice President of Sales for the Middle East. “We’ve already installed over 15,000m² of the MVmk2 Series across the region in the last 4–5 years.

For this project, we used our second-generation model, which eliminates the need for active cooling – a significant step forward in terms of sustainability and power usage over the lifespan of the installation.”

From Concept to Completion in 60 Days

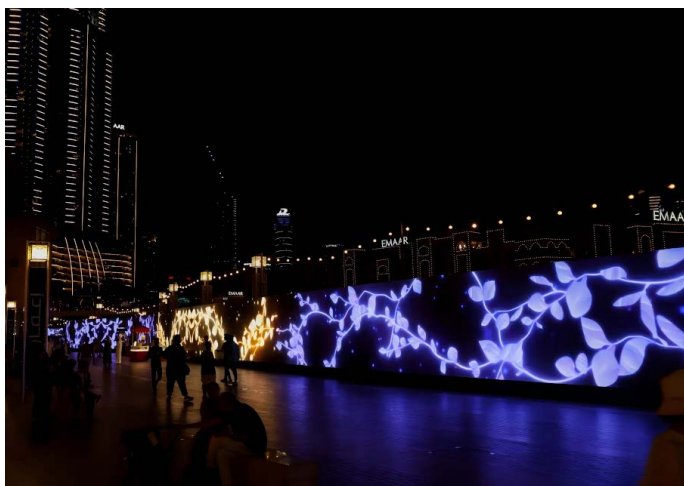
What began as a functional construction hoarding quickly evolved into a landmark digital installation. The idea to go digital came late in the planning stages when Emaar recognised the potential to transform a barrier into an immersive attraction. That vision soon turned into an all-hands-on-deck sprint to execution.

From the awarding of the contract to project completion, Blue Rhine Industries had just 60 days, spending only half of those on site, to deliver the full turnkey solution, including structural foundations, playback systems, power infrastructure, and the screen itself. INFiLED’s role in the success of the fast-tracked project was critical.

“Given the tight timeline, the production line at our headquarters in China prioritised the order,” Otaibi explained. “We worked at full capacity to deliver the panels within three weeks. Shipments were sent in batches to keep the installation moving at pace – the moment one batch was installed, the next one arrived.”

Precision Engineering and Modular Design

Over 1,000m² of INFiLED panels were transported from Shenzhen directly to Dubai, enabling installation teams to stay on schedule despite logistical challenges and the region’s extreme summer heat. The screen’s curved design – including both concave and convex sections – meant that precision engineering was essential.



To ensure perfect alignment, Blue Rhine Industries' civil contracting division installed 494 custom-cast concrete foundation blocks with sub-centimetre accuracy. These two-tonne blocks formed the base of the structure, which had to withstand high winds and remain entirely freestanding.

"You can't just drop them down randomly," explained Joseph. "Each block had to be craned into place overnight using a cardboard templating system and placed with a tolerance of just 1cm. Once the blocks were in place, the metal structure followed, then the screen. It was like assembling a massive puzzle."

In addition to structural innovation, the temporary nature of the display demanded a modular, non-invasive setup. Every cable, rack and connection was designed for rapid installation and complete removability once the fountain reopens.

Infrastructure and Content Delivery

Eight Blue Rhine Industries teams worked around the clock in multiple shifts to meet the aggressive timeline. Power is delivered by four on-site generators, while content is distributed via fibre optic cabling, synchronised using a SpinetiX CMS and Novastar processing hardware. The playback system includes Intel NUC 13 Pro players, Novastar H15s and

CVT10-S converters, and AJA GEN10 sync generators to maintain flawless timing across the massive display.

The content, designed and provided by a third party, is dynamic and will evolve throughout the project's duration. The installation not only preserves the prestige and ambience of the Dubai Fountain during renovation but also positions digital signage as a key element of destination storytelling.

Looking Ahead: Reuse, Reach, and Recognition

For INFiLED, the project adds to a growing list of high-profile achievements in the Middle East. "We're proud to say this is the longest LED screen in the region," said Otaibi. "It adds to our record of having the biggest indoor and outdoor resolutions in the GCC. But more than the numbers, it's about being part of iconic moments. It's amazing to see our technology become part of the Dubai Mall experience."

As demand grows for immersive, experiential AV across the Middle East, INFiLED continues to lead in innovation and execution. Its **MVmk2 Series** panels, now widely deployed throughout the GCC, are helping redefine what's possible for large-format digital installations.

While the project will only remain in place for six months, the panels are intended for reuse at other Emaar properties – extending the lifecycle of the system and showcasing the flexibility of INFiLED's technology.

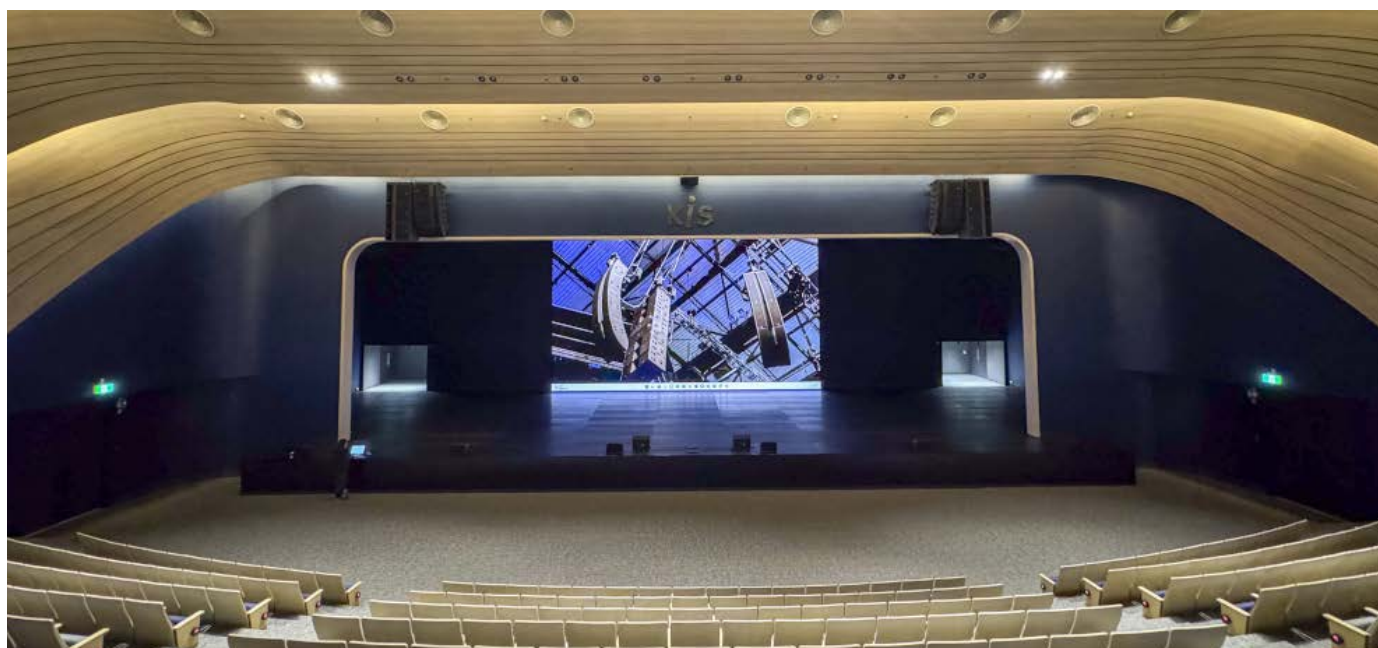
Joseph concluded, "We already knew that the combination of Blue Rhine Industries and INFiLED just works. We've proven it before, and we've proven it again here. The real reward is seeing our people rise to a complex challenge. That kind of commitment is what makes these projects truly special."

INFiLED

THAILAND

KIS International School Reignwood Park Opens with L-Acoustics A Series

Vision One delivers a Milan-AVB networked professional sound system for new auditorium in support of diverse educational programmes



Thailand's KIS International School Reignwood Park is a new purpose-built day and boarding school building on the legacy of its first campus, founded in 1988 in Bangkok. Launched in August, KIS International School's latest campus is situated an hour's drive north of Bangkok, in the Reignwood Park community of Pathum Thani province.

Locally renowned as an established International Baccalaureate (IB) World School, KIS's latest offering boasts innovative and dynamic learning environments for Early Years,

Primary and Secondary school students within its 60-acre premises designed by Rosan Bosch Studio. At the heart of this new campus sits a state-of-the-art 1,000-seat auditorium featuring a proscenium stage, designed to handle everything from daily cohort assemblies and student presentations to full-scale theatrical and musical performances.

The challenge for this multipurpose educational venue was clear: create an audio environment that could seamlessly transition between intimate academic presentations and

FACT FILE
Project Name: KIS International School Reignwood Park
Project Location: Pathum Thani Province, Thailand
Project Segment: Education
Systems Designers and Integrators: Vision One
AV Highlight: To combine advanced networked audio capabilities, precise acoustic modelling, and seamless integration with video and lighting systems
Key AV Brand: L-Acoustics



professional-grade productions while remaining intuitive for daily school operations.

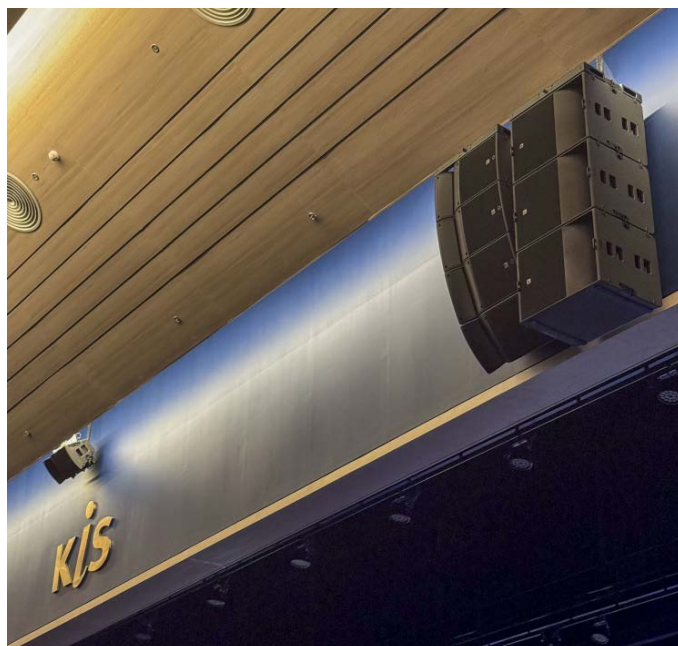
A Series Vocal Clarity Meets Educational Versatility

Through an official tender process, L-Acoustics Certified Partner Vision One was selected to design and install a comprehensive A Series system that would meet the school's exacting multipurpose requirements. "The brief was for a versatile, high-quality audio system that was reliable and easy to use for daily school

activities," explained Akarat 'Pete' Thitipattakul, Business Development Manager at Vision One.

"Their vision of success was a system that felt 'invisible' and effortless for simple daily assemblies and student presentations, yet capable of delivering professional-grade sound for full-scale theatrical and musical performances," he continued.

The L-Acoustics A Series was specifically selected for its exceptional vocal clarity and versatility: critical attributes for an educational



venue where spoken presentations are as important as musical performances. The system's ability to deliver both broad audience coverage and focused performance reinforcement aligned perfectly with the venue's need for seamless transitions between event types.

Soundvision Modelling Optimises Complex Architectural Integration

Working within the auditorium's well-engineered acoustics, the Vision One team leveraged L-Acoustics Soundvision 3D modelling software to address the venue's complex geometry and architectural requirements.

"Soundvision allowed us to ensure consistent SPL distribution and achieve optimal sound coverage precisely, while integrating the loudspeaker hangs into the architectural design without obstructing sightlines or visual branding," noted Thitipattakul.

The primary challenge involved seamlessly integrating the audio system into the Rosan Bosch Studio architecturally designed auditorium without compromising visual aesthetics or audience sightlines, a critical consideration for a prestigious educational

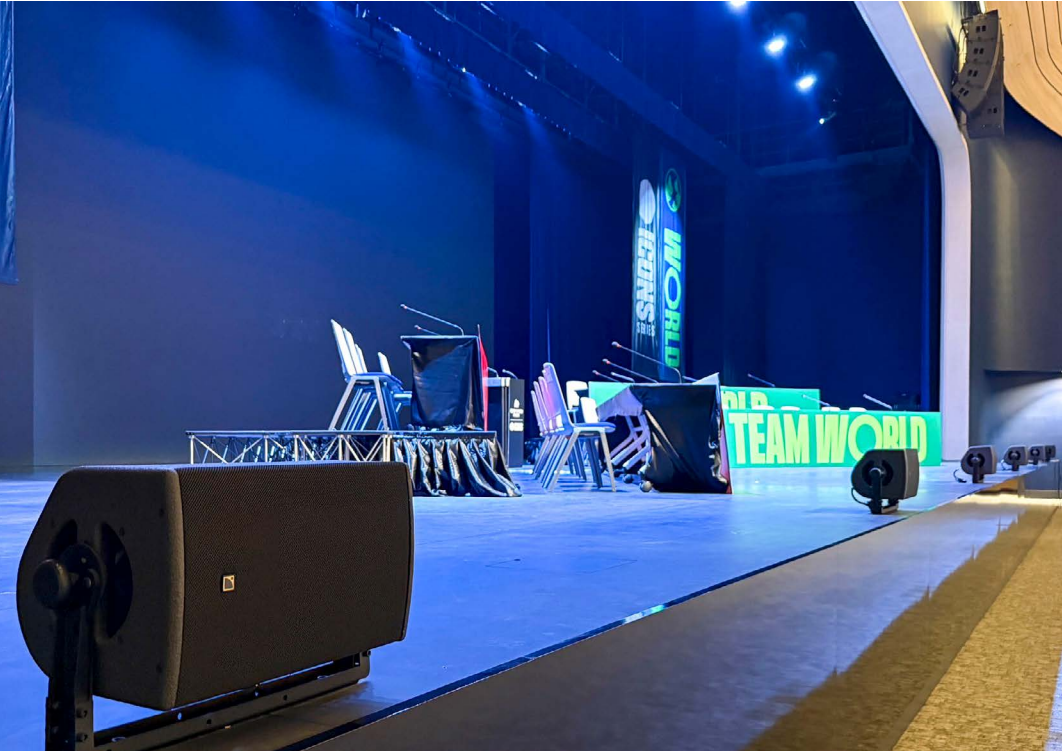


facility where form matters as much as function.

Milan-AVB Network Delivers Professional Reliability

The installed system demonstrates advanced networked audio capabilities built around the Milan-AVB protocol for robust performance and seamless redundancy. The main left/right system comprises three A15 Focus and one A15 Wide per hang, supported by three KS21 subwoofers flown per side for precise low-end definition.

Supporting the main arrays, a single A10 Wide enclosure serves as centre-fill while six X8 units provide front-fill coverage positioned evenly across the front of the stage. The entire system is powered by two LA7.16i amplified controllers and operates through the Milan-AVB network, managed by an L-Acoustics P1 processor and a pair of LS10 AVB switchers. Each LS10 is connected to the P1 and both amplified controllers to provide dedicated primary and secondary AVB networks, ensuring maximum robustness and reliability through seamless network redundancy.



also configured carefully designed presets for different event types, making daily transitions between assemblies, presentations, and major performances remarkably convenient for faculty and students.

The modular approach has significantly improved operational efficiency and user confidence throughout the

Comprehensive AV Integration Streamlines Campus Operations

As the system integrator responsible for the complete audio-visual scope, Vision One designed the A Series installation to work seamlessly with video, lighting, and control systems throughout the facility. All components were engineered around a unified control platform, enabling staff to manage complex productions while maintaining the simplicity required for daily educational activities.

The installation timeline ran parallel to the auditorium's construction phase, requiring close coordination with multiple contractors to maintain efficiency while avoiding conflicts with other building systems.

Training and Preset Configuration Enable Effortless Daily Use

Understanding that educational venues require systems operable by staff with varying technical backgrounds, Vision One implemented comprehensive training covering system operation and basic troubleshooting. The team

also configured carefully designed presets for different event types, making daily transitions between assemblies, presentations, and major performances remarkably convenient for faculty and students.

also configured carefully designed presets for different event types, making daily transitions between assemblies, presentations, and major performances remarkably convenient for faculty and students.

The modular approach has significantly improved operational efficiency and user confidence throughout the

school community, with Vision One's ongoing support ensuring reliable performance for every event.

Future-Ready Technology Platform

The installation positions KIS International School Reignwood Park for long-term success through the modular nature of the L-Acoustics ecosystem. "The modular nature of the L-Acoustics ecosystem positions KIS International School Reignwood Park exceptionally well for future upgrades, expansions, or evolving technical needs," explained Thitipattakul of [Vision One](#)

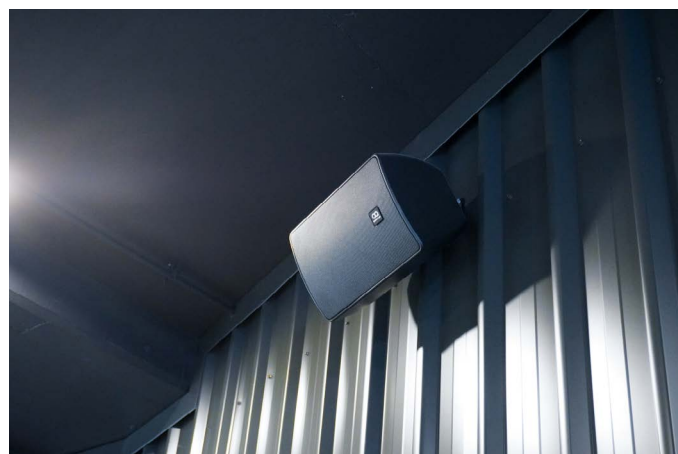
User feedback has been consistently positive across all applications. "The system is praised for its reliability, versatility and exceptionally pristine sound clarity, which will support the school's community experiences for educational presentations and the performance arts across all levels," he concluded.

L-Acoustics

AUSTRALIA

Jungle Adventure Swings into Action with Optimal Audio

Brisbane Sound Group delivers a playful yet precise audio solution for Jungle Adventure's newest venue



Tucked into North Lakes on Australia's Sunshine Coast, Jungle Adventure Play Centre (JAPC) is one of Queensland's most energetic spaces for kids to run wild – safely. For its second location, the team turned once again to **Brisbane Sound Group** who jumped into the challenge with the nimble yet powerful Optimal Audio ecosystem, supplied by distributor **Audio Brands**

Brisbane Sound Group had already experienced the acoustic challenges of Jungle Adventure, having previously fitted out JAPC's first venue in Tingalpa. The centre's team needed an audio system to support every moment – from playful chaos to peaceful cuppas. Simple to control and manage day to day, delivering great audio coverage, Optimal Audio's ecosystem was the right choice for the noisy play environment.

As is so often the case, the AV installation was not the first part of the project to be completed, and the play equipment was already in place. Though the placement of ball pits, climbing structures and safety nets presented considerable obstacles, they helped to denote a number of the venue's 12 zones.

BSG's Installation & Projects Manager, Josiah Kerridge, described some of the installation challenges, "Accessing walls and ceilings was a real puzzle in this environment. Working with the physical obstacles, we created consistent coverage and clarity across every zone."

Despite limited access during the build, BSG and distributor Audio Brands collaborated to ensure product choices and speaker placement hit the mark. "Audio Brands were fantastic," said

FACT FILE
Project Name: Jungle Adventure Play Centre
Project Location: Queensland, Australia
Project Segment: Tourism
Systems Designers and Integrators: Brisbane Sound Group
AV Highlight: To provide intelligible, energetic coverage without spill, easily controlled via wall panels and Dante networking
Key AV Brand: Optimal Audio

Josh Bonnici, Operations & Marketing at BSG. "They helped narrow down the right speakers and amps for every zone and were always quick to support us when needed."

Optimal Audio's Up 6 ceiling speakers with back cans were positioned wherever suspended ceilings allowed. When ceiling mounts weren't possible, Optimal Audio Cuboid 6 were placed to take full advantage of the 130° x 120° dispersion, ideal for coverage without audio spill.

Driving the system were Optimal Audio's SmartAmp 10 and SmartAmp 20 amplifiers, featuring onboard DSP for streamlined configuration and balanced performance across all zones. To enable remote positioning of the amps safely away from the busy play zone, BSG deployed a Dante audio network from the building's existing cabling infrastructure. Each of the 12 tightly focused zones was configured to deliver intelligible, energetic audio without bleed. The audio ecosystem was set up to be controlled centrally via a wall panel at reception, with additional panels positioned in key locations. Paging and emergency messaging can cut through instantly when needed.

"Clarity and control were essential," added Kerridge. "This isn't just about loud music - it's about keeping the space safe, connected, and enjoyable."



Jungle Playground was a significant installation for the group, best known for its live event production. "This project really mattered to us," Kerridge reflected. "It's helping change perceptions – showing that we're just as capable in integration as we are in production. And we've got the right people and the right partners to do it."

The benefit for the venue was a crystal-clear, zoneable system that staff can operate with confidence. Jungle Adventure Play Centre now has a sonic setup as dynamic as the kids who visit it. So, whether it's a birthday bash or corporate chaos, the Optimal Audio ecosystem ensures the sound is punchy, reliable, and easy to manage – so the team on the ground can focus on what they do best: create a jungle full of joy.

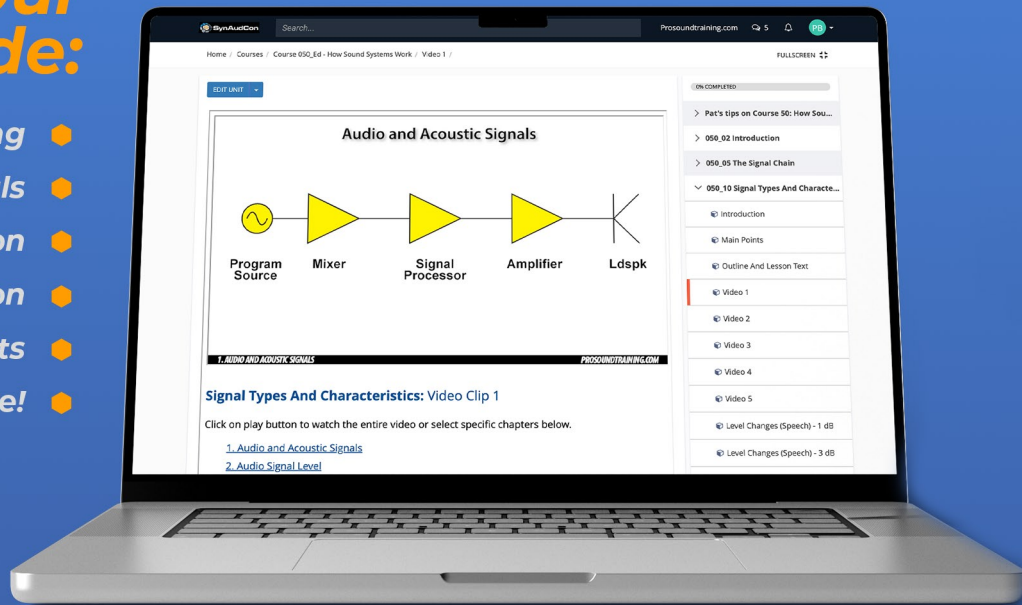
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