



Creative Technology & Experience Platform

Audio · Visual · Lighting · Broadcast · Content

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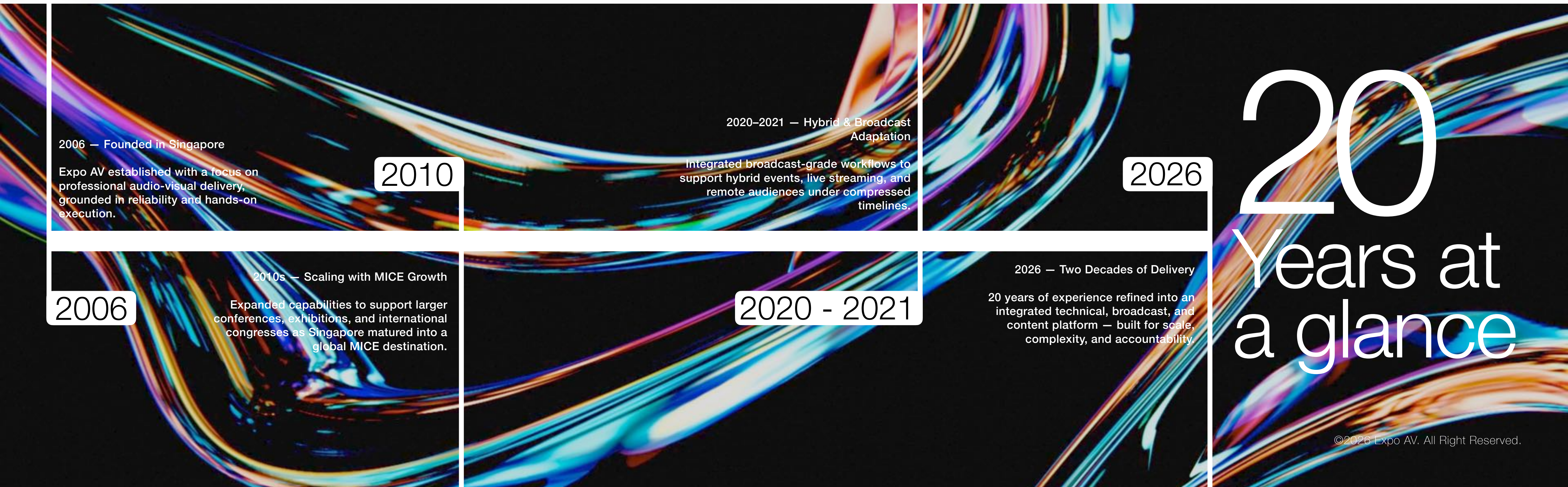
www.expoav.sg

Company Profile

About Expo AV

Founded in 2006, Expo AV is a Singapore-based Creative Technology & Experience Platform that has grown alongside the nation's development as a global events hub. Built by engineers and imagined by creatives, we design the infrastructure behind live experiences—where systems, storytelling, and environment come together to create emotion at scale. For nearly two decades, we have supported international congresses, exhibitions, live performances, and festivals, delivering the technical and creative backbone that helps complex programmes feel seamless, intentional, and memorable.

Working alongside Digital Kitchen Studios and The Production Initiative, Expo AV unites AVL, broadcast, content, and event technology into one coordinated platform. From early planning and system design to show-day execution, we work closely with organisers, PCOs, venues, and destination partners to integrate every element into a cohesive live environment—reducing complexity, increasing control, and ensuring experiences land with clarity, consistency, and impact.



2006 — Founded in Singapore

Expo AV established with a focus on professional audio-visual delivery, grounded in reliability and hands-on execution.

2010

2010s — Scaling with MICE Growth

Expanded capabilities to support larger conferences, exhibitions, and international congresses as Singapore matured into a global MICE destination.

2006

2020–2021 — Hybrid & Broadcast Adaptation

Integrated broadcast-grade workflows to support hybrid events, live streaming, and remote audiences under compressed timelines.

2020 - 2021

2026 — Two Decades of Delivery

20 years of experience refined into an integrated technical, broadcast, and content platform — built for scale, complexity, and accountability.

2026

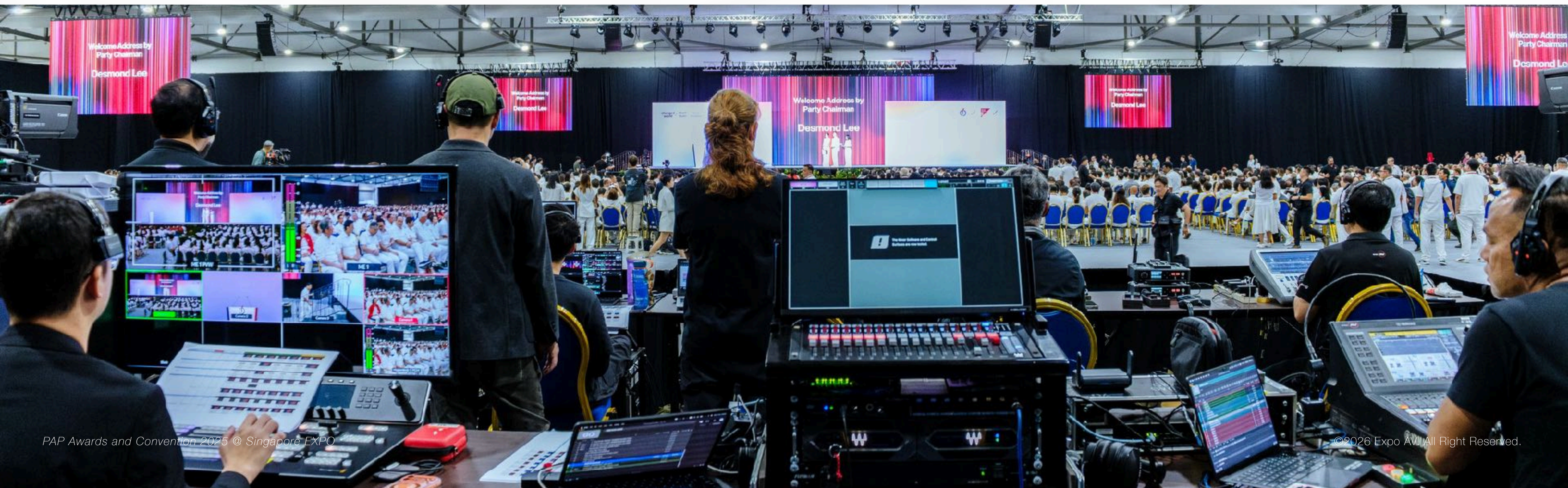
20
Years at
a glance

Our Core Values

People and Relationships at the Core

At Expo AV, we believe that strong relationships are the foundation of sustainable success. We are committed to building long-term partnerships with our clients, vendors, and team — grounded in trust, understanding, and collaboration. By taking the time to understand the unique needs of each partner, we deliver solutions that are thoughtful, reliable, and tailored to real-world challenges.

We prioritise meaningful connections through open communication, mutual respect, and shared goals. Whether collaborating with clients, nurturing vendor partnerships, or supporting our people, this people-first approach shapes how we work and how we grow. At our core, we understand that relationships drive performance — and by investing in people, we create lasting value and partnerships that endure.



Expo AV's Integrated Creative Content Agency

Digital Kitchen Studios

Digital Kitchen Studios (DKS) is Expo AV's dedicated content and creative studio, specialising in immersive visuals, motion design, and experiential storytelling. Since pioneering 3D projection mapping in 2010, DKS has been creating transformative visual experiences that elevate audience engagement across live, hybrid, and digital environments.

As the creative arm of the Expo AV platform, DKS ensures that content is never developed in isolation. Every visual, motion graphic, and interactive element is conceived with live conditions in mind, designed to be system-aware, performance-ready, and scalable across venues and formats. This integration of creative ideation with technical execution is what sets Expo AV apart: content and systems are built as one, not stitched together after the fact.

DKS delivers end-to-end content solutions spanning concept development, motion graphics, interactive programming, and experiential activations, all coordinated within Expo AV's unified delivery framework.

Core Capabilities

Ideation & Creative Direction

Concept development, narrative framing, and visual ideation aligned to live environments, brand objectives, and audience behaviour.

Motion Graphics & Animation

Custom motion design, animated content, and dynamic visual systems designed for LED walls, projection surfaces, and broadcast outputs.

Immersive & Experiential Visuals

Projection mapping, spatial visuals, and large format immersive content designed to respond to architecture, movement, and sound.

Interactive & Real-Time Content

Interactive visual systems, data-driven content, and audience-responsive experiences for live and hybrid environments.

Brand Activations & Experiential Campaigns

Creative development and content delivery for brand-led installations, experiential zones, and audience engagement touchpoints.



Expo AV's Broadcast & Event Solutions Partner

The Production Initiative

Broadcast & Event Solutions Partner

The Production Initiative (TPI) is a specialist broadcast and event solutions partner focused on enabling large-scale live events through broadcast-grade workflows and integrated event technology. TPI brings operational depth across live streaming, show control, and audience-facing systems that support both experience delivery and commercial performance.

As a key partner to Expo AV, TPI integrates broadcast and event solutions directly into the production framework from day one. This ensures that live capture, streaming, registration, ticketing, and on-site transaction systems are aligned with show design, audience flow, and operational realities — reducing friction and increasing reliability under live conditions.

Operating in partnership with Expo AV across complex events and experiential IPs, TPI supports scalable delivery models while also engaging independently on broadcast and event-tech projects that require robust systems, real-time oversight, and operational discipline.

Core Capabilities & Services

Broadcast & Live Streaming Solutions

Live switching, multi-camera production, streaming, and content distribution designed for conferences, exhibitions, concerts, and large scale live events.

Hybrid & Digital Event Infrastructure

Broadcast workflows supporting hybrid formats, remote audiences, and extended digital reach beyond the venue.

Event Technology Integration

Seamless integration of event-tech systems with production, broadcast, and venue operations. This includes end-to-end registration, accreditation, and access control for high-volume audiences, integrated ticketing platforms with capacity management and real-time attendance tracking, and on-site POS systems for F&B, concessions, and merchandise designed to improve throughput and reduce queues.



Our Premium Sound Solutions

Martin Audio London

Precision sound engineering for live events

Expo AV's audio division is powered by Martin Audio, a globally respected sound system brand known for its uncompromising approach to clarity, power, and musical detail. As Martin Audio's representative in Singapore since 2010, we have built over 15 years of deep expertise deploying their systems across conferences, exhibitions, concerts, and music-led environments.

With decades of innovation in professional loudspeaker design, Martin Audio systems are trusted worldwide for their ability to deliver coherent, immersive sound, from intimate venues to large-scale arenas, with consistency and control under live conditions.

Why Martin Audio Powers Expo AV

Engineered to perform under pressure, scaling seamlessly from corporate stages to large-format concerts. Delivers coherent, immersive audio for both musical performance and spoken word. Integrates directly into Expo AV's systems-led technical platform, ensuring consistency across venues and formats.

A Trusted Choice for Global Organisers

Martin Audio systems form a core part of Expo AV's AVL deployments, selected to deliver clarity, impact, and emotional resonance. Whether supporting international congresses, music festivals, or premium experiences such as SquareRoom, Martin Audio ensures sound is heard as intended, everywhere, every seat, every performance.

Our Martin Audio Portfolio

Line Array Systems — Wavefront precision line arrays including the WPL, WPC, and Torus series, delivering scalable, high-output coverage with smooth, consistent dispersion across wide audience areas, from mid-sized venues to large-format arenas.

SX Series — Versatile, rugged point-source systems for a wide range of live performance applications.

S Series Subwoofers — Deep, controlled low-end that enhances musical impact without sacrificing clarity.

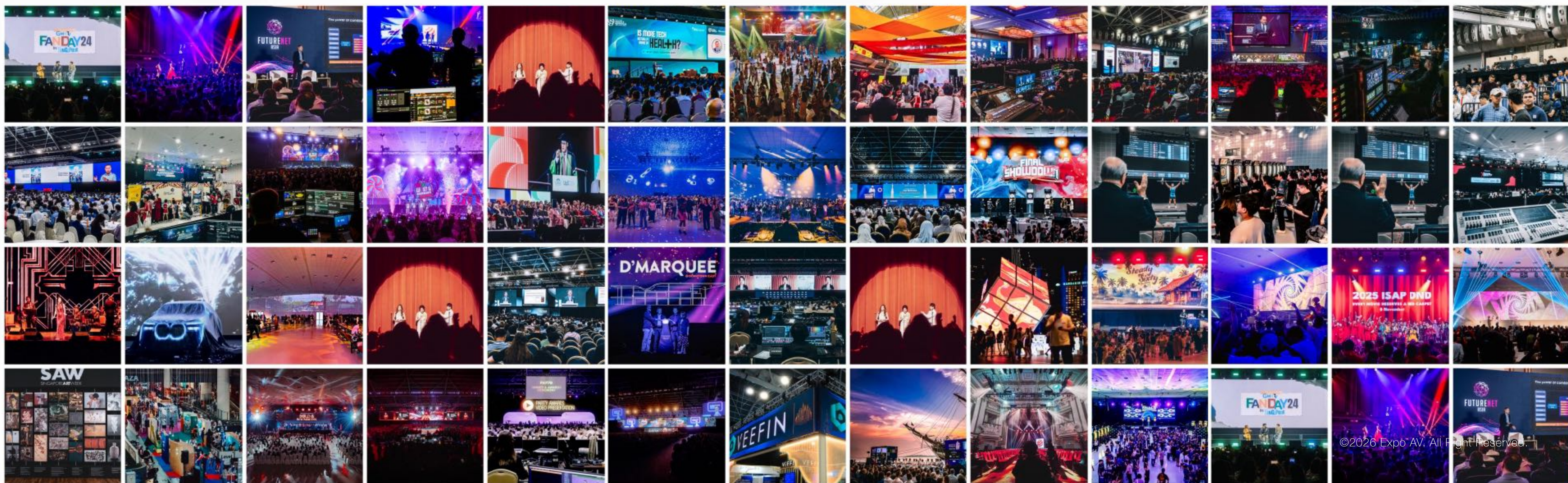
High-Resolution Stage Systems — Tuned for speech, music, and mixed content with consistent coverage and minimal distortion.



A Systems-Led Approach

Expo AV is built around a systems-led way of working, where audio, visual, lighting, broadcast, content, and event management systems are planned and delivered as one integrated environment. From registration and ticketing to on-site POS and live production, all systems are designed to work together from the outset — reducing fragmentation, minimising handovers, and creating a more seamless experience for organisers and audiences alike.

By aligning every discipline under a single workflow, Expo AV ensures clarity from early planning through rehearsals and live execution. With clear ownership across the entire event ecosystem — from audience entry to show delivery and broadcast — our approach enables smoother coordination, faster problem-solving, and reliable performance under live conditions. The result is events that feel cohesive, well-run, and consistent at scale, supported by systems that are designed to perform when it matters most.



Integrated Event Capabilities

1. Audio · Visual · Lighting (AVL)

Delivered by Expo AV as the core technical platform, our AVL systems are designed and deployed as a single, integrated environment, with audio, visual, and lighting engineered together for clarity, coverage, and consistency across venues and event formats. This systems-led approach ensures reliable performance under live conditions and a balanced audience experience at scale, while enabling efficient repeat deployment.

2. Content & Live Visuals Production

Delivered through Digital Kitchen Studios (DKS), content production and live visuals capabilities encompass event visuals, motion graphics, and immersive content designed specifically for live environments and created in direct alignment with technical execution, venue conditions, and show-day realities, ensuring visuals are system-aware, performance-ready, and responsive to live conditions, enabling cohesive storytelling across screens, stages, and spatial environments while maintaining reliability across complex, large-scale events.

3. Broadcast & Live Streaming Solutions

Delivered in partnership with The Production Initiative (TPI), these broadcast capabilities provide broadcast-grade live production workflows for complex LIVE events. This includes live switching, multi-camera capture, streaming, and content distribution — enabling events to extend beyond the venue while maintaining production quality and reliability. Integrated from the outset, broadcast is designed as part of the overall production system, not added on later.

4. Event Management Solutions

Also delivered in partnership with TPI, Expo AV integrates event-tech solutions covering registration, ticketing, and integrated POS systems for F&B and on-site transactions. Embedded into the production workflow, these systems ensure smooth audience flow from registration and entry through to service and encore, while providing organisers with real-time operational visibility and improved commercial performance.



Working hand in hand with the
venues that shape LIVE experiences

Our Venue Partners

IMBA Theatre

IMBA Theatre is Singapore's first dedicated immersive arts venue and one of Southeast Asia's most ambitious cultural destinations. Spanning over 80,000 sq ft at Gardens by the Bay, the venue sets a new benchmark for how audiences experience art, storytelling, and technology. At its core are two purpose-built black box theatres enclosed by 12.5m-high projection walls, equipped with advanced projection mapping, spatial audio, and lighting systems capable of delivering fully immersive, 360-degree experiences. A dedicated 12,500 sq ft gallery showcases curated exhibitions of paintings, sculptures, and mixed-media works from internationally recognised artists. Beyond the exhibition spaces, integrated lifestyle offerings include curated retail, dining concepts, and interactive experience zones designed to blur the line between art and everyday life.

Conceived by Hustle & Bustle Group and partnered with London-based Lightroom, the global leader in immersive storytelling, IMBA opened in 2026 to international acclaim. Its inaugural programme featured Botero in Singapore, a world-first tri-format showcase of nearly 130 original works by Colombian master Fernando Botero, and the Southeast Asia premiere of David Hockney: Bigger & Closer (not Smaller and Further Away). The venue is designed to host large-scale immersive exhibitions, live performances, experiential activations, corporate events, and multi-sensory storytelling experiences. On 21 April 2026, Expo AV signed a Memorandum of Understanding (MOU) with Hustle & Bustle Group / IMBA during the venue's grand opening evening, officially becoming the venue's Audio-Visual partner, delivering integrated AV solutions across IMBA Theatre's full programme.



D'Marquee @ Downtown East

D'Marquee is a large-format, purpose-built venue located at Downtown East, Pasir Ris, near Singapore Changi Airport. Since 2003, it has been a key venue for Membership, Union, and Community Engagement (MUCE) events, hosting memorable large-scale experiences for over two decades. Its recent redevelopment aligns with Singapore's expanding MICE landscape and supports the nation's ambition to be the World's Best MICE City. The renewed venue features a distinctive shipping-container-inspired design, incorporating solar panels for energy efficiency, a fully acoustically treated interior, and 40% more floor space. Spanning 2,400 sqm, the pillar-less, fully air-conditioned space accommodates up to 2,200 guests and is designed to support concerts, exhibitions, corporate events, product launches, weddings, and festivals.

From 1 January 2025, Expo AV serves as the Official Technical Partner for D'Marquee, delivering integrated technical production across all events. Backed by proven expertise as Official Technical Partner for the Singapore Airshow since 2010, Expo AV brings advanced AVL systems to the venue, supported by a 9-metre working ceiling, 20-ton rigging capacity, extensive LED and lighting infrastructure, and a premium sound system featuring Proel Group's Axiom loudspeakers. The venue's accessibility — close to MRT stations, Changi Airport, over 40 F&B outlets, and adjacent to D'Resort — further strengthens its position as a scalable, well-integrated event destination.



Warehouse on River Promenade

Warehouse on River Promenade is one of Singapore's most celebrated conservation event venues. Situated along the Singapore River in the prestigious River Valley area, adjacent to the Central Business District and near popular landmarks like Orchard Road, the venue offers exceptional accessibility and a setting steeped in character.

The Main Event Space is housed in the former Zouk space, featuring soaring 11.6-metre ceilings and a spacious, regular layout of 330 square metres. The venue accommodates up to 350 guests standing, 240 theatre-style, 200 classroom, or 180 for seated dining, making it an exceptional setting for corporate events, networking evenings, product launches, gala dinners, IP shows, and private celebrations.

The heritage architecture, exposed brickwork, and industrial charm create a unique atmosphere that blends nostalgia with sophistication. However, a venue of this character demands technical production of the highest standard, with careful attention to acoustics, lighting, and visual systems that complement rather than overpower the space.

Expo AV is proud to serve as the AV partner at Warehouse on River Promenade, delivering integrated technical production across audio, video, lighting, and LED systems that honour the heritage of this extraordinary space while ensuring every event runs with precision, clarity, and confidence.



Singapore EXPO

Singapore EXPO & Max Atria is one of Southeast Asia's largest and most versatile event destinations, offering over 100,000 sqm of flexible event space across ten pillarless halls and the purpose-built Max Atria convention centre. Located in Changi, the venue hosts a wide range of events from large-scale trade exhibitions and international conferences to gala dinners, corporate plenaries, and broadcast-driven programmes. The venue's infrastructure supports complex technical requirements, including rigging systems, extensive power distribution, and flexible hall configurations that can accommodate everything from intimate 200-person conventions to mega events spanning multiple halls.

Expo AV is the preferred technical production partner at Singapore EXPO Halls 2 to 6 and Max Atria. Our team delivers end-to-end expertise across audio, video, lighting, LED systems, and full technical operations, enabling seamless shows across conferences, exhibitions, plenaries, and broadcast-driven programmes. Working closely with SingEx, we transform venue capabilities into production-ready environments that scale with ambition. With Expo AV managing the technical backbone, organisers gain a partner who understands the demands of the venue and consistently delivers clarity, professionalism, and confidence from planning through show day.



Proven delivery across diverse
LIVE environments.

Methodology

Project Case Studies

Proven across formats, scale, and complexity

Expo AV delivers integrated technical environments across a diverse range of event formats, each with its own operational, spatial, and audience considerations. From international congresses that demand broadcast-grade precision, to large-scale exhibitions spanning multiple halls, and live performances and experiential events driven by atmosphere and energy, our platform is designed to scale without losing control.

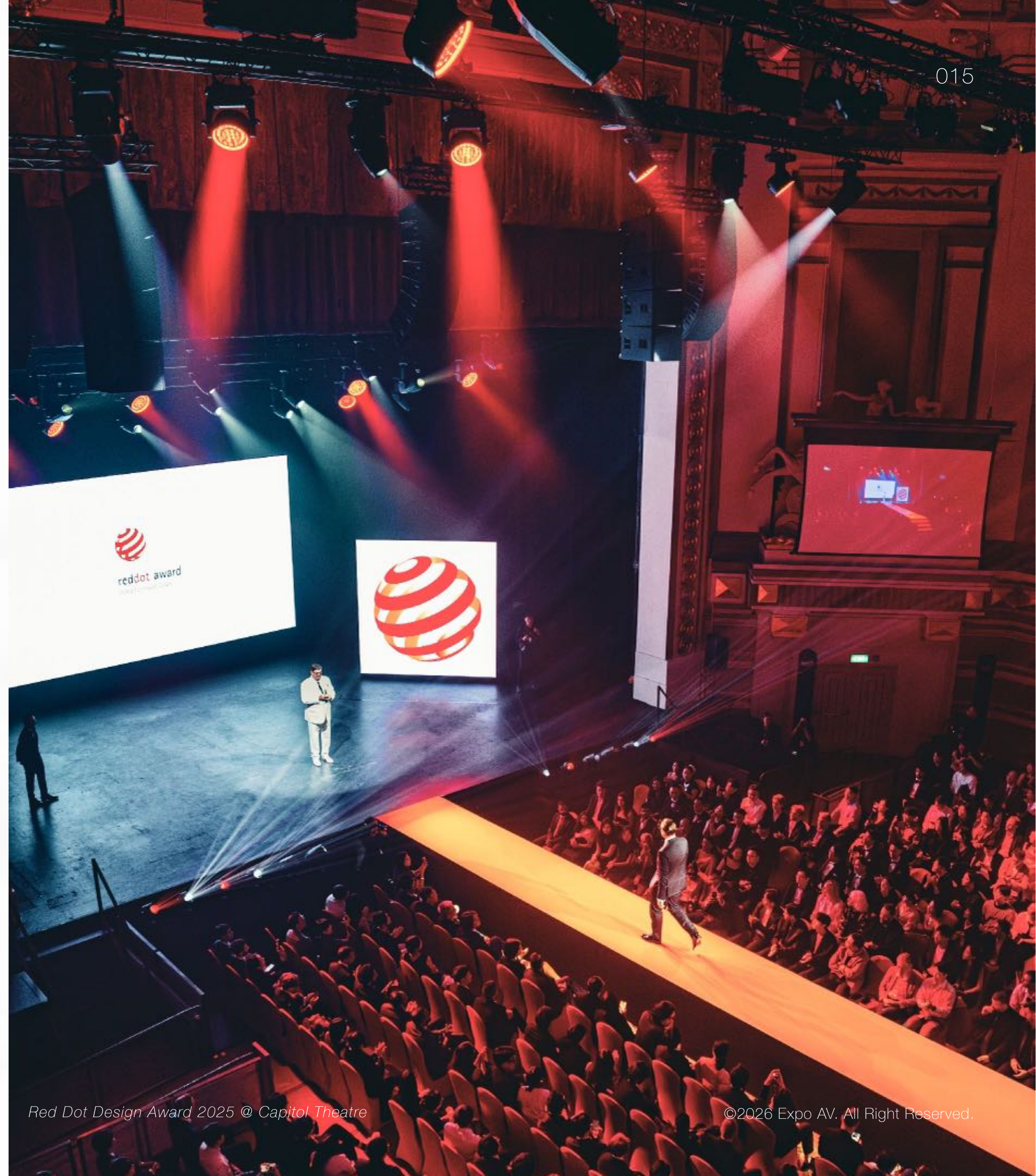
Every project is delivered through the same coordinated approach — aligning AVL, broadcast, and content within a single system. This ensures consistent execution, reliable performance, and confidence under live conditions, regardless of event size or complexity.

One Standard of Delivery

Across every project, regardless of format or scale, Expo AV applies the same disciplined approach to planning, system integration, and live execution. This consistent methodology, refined through years of delivering complex live events, ensures reliability, clarity, and control across all environments we operate in.

What Follows

The next few slides present selected projects that illustrate how this approach is applied in practice — across international congresses, large-format exhibitions, and live experiential environments.



Singapore FinTech Festival | Case Study 1

Client: Monetary Authority of Singapore / Singapore FinTech Festival

Venue: Singapore EXPO

Years: Multiple editions, including the 10th Edition (2025)

Production Partner: Expo AV | Digital Kitchen Studios | The Production Initiative

Format: Large-scale conference, exhibition, and networking platform

Overview.

The Singapore FinTech Festival is one of the world's largest fintech events, bringing together global policymakers, financial institutions, technology companies, and innovators to explore the future of financial services and digital infrastructure. Held annually at Singapore EXPO, the festival has grown in scale and complexity over the past decade, expanding across multiple programme environments, exhibition halls, and networking platforms.

Expo AV has maintained a long-running commitment to supporting this flagship programme, delivering congress-grade AVL execution year after year as the festival evolved. This sustained engagement reflects what a creative technology partnership looks like at scale: not a vendor swapped in annually, but a production team embedded in the event's growth trajectory, adapting its technical approach as the programme's ambitions expand.

Case Study 1 - Delivery

SFF 2025 10th Edition (12 – 14 November 2025)

For the landmark 10th edition, Expo AV supported key programme environments across the festival, delivering a stable technical foundation for high-volume live content. Working closely with venue and production stakeholders, the team ensured consistent execution and reliable show delivery across multiple days and spaces.

Scope of Work:

- AVL Production: Audio, visual, and lighting deployment across key programme environments
- Technical Operations: End-to-end show management ensuring smooth, predictable delivery under live conditions
- Stakeholder Coordination: Close collaboration with venue teams and production stakeholders to align technical delivery with programme requirements

The Long-term Production Partner Model

The Singapore FinTech Festival is not a single event; it is a recurring, evolving platform that grows more complex each year. Supporting it effectively requires more than technical competence on show day. It requires a production partner that understands the programme's history, anticipates its evolving needs, and can scale execution without sacrificing reliability.

Expo AV's multi-year involvement means the team arrives each edition with institutional knowledge: how content flows across environments, where technical risks emerge, and what the programme's stakeholders expect in terms of delivery standards. This continuity reduces onboarding friction, minimises coordination risk, and allows the technical environment to improve incrementally rather than starting from scratch each year.

Challenges Addressed

- High-volume programme: Supporting multiple concurrent environments with dense, back-to-back content schedules across three full days
- Scale and complexity: Managing AVL delivery across a large-format venue where consistency and reliability are non-negotiable
- Evolving requirements: Adapting the technical approach year over year as the festival's format, scale, and ambitions grow
- Stakeholder coordination: Working within a multi-vendor production ecosystem where tight collaboration with venue and programme teams is essential

Outcome

Delivered consistent, congress-grade AVL execution across key programme environments, reinforcing Expo AV's role as a long-term production partner for one of Singapore's most prominent annual innovation events.

Find out more [here](#).

PERE Asia Summit | Case Study 2

Client: PEI Group

Venue: Grand Hyatt, Singapore

Years: Multiple editions

Production Partner: Expo AV | Digital Kitchen Studios

Format: Premier annual conference for private equity real estate professionals

Overview.

The PERE Asia Summit is PEI Group's flagship annual conference for senior leaders in private equity real estate, covering strategy, deal flow, and market outlook across the Asia-Pacific region. Held at the Grand Hyatt Singapore, the summit features keynote presentations, fireside chats, panel discussions, and breakout sessions designed for a C-suite and senior investment audience.

Expo AV, operating as an integrated creative technology partner alongside its content arm DK Studios, has delivered end-to-end production for the PERE Asia Summit across consecutive years. The engagement spans four core disciplines: AVL (audio, visual, lighting) technical production, broadcast and capture solutions, creative content development, and experience platform design, combining them into a single, unified production workflow.



Case Study 2 - Delivery

PERE Asia Summit 2026 (2 – 4 March 2026)

Building on the previous edition, the 2026 programme evolved beyond delivery into a more integrated experience platform. In addition to core AVL and content production, the team introduced interactive touchpoints to support delegate wayfinding and engagement—demonstrating how technical delivery, creative execution, and platform thinking can be combined into a single, cohesive solution.

Scope of Work:

- AVL Production: Audio, display, and lighting solutions across plenary and breakout sessions
- Creative Content: Event visual materials, on-screen graphics, and branded content for live and post-event use
- Broadcast Solutions: On-site filming, testimonial and interview capture, post-event highlights production

- Experience Platforms: 55" 4K touchscreen signage stands with custom UI/UX content for delegate navigation and wayfinding

Outcome: Delivered a polished and well-coordinated summit experience with smooth session delivery, improved attendee navigation through interactive platforms, and professionally produced content for post-event engagement.

Why a Creative Tech Agency Model Matters Here

Traditional AV vendors handle equipment. Content agencies handle design. Broadcast teams handle cameras. For an event like the PERE Asia Summit, splitting these across multiple vendors creates coordination risk, inconsistent branding, and communication gaps.

Expo AV's integrated model removes those seams. A single production team manages the stage environment, the content on screen, the cameras capturing it, and the digital platforms delegates interact with. The result is a consistent, high-quality experience from the moment an attendee walks in to the moment they watch the post-event highlight reel.

Recurring Challenges Addressed

- Premium hotel venue: Operating within the logistical constraints and load-in parameters of a five-star hotel environment
- Senior executive audience: Delivering the technical precision and visual quality expected by C-suite and senior investment professionals
- Multiple session formats: Supporting parallel and sequential sessions across plenary halls and breakout rooms with seamless transitions

- Live-to-digital continuity: Ensuring branded creative standards carry through from live presentations to post-event marketing deliverables without handoff gaps

Find out more [here](#).



RI Asia | Responsible Investment Forum Asia | Infrastructure Investor Asia | Case Study 3

Client: PEI Group

Venue: Marina Bay Sands Convention Centre, Singapore

Years: Multiple editions (2025 version being the 4th consecutive year)

Production Partner: Expo AV | Digital Kitchen Studios | The Production Initiative

Format: Executive ESG investment forum for private markets and infrastructure in Asia

Overview.

Each October, PEI Group hosts three flagship forums simultaneously at Marina Bay Sands Convention Centre: RI Asia, Responsible Investment Forum Asia, and Infrastructure Investor Asia. Together, these events bring global leaders in responsible investment, sustainable growth, and infrastructure to discuss trends, share insights, and shape the direction of their respective sectors.

This engagement marks Expo AV and DK Studios' fourth consecutive year as the integrated production partner for these forums. The longevity of this partnership reflects the value of a creative technology agency model: rather than coordinating separate AV, content, and production vendors across three concurrent events, PEI Group works with a single team that handles AVL production, content creation, and presentation management as one unified operation.



Case Study 3 - Delivery

RI Asia | RIForum Asia | II Asia (22 – 23 October 2025)

Scope of Work:

Expo AV (AVL Production and Management)

- Audio: Robust system with wireless and rostrum microphones engineered for clear, uninterrupted dialogue across all three forums
- Visual: High-resolution LED walls delivering sharp, high-impact visuals with seamless video switching to maintain session flow
- Lighting: Dynamic stage lighting designed for focus and presence, calibrated to complement LED output
- Technical Operations: End-to-end planning and execution across all three concurrent events for an error-free experience

DK Studios (Creative Content Delivery)

- Presentation Production: Design, production, and management of all presentation slides for plenary sessions across all three forums
- Speaker Support: Ensuring every speaker could communicate their ideas with clarity and visual impact
- Content Coordination: Complete content management across three concurrent event programmes

The Integrated Advantage

Running three co-located forums simultaneously is a coordination challenge that exposes the limitations of a fragmented vendor approach. When AV, content, and presentation teams operate independently,

small misalignments compound: a slide deck formatted incorrectly for the LED wall, lighting that washes out presentation graphics, or audio levels that shift between speakers because the sound team wasn't briefed on session transitions.

Expo AV and DK Studios eliminate these gaps by operating as one team. The content team builds presentations knowing exactly how they'll render on the LED walls. The lighting team programmes cues that complement the visual content. The audio team manages transitions in sync with session flow. This integration is especially critical when managing three events in parallel, where there is no margin for coordination errors.

Challenges Addressed

- Multi-forum coordination: Supporting three separate but co-located events simultaneously, each with their own programming and speaker lineup

- Session flow continuity: Managing seamless video switching and audio transitions to keep sessions running smoothly across forums
- Speaker support at scale: Coordinating presentation content for multiple speakers across plenary sessions, ensuring consistency and readiness across all three events
- Four-year benchmark: Maintaining and building on the technical and creative standards established through four years of partnership

Outcome

Delivered a cohesive environment across all three forums, enabling clear dialogue, interactive Q&A, and effective knowledge exchange for a senior, global audience.

Find out more [here](#).



FutureNet Asia 2025

| Case Study 4

Client: FutureNet Asia / Cogmentum Events Limited as commissioning client

Venue: Marina Bay Sands Convention Centre, Singapore

Years: 16 - 17 September 2025 (2nd consecutive year)

Production Partner: Expo AV | The Production Initiative

Format: Telecommunications conference and exhibition

Overview.

FutureNet Asia is a major two-day conference bringing together over 600 senior telecom leaders to explore emerging network technologies, digital infrastructure, and the future of connectivity across the Asia-Pacific region. The event features keynote presentations and panel discussions that demand a technically robust and visually commanding stage environment.

For the second consecutive year, Expo AV served as the integrated AVL production partner, designing and operating a wide-screen stage concept built around high-resolution LED technology. Complementing this, The Production Initiative provided camera and broadcast solutions, enabling multi-camera coverage and seamless content capture to support both in-room amplification and extended audience reach.

The engagement demonstrates how a creative technology approach to stage design—combining display engineering, lighting programming, visual playback, and broadcast integration into one cohesive system—elevates the impact of a large-format conference beyond what traditional AV rental can achieve.



Case Study 4 - Delivery

FutureNet Asia 2025 (22 – 23 September 2025)

Scope of Work:

- AVL Production: Audio system design and deployment, lighting design and programming, visual playback management
- Display Engineering: Wide-format LED wall using Fabulux Spider Series P2.9 panels, selected for high resolution and seamless output at scale
- Broadcast & Camera Systems (via TPI): Multi-camera setup and operation, live switching, and broadcast signal management to support in-room IMAG (image magnification), content capture, and potential live streaming or recording workflows
- Technical Operations: Full on-site technical management across two consecutive show days

Technical Approach

The stage environment was designed around a wide-screen LED configuration, a deliberate creative and technical decision that shaped the entire visual experience. The Fabulux Spider Series P2.9 panels delivered sharp, high-contrast visuals readable from every seating position, supporting both full-width keynote content and panel discussion backdrops.

Lighting was programmed to complement the LED output rather than compete with it, creating depth and focus on stage, enhancing fireside chats and panel discussions while maintaining visual continuity with the screen content. Audio was engineered for clarity across a 600+ seat layout with consistent coverage and intelligibility for dialogue-heavy sessions.

This kind of integrated thinking, where display, light, and sound are designed as a single system rather than separate line items, is what separates a creative technology partner from a hardware provider.

Challenges Addressed

- High-density conference format: Supporting a 600+ attendee programme across back-to-back sessions with zero downtime between segments
- Wide-stage visual requirements: Engineering a wide-format LED wall that maintained visual impact and text readability from all seating positions
- Senior executive audience: Delivering the level of audio clarity and visual polish expected at an industry-leadership event

- Consecutive show days: Maintaining consistent technical performance and system reliability across two full days of programming

Outcome

Delivered a clear, visually commanding, and professionally controlled technical environment that supported high-level dialogue and sustained audience engagement across multiple sessions over two days.

Find out more [here](#).
Event Info [here](#).

Gastech Energy Exhibition & Conference 2023 | Case Study 5



Client: Gastech / DMG Events as commissioning client

Venue: Singapore EXPO

Years: 5 – 8 September 2023

Production Partner: Expo AV | Digital Kitchen Studios

Scale: 44,000+ attendees, 750+ exhibiting companies

Format: International large-format exhibition and conference

Overview.

Gastech 2023 is one of the world's leading energy industry platforms, convening global stakeholders to address the future of gas, LNG, hydrogen, and low-carbon solutions.

The 2023 edition at Singapore EXPO brought together over 44,000 attendees and 750+ organisations across industry, government, and technology sectors.

Expo AV delivered integrated technical production across conference and exhibition environments, while Digital Kitchen Studios developed the event's visual content layer—ensuring clarity, consistency, and reliable execution across a complex, multi-day programme.

Case Study 5 - Delivery

Gastech Energy Exhibition & Conference 2023 (5 – 8 September 2023)

Scope of Work:

- AV Production: Audio, visual, and lighting deployment across conference and programme environments
- Display Solutions: Large-format visual delivery for keynote stages, programme content, and exhibition-integrated presentations
- Content Production (via Digital Kitchen Studios): Design and production of all event-related visuals, including keynote presentations, motion graphics, and on-screen content—ensuring visual consistency, clarity, and alignment with event branding across all stages
- Audio Systems: Speech-optimised audio coverage for conference halls supporting high-profile industry dialogue

- Lighting Design: Stage and programme lighting calibrated for presentation clarity and broadcast-ready conditions
- Technical Operations: On-site technical management and show operations across four days of programming

Operating at Scale

Gastech 2023 represents the kind of engagement where a creative technology partner's value becomes most visible. At 44,000+ attendees and 750+ exhibitors, the margin for technical failure is effectively zero. The production environment must support simultaneous programming across multiple spaces, maintain consistent audio and visual quality under high-traffic conditions, and adapt in real time to a dynamic, multi-day schedule.

This is not equipment rental at scale. It is system design, coordination, and operations management—

supported by a unified content layer developed by Digital Kitchen Studios—ensuring that both delivery and on-screen communication remain clear, consistent, and focused across the entire event.

Challenges Addressed

- Record-breaking scale: Supporting one of the largest energy industry gatherings globally, with 44,000+ attendees and 750+ exhibitors across four days
- Multi-environment coordination: Delivering consistent AVL quality across conference stages, exhibition spaces, and programme environments simultaneously
- Four-day endurance: Maintaining production standards and system reliability across a demanding four-day programme schedule

- High-stakes content: Ensuring technical reliability for keynote presentations and panel discussions involving senior industry leaders and government policymakers
- Global visibility: Meeting the production expectations of an internationally recognised event with global media and industry attention

Outcome

Contributed to the delivery of a technically sound, large-scale event environment that supported record attendance, high-profile industry dialogue, and exhibition programming across four days at Singapore EXPO.

Event info [here](#).



ITI World Symposium Singapore 2024 | Case Study 6

Client: International Team for Implantology (ITI)

Venue: Singapore EXPO

Years: 9 – 11 May 2024

Production Partner: Expo AV

Format: International congress and conferenc

Overview.

The ITI World Symposium is a high-profile international congress for implant dentistry professionals, bringing together clinicians, researchers, and industry leaders for a multi-day programme of plenary sessions, parallel tracks, and live demonstrations. The 2024 edition was held at Singapore EXPO across three days, requiring a technical environment engineered for clear speech reproduction, dependable visual detail, and the precise pacing that long-form scientific programmes demand.

Expo AV delivered full AVL technical support, providing a stable production environment where speakers presented with confidence and delegates stayed engaged under live conditions throughout the programme.



Case Study 6 - Delivery

ITI World Symposium Singapore 2024 (9 – 11 May 2024)

Scope of Work:

- Audio Production: System engineering for clear speech intelligibility, optimised for the vocal dynamics of scientific presentations across plenary and multi-session formats
- Visual Production: Display and playback systems delivering dependable, detailed visuals for clinical imagery, data presentations, and programme content
- Lighting Production: Lighting control designed to support long-form plenaries and multi-session pacing without visual fatigue
- Show Operations: End-to-end show management across three days, covering mic workflows, presentation switching, screen management, and on-site coordination

Technical Approach

Medical and scientific congresses place unique demands on technical production. Presenters rely on detailed clinical imagery and data visualisations that must render with precision. Audio needs to be tuned for sustained speech clarity across hours of continuous programming. Lighting must support both stage presence and the visual comfort of delegates in long sessions.

Expo AV engineered the entire AVL system around these requirements, treating audio, visual, and lighting as one integrated environment rather than separate service lines. Show operations were managed to keep flow consistent and transitions clean, from mic handoffs between speakers to presentation switching and screen management.

The result was a technical environment that receded into the background, allowing the programme content to take centre stage.

Challenges Addressed

- Three-day programme: Maintaining consistent technical reliability and production quality across a full three-day international congress
- Scientific content precision: Ensuring detailed clinical imagery and data-heavy presentations rendered accurately and readably on screen
- Long-form session pacing: Engineering audio and lighting for sustained comfort and engagement across multi-hour plenary blocks

- Multi-session coordination: Managing seamless transitions between speakers, sessions, and formats with clean mic workflows and presentation switching
- International speaker expectations: Delivering the level of technical precision and show management expected at a global symposium

Outcome

Delivered a reliable, professionally managed technical environment where speakers presented with confidence and delegates stayed engaged under live conditions across all three days of the symposium.

Event info [here](#).

44th ITF Congress 2018 | Case Study 7

Client: International Transport Workers' Federation (ITF)

Venue: Suntec Singapore Convention & Exhibition Centre

Years: 14–20 October 2018

Production Partner: Expo AV | Digital Kitchen Studios

Scale: 2,000+ participants from 140 countries, representing 600 transport unions and 19+ million union members

Milestone: First ITF Congress held in Southeast Asia

Overview.

The 44th International Transport Workers' Federation Congress brought together over 2,000 participants from 140 countries, representing 600 transport unions and more than 19 million union members worldwide. Held at Suntec Singapore Convention & Exhibition Centre, this was the first ITF Congress staged in Southeast Asia, addressing critical themes including digitisation, sustainable jobs, and the future of work in transport industries.

Expo AV served as the main contractor supplying professional AVL solutions and content production for the congress. Working alongside Digital Kitchen Studios, the team delivered an integrated production that combined technical execution with creative storytelling, setting an early precedent for the creative technology agency model that Expo AV has continued to develop.



Case Study 7 - Delivery

International Transport Workers' Federation Congress 2018 (14 – 20 October 2018)

Scope of Work:

Expo AV (AVL Production)

- Audio Systems: Cutting-edge audio deployment for clear speech delivery across a 2,000+ seat congress hall, supporting multilingual proceedings
- Visual Production: High-resolution LED displays for programme content, speaker support, and congress visuals
- Projection Mapping: Immersive projection mapping to create environmental storytelling aligned with congress themes
- Lighting Design: Dynamic lighting designs supporting both programme segments and the overall atmosphere of the congress environment

Digital Kitchen Studios (Creative Content)

- Animations and Branding: Production of animated content and branded visual materials for the congress environment
- "The Big Picture": A large-format visual installation at the convention drop-off point, delivering marketing content and visual narratives to welcome arriving delegates
- Environmental Storytelling: Creative content designed to immerse delegates in congress themes from the moment they entered the venue

Creative Technology in Action

The ITF Congress was an early demonstration of what happens when AVL production and creative content operate as one unified team.

Rather than simply providing a PA system and LED walls, the production was designed to immerse delegates in the congress narrative from arrival. The "Big Picture" installation at the drop-off point set the tone before delegates even entered the hall. Inside, projection mapping and animated content extended the storytelling beyond the stage, while the AVL environment ensured every speaker could be heard and seen clearly across the full congress floor.

This seamless integration of technical production and creative storytelling is the foundation of the creative technology approach, and the ITF Congress was one of the engagements where that model took shape.

Challenges Addressed

- International scale: Supporting a 2,000+ participant congress with delegates from 140 countries and 600 unions

- First Southeast Asian edition: Meeting the expectations of a global organisation staging its congress in the region for the first time
- Multilingual proceedings: Delivering audio clarity and visual support for a linguistically diverse delegate base
- Environmental storytelling: Extending the production beyond the stage to create an immersive congress experience from arrival to close
- Thematic alignment: Ensuring the creative content and technical environment reinforced the congress themes of digitisation, sustainability, and the future of work

Outcome

Delivered a congress environment where the seamless integration of technical production and creative storytelling created an immersive experience aligned with the ITF's themes, supporting clear communication and delegate engagement across the full programme.

Find out more [here](#).
Event info [here](#).

Built on Trust. Delivered with Care.

Working alongside partners to create experiences that last.

At Expo AV, every project begins with trust — built through understanding, collaboration, and clear communication. We work closely with organisers, venues, and partners to ensure every detail is aligned from the outset.

Our approach is shaped by care and consistency. By bringing technical delivery, content, and operations together under one coordinated system, we create environments that run smoothly and perform reliably under live conditions.

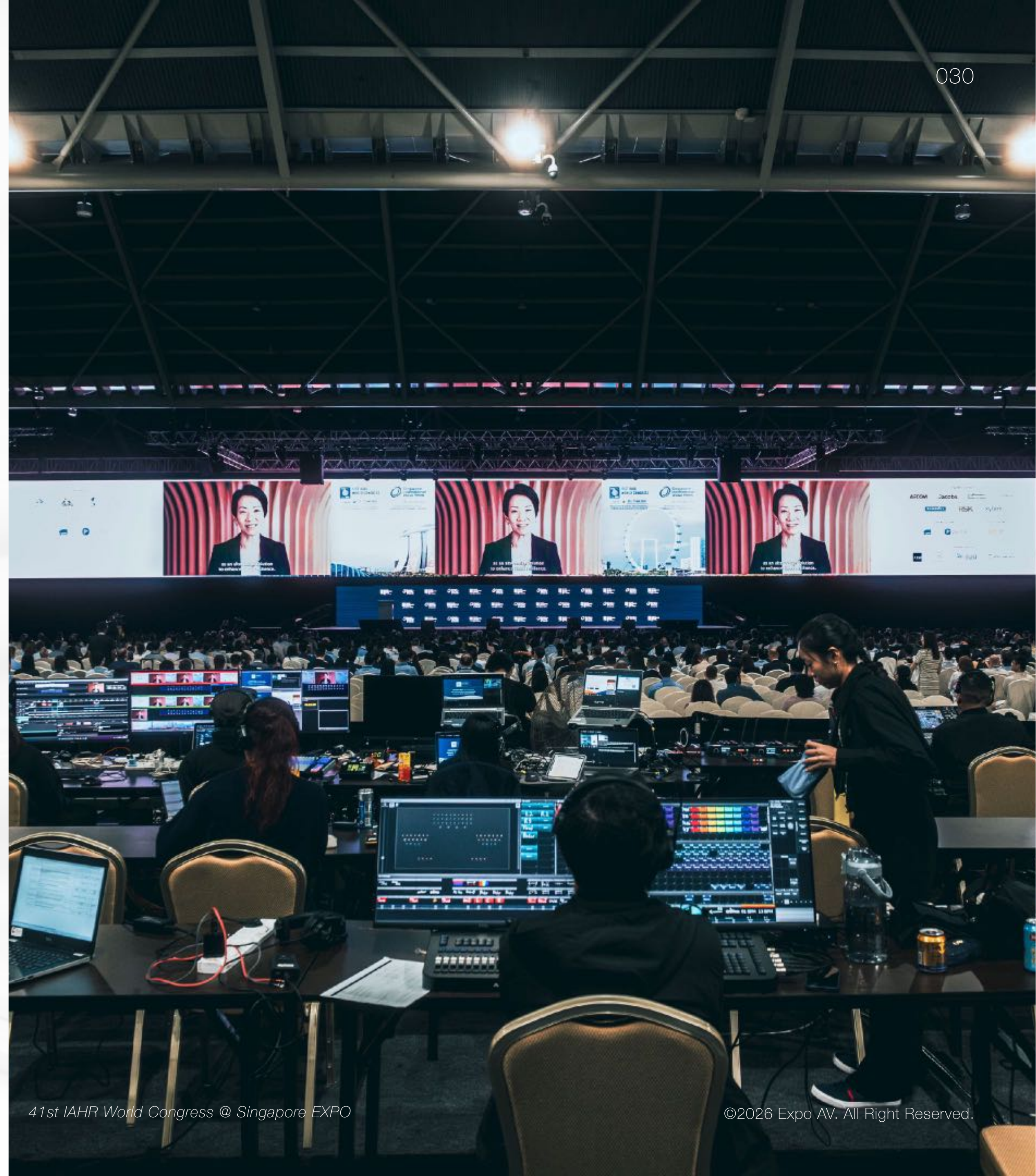
Through long-term partnerships and a people-first mindset, we remain committed to delivering experiences that stand the test of time — for our partners, our audiences, and the communities we serve.

At its core, Expo AV is about building experiences that deliver long-term value. Our integrated platform enables partners and sponsors to engage audiences consistently — from first touchpoint through live participation — within environments designed to perform reliably at scale.

By uniting event delivery, content, and commerce, we support scalable ecosystems that extend beyond a single event. Integrated registration, ticketing, and on-site transaction systems allow experiences to grow efficiently while maintaining clarity, control, and operational confidence.

Through collaboration within a proven, end-to-end delivery framework, partners benefit from reduced friction, repeatable execution, and shared growth over time.

One platform. One workflow. Built to grow together.





People at the core.

Experiences delivered with care.

Trusted partnerships. Thoughtful delivery. Live experiences that last.

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Thank You.