



Storm ISE: A World-First Partner Live Emergency Simulation at ISE 2026 Barcelona

How Dejero anchored a cross-industry ecosystem that proved mission-critical connectivity live, across three booths, in one of the world's most congested trade show environments.

Overview

At ISE 2026 in Barcelona, Dejero did something no one had done before at a major industry trade show: it orchestrated a live, multi-booth emergency simulation, **Storm ISE**, in real time, across three physical locations on the show floor, with eight partner companies, all powered by Dejero **Smart Blending Technology™**, which blends any and all available IP networks, and the newly launched TITAN Command.

Over three days of twice-daily live streams on YouTube, the demonstration walked audiences through a simulated disaster response, from the crisis zone to the command center to a broadcast newsroom, proving that mission-critical connectivity, when properly anchored, can flow seamlessly across every stakeholder in an emergency.

The activation won a MIX Best of Show Award at ISE 2026, a testament to its technical ambition and real-world relevance.

Challenge

Emergency and mission-critical communications technology is rarely demonstrated as a complete, integrated solution. At trade shows, products appear in isolation, visitors see individual demos but never experience the full chain of how data flows from a crisis zone to a command center to a broadcast room. Meanwhile, the real-world stakes are enormous.

"Without reliable connectivity, you're effectively in the dark. It's critical to how we operate. We respond in rural communities where wooded areas cause real issues with radio."

About Dejero

Dejero delivers mission-critical connectivity for broadcast, media, public safety, enterprise, and government organizations across the globe. Its *Smart Blending Technology* aggregates diverse connectivity paths including cellular, satellite and broadband into a virtual 'network of networks' to create a solution that delivers enhanced reliability, expanded coverage, and greater bandwidth.

Partner Ecosystem

Brainstorm (Real-Time Graphics)

Alfalite (LED Display Technology)

RGB Spectrum (Command & Control)

FOR-A (Switching & Signal Distribution)

KitPlus (Live Broadcast Workflow)

The connectivity problem in critical environments

For procurement leads in public safety, government, and broadcast, this is more than a demo problem, it's a confidence problem.

"People come to these shows, see a product and then another product and then another, not knowing how they work together."

— Ivy Cuervo, Director of Global Brand & Marketing, Dejero

The Industry Gap

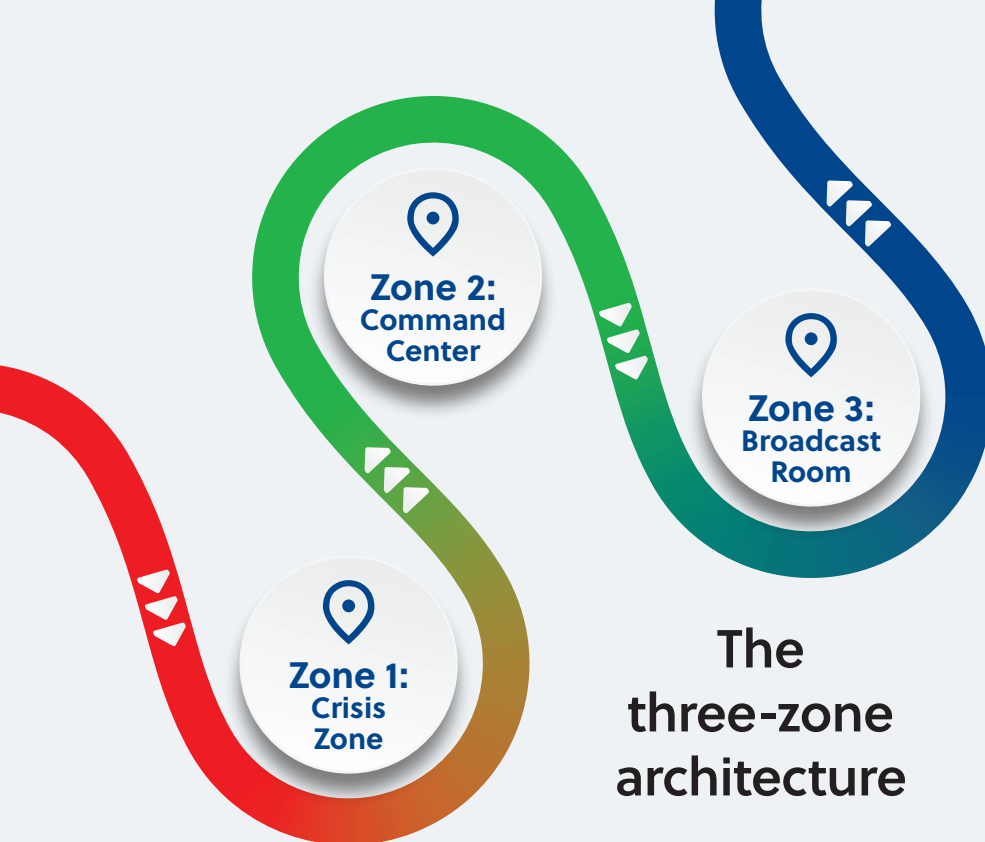
- Emergency responders, broadcasters, and command centers operate in environments where connectivity is congested, unreliable, or non-existent
- A trade show floor like ISE Barcelona is one of the most RF-hostile environments imaginable, thousands of exhibitors competing for the same spectrum
- Demonstrating live video, real-time data graphics, and multi-site signal distribution simultaneously in such conditions had never been attempted
- The industry lacked a compelling proof point that *Smart Blending Technology* could serve as the backbone for an entire emergency response ecosystem

Solution

Dejero conceived and produced Storm ISE, a live, three-zone emergency simulation spanning the ISE show floor at Fira in Barcelona, coordinating eight partner companies across three booths in halls four and five. The activation ran twice daily over three consecutive days, streaming live to YouTube and partner interviews.



Live on the floor: KitPlus' Matt Snow gets the story behind Storm ISE directly from Dejero's Director of Global Brand & Marketing, Ivy Cuervo.



World debut: TITAN Command, the industry's first triple 5G connectivity platform, made its global launch at ISE 2026, deployed live as the backbone of Storm ISE.

Zone 1: Crisis Zone

Dejero

Ground Zero, TITAN Command deployed as the connectivity for the workflow. Dejero EnGo 3, video mobile transmitter, capturing and transmitting live video feeds into the cloud workflow.

Zone 2: Command Center

RGB Spectrum & FOR-A

FOR-A switching and signal routing. RGB Spectrum IPX Flyaway Kit managing video for situational awareness. Wall and multi-viewer displays. Data aggregated for situational awareness.

Zone 3: Broadcast Room

Afalite + Brainstorm

Brainstorm real-time 3D graphics engine featured on Afalite's fine-pixel LED screens. KitPlus live broadcast workflows delivering the final output across all booths.

Technology Stack

Dejero TITAN Command (Global launch at ISE 2026)

- Industry's first: Single PoE with three independent 5G modems, full carrier diversity and 14 integrated antennas
- Features universal compatibility, accepting direct Ethernet connections from Starlink, Eutelsat OneWeb, and other LEO satellite terminals
- Deployed at every WayPoint booth as connectivity backbone

Dejero Smart Blending Technology

- Per-packet, per-flow decision-making across all active data links
- Overcomes cellular congestion in RF-hostile ISE show environment
- Unified "network of networks" delivering a single reliable connectivity pipeline

Dejero EnGo 3 & WayPoint

- EnGo 3 captured and uploaded live feeds to cloud in real time
- WayPoints distributed SDI signals to each partner booth
- Live stream reproduced simultaneously across all three locations



Kevin Fernandes, CRO at Dejero, walks KitPlus' Matt Snow through TITAN Command, built from the field up, shaped by the customers and partners who depend on it most.

Alfalite

Europe's only large-format LED screen manufacturer, designing, building, and deploying fine-pixel displays for the world's most demanding broadcast, command, and live production environments.



End-to-end ownership

Alfalite designs, manufactures, installs, and maintains every screen in-house, from Lean Manufacturing principles to post-deployment service across Europe.



Virtual production & broadcast

The UHD FinePix and VP XR lines deliver the resolution independence and color accuracy demanded by virtual production studios and live broadcast environments.



Mission-critical certified

TAA-compliant components with NCAGE Code certification, meeting the rigorous standards required for defense, government, and public safety deployments.



Sustainable by design

The EcoFactory initiative underpins Alfalite's commitment to responsible manufacturing, reducing environmental impact without compromising on performance or quality.

"Alfalite's UHD fine-pixel LED walls brought the Storm ISE simulation to life, delivering the visual fidelity and operational reliability that mission-critical command environments demand, powered by Dejero's real-time connectivity backbone."

— Luis Garrido Fuentes, Executive Director, Alfalite

Brainstorm

Real-time data visualization and resolution-independent output, bringing live intelligence to every screen, every room, every stream.



Live data visualization

Ingests and renders complex data from external sources in real time — transforming raw feeds into compelling on-screen storytelling.



Unlimited simultaneous output

Resolution-independent output to LED walls, remote rooms, and live streams — all running concurrently without compromise.

"Brainstorm turns live data into broadcast-ready visuals the moment it arrives, giving production teams the speed and flexibility to tell the story as it unfolds, on any screen."

— Miguel Churruga, Marketing and Communications Director, Brainstorm



Dynamic template logic

Templates don't just display data — they interact with each other in real time, enabling intelligent, automated on-air workflows.



Flexible control surfaces

Operators choose their interface — from Aston OnDemand and StreamDeck to a smartphone — putting production control anywhere in the room.

Control Surfaces

Aston OnDemand

Broadcast-grade control

StreamDeck

Tactile shortcut control

Smartphone

Mobile-first flexibility

FOR-A is a worldwide, industry-leading manufacturer, offering a wide range of live broadcast and production products with a focus on cutting-edge technologies including HD, 4K and IP products.



Vast experience and knowledge

FOR-A has over 55-years of experience in the video industry and continues to meet the needs of today by adopting cutting-edge technology to a wide range of products, adopted globally by customers throughout the media and entertainment sector.



Environment appreciation

FOR-A assesses all of its products and production activities from an environmental standpoint in order to assure strict compliance with all environmental laws and regulations and to deliver environmentally responsible products - globally.



Product depth and reach

Markets that utilize video are growing, and methods of communication are changing significantly and dramatically.

FOR-A's philosophy of "Progressing hand-in-hand with our customers, based on mutual prosperity" is more important than ever, providing products, solutions and services to an ever increasing and versatile range of industries.



Technology unlimited

FOR-A continues to offer future-ready, cost-effective, advanced technology solutions. Products include video switchers, routing switchers, multiviewers, IP encoders/decoders, multi-channel signal processors, 8K/4K/HD test signal generators, color correctors, frame synchronizers, file-based products, graphics, video servers, virtual production, LED screens and much more.

"We were proud to be part of this world first initiative and to partner with such established technology suppliers. Our MFR-3100EX multi-format production centre was at the heart of the 'mission' providing integrated routing, switching, streaming and monitoring across all the areas."

— Fabio Varolo, Sales Manager, FOR-A Europe

KitPlus (Media Partner | RTS Award Winner)

The broadcast industry's go-to media platform, and the production team behind Storm ISE's live YouTube coverage, powered end-to-end by Dejero EnGo 3.



Live event production

KitPlus creates and streams broadcast-quality live coverage from the industry's biggest shows, ISE, NAB, and IBC, connecting brands with a targeted professional audience.



Editorial credibility

As an RTS award-winning media outlet, KitPlus brings independent editorial authority, their choice to use Dejero to power their own coverage is a genuine proof point.

"It's been an amazing experience. Our workflow is probably two to three times faster than it was. We're stunned at the reliability — you turn the EnGo 3 on, and it works."

— Simon Tillyer, KitPlus



Broadcast community reach

With roots in the UK broadcast industry since 2004, KitPlus reaches buyers, engineers, and decision-makers across the global broadcast and media technology sector.



Sustainable broadcast

KitPlus leads the industry's reuse and recycle movement through KitPlus Auctions, a sustainability-first approach that mirrors Dejero's own responsible business values.

Video from any source, to any destination, over any network, on any display, enabling better decisions, faster, in the world's most demanding environments.



Video wall processing

The IPX Flyaway Kit, deployed at Storm ISE, consolidates multi-source video feeds into a single situational awareness display, deployable anywhere in minutes.



Situational awareness

Aggregates video, data, and signal feeds from across an operation into unified, real-time displays, giving command teams the full picture when it matters most.



AV-over-IP distribution

Routes live video across any network to any display, with zero compromise on signal quality, latency, or reliability across multi-site deployments.



KVM & control room management

Simplifies operator control by consolidating multiple inputs under unified command, reducing complexity precisely when high-stakes decisions require clarity.

“Dejero is the unifier of data connections. We’re the unifier of images. That’s a wonderful partnership.”

— Scott Norder,
Chief Operating Officer,
RGB Spectrum

“Trade shows are amazing for bringing together partners to showcase technology as integrated systems, but it’s actually quite unusual to see this kind of activation on the show floor.”

— Rachel Archibald,
Director of Marketing,
RGB Spectrum

How It Worked

The EnGo 3 fed live video up to the Dejero cloud. A MultiPoint server multiplied the signal, distributing to WayPoints at each booth. Brainstorm took those SDI feeds, stitched multiple perspectives together, and broadcast the composite output back out, making round trips across the network in milliseconds.

Real-World Demonstration

Each live stream ran approximately 30 minutes, twice daily, for three consecutive days. Hosts Simon and Matt from KitPlus broadcasted from a different zone each day, interviewing partner engineers, product leads, and even a practicing first responder, proving the workflow in genuine field conditions.

Day 1: Crisis Zone



TITAN Command deployed in a simulated infrastructure failure, walking ISE visitors through a live end-to-end disaster response workflow.

Day 2: Command Center



RGB Spectrum’s IPX Flyaway Kit, with Dejero GateWay inside, managing video feeds for real-time situational awareness.

Day 3: Broadcast Room



Brainstorm’s real-time graphics engine rendering live data on Alfalite’s fine-pixel LED panels, the final leg of the Storm ISE signal chain.

First Responder Perspective

Storm ISE featured a candid conversation with Kieran Phillips, a volunteer first responder with the UK ambulance service. He spoke candidly about the life-safety stakes of reliable connectivity:

“Without reliable connectivity, you’re effectively in the dark. It’s critical to how we operate. We respond in rural communities where wooded areas cause real issues with radio.”

The inclusion of a practicing emergency responder, not a product manager, lent authenticity to the live streams.

Emergency response reality

- Dispatcher calls require seamless connectivity from field to control room
- Air ambulance crews use video to assess serious injuries before arrival
- Category 1 & 2 emergencies rely on national mobilization apps for data in real time
- Rural and weather-impacted zones regularly drop radio coverage

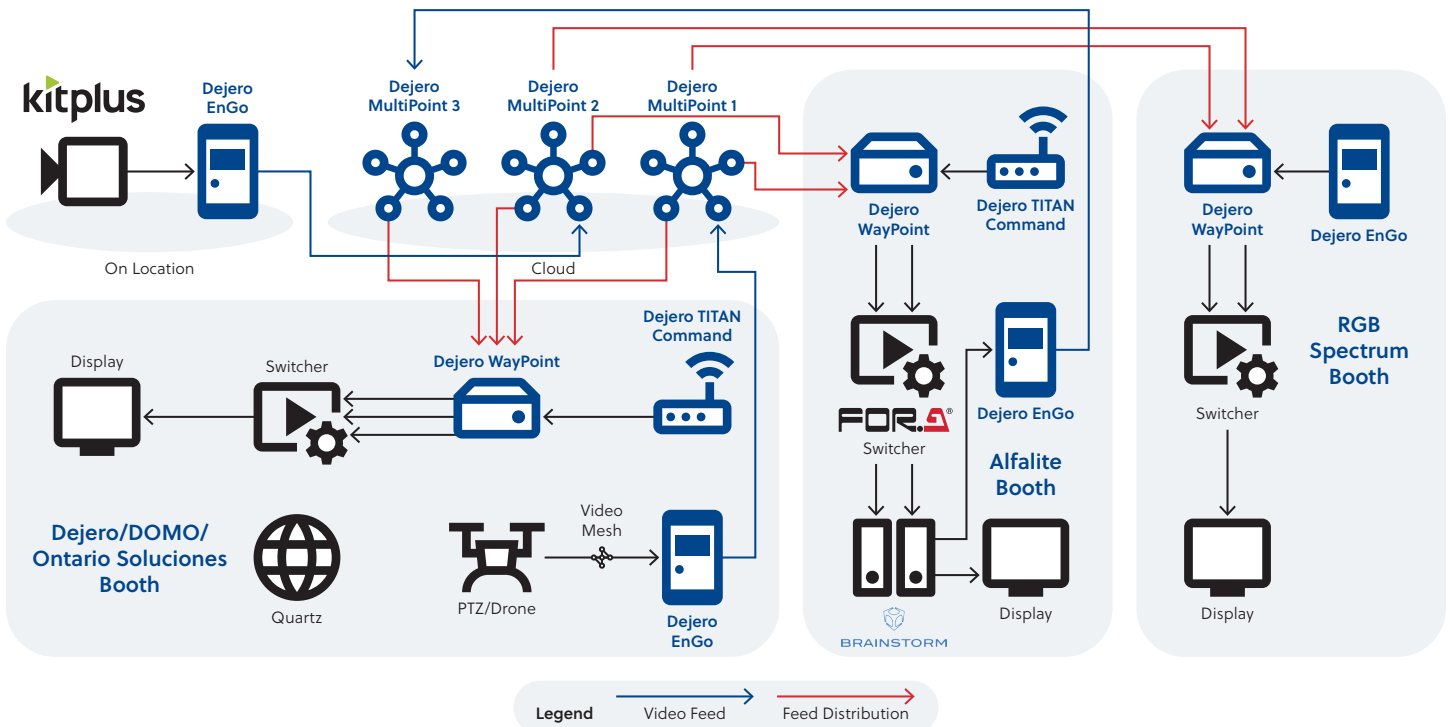
Results

Storm ISE proved that a full emergency-to-broadcast workflow can be operated live, seamlessly, across three separate locations in a congested trade show environment, with zero dropout and negligible latency.

8	3	6	0	<500ms
Partner companies coordinated live	Zones across two exhibit halls	Live streams over three days	Connectivity dropouts	Video latency end-to-end



Kieran Phillips, Sales Director at CJP Broadcast Service Solutions Ltd., volunteer UK ambulance first responder, brought real-world stakes to Storm ISE, a reminder that the technology on display isn't just impressive, it's life-critical.



From crisis zone to command center to broadcast room: the Storm ISE signal chain, live across three booths, powered end-to-end by Dejero Smart Blending Technology.

Partner Validation

“Trade shows are amazing for bringing together partners to showcase technology as integrated systems, but it’s actually quite unusual to see this kind of activation on the show floor.” — Rachel Archibald, Director of Marketing, RGB Spectrum

“Dejero is the unifier of data connections. We’re the unifier of images. That’s a wonderful partnership.” — Scott Norder, Chief Operating Officer, RGB Spectrum

“This setup was really something we’ve never done before. The different partners, the different technologies, we really wanted to make it fit for the ecosystem. This is a great solution for broadcast and connectivity, but also in remote locations where people need to be very connected.” — Eric Cuadra, Technical Account Manager, Dejero

“It’s been an amazing experience. Our workflow is probably two to three times faster than it was. We’re stunned at the reliability, you turn the EnGo 3 on, and it works.” — Simon Tillyer, KitPlus

“Brainstorm’s technology is perfect to create real-time 3D graphics rendered out of data coming from external sources, which allows the control room to better understand critical situations and make decisions based on the available information. Brainstorm can also provide different visuals and make them interact as required, so large amounts of raw data can be easily assimilated by the users.” — Miguel Churruca, Marketing and Communications Director, Brainstorm

“We were proud to be part of this world first initiative and to partner with such established technology suppliers. Our MFR-3100EX multi-format production centre was at the heart of the ‘mission’ providing integrated routing, switching, streaming and monitoring across all the areas.” — Fabio Varolo, Sales Manager, FOR-A Europe

Technical Insights

Smart Blending vs. bonding in a congested environment

The ISE show floor is among the most RF-hostile environments in the industry. With thousands of exhibitors and tens of thousands of attendees, cellular towers are saturated. Standard bonded solutions store-and-forward when bandwidth drops, causing video to cut, pause, or freeze entirely.

Dejero’s per-packet, per-flow approach operates differently: tiny data packets are dispatched simultaneously across every available link, with real-time decisions made at the packet level about flow and sequencing. The result is a single aggregated pipe that overcomes what Rory McCabe (Public Safety Channel Manager at Dejero) described as “the impossible” in a venue like ISE.

Multi-site video distribution in real time

The workflow routed live video from a single EnGo 3 up to Dejero cloud, where it was multiplied and redistributed via WayPoints to each of the three partner booths, simultaneously. Alfalite and Brainstorm then took that single broadcast-quality output, and transmitted that final signal back through the network to all booths, completing a full round trip in milliseconds.

Broader Impact

Storm ISE demonstrated that the same Dejero workflow powering a broadcast newsroom can also serve a command center, a crisis zone, or any remote site where reliable communications are non-negotiable. As Eric Cuadra from Dejero explained during the broadcast:

Why it matters

The challenges at ISE mirror those in real emergency environments: congested spectrum, unreliable infrastructure, and the need to move data across multiple sites without a dedicated network.

Smart Blending advantages

- Per-packet routing across all links
- Automatic traffic shifting during congestion
- Aggregates cellular + satellite + broadband
- No session-level handoff delays
- Sub-500ms latency maintained

Real-time redundancy

Three 5G modems with carrier diversity ensure no single network failure can break connectivity. Satellite connections plug in and are immediately added to the blending pool.



Eight companies, three booths, one signal chain, the Storm ISE partner teams gather at the Alfalite and Brainstorm booth after pulling off something the industry has never seen before.

"We've had people in public service, who needed connectivity solutions, come to us saying: 'I saw a broadcaster in the middle of nowhere transmitting with no problem. How do we get that same technology?' That's the real critical moment. That could be the difference between life and death." — Eric Cuadra, Dejero Technical Account Manager

Applications across business verticals

- Public safety dispatch and multi-agency coordination
- Broadcast journalism in remote or infrastructure-damaged areas
- Corporate and government command center modernization
- Live event production in RF-hostile or outdoor venues
- Military and defense tactical communications
- Any scenario where multiple sites must share video and data in real time

Industry Recognition

Dejero TITAN Command won MIX Best of Show Award at ISE 2026, recognized for its technical innovation and real-world demonstration of integrated connectivity.

Full partner information and product details available at dejero.com/ise-2026.

Conclusion

Storm ISE wasn't just a trade show activation. It was live proof, and under pressure, that mission-critical connectivity can anchor an entire ecosystem of technologies, stakeholders, and sites simultaneously, without a single dropout.

Eight technology leaders came together to make it happen. **Alfalite** transformed live data into actionable intelligence on its UHD fine-pixel LED displays.

Brainstorm rendered real-time 3D graphics that brought the simulation to life in the broadcast room. **FOR-A** brought its signal distribution expertise to the command center as part of the integrated architecture. **KitPlus** broadcast the entire simulation live, hosting and producing broadcast-quality coverage across all three zones. **RGB Spectrum** deployed its IPX Flyaway Kit to enable real-time situational awareness under simulated emergency conditions. **Domo Broadcast Systems** and **Ontario Soluciones** joined as ecosystem partners, sharing the show floor and reinforcing the breadth of the mission-critical community that rallied around the demonstration.

Anchoring all of it: **Dejero Smart Blending Technology** and the newly launched **TITAN Command**, the connectivity backbone that unified every partner, every feed, and every site into one seamless, failure-proof chain.

Together, they demonstrated something the industry had been told wasn't possible in a trade show environment: a complete, end-to-end emergency response and broadcast workflow, live across three booths, in one of the world's most RF-hostile venues, with zero compromise.



Dejero's Ivy Cuervo and Eric Cuadra with the MIX Best of Show Award, recognition that mission-critical connectivity, demonstrated live and under pressure, speaks for itself.

