

OFFICIAL NEWSLETTER

Official Newsletter of Critical Messaging Association



RESILIENCE THROUGH COLLABORATION



Critical communications have always been built around one fundamental expectation: the message must get through when it matters most.

But the environment surrounding that message continues to change. Organizations increasingly depend on a complex mix of dedicated radio networks, paging, cellular and broadband services, IP infrastructure, applications, devices, and interconnected systems. Each brings important capabilities. Each can also face disruption.

That reality is changing the conversation around resilience. The question is no longer simply which technology is best. Increasingly, it is how different technologies, networks, and people can work together to create communications that are more resilient than any single component alone.

That spirit of collaboration can be seen throughout the critical communications community, from hybrid alerting and independent communication paths to proactive network monitoring and new approaches to public-safety communications.

It will also be at the center of the conversation when the CMA community gathers in Bergamo, Italy, October 7–9 for #CMAmilano26.

In this issue, we look at what resilience means in today's communications environment and why collaboration may be one of the most important tools we have for strengthening it.

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When One Network Isn't Enough - The New Resilience Model for Critical Communications

Reliability, coverage and speed have long defined communication performance. But today's critical communications environment requires another question:

What happens when that network isn't available?

No communications infrastructure is immune to disruption. Network congestion, equipment failures, power interruptions, damaged infrastructure and major emergencies can all affect availability. True resilience means planning for how communication continues when one path is unavailable.

Dedicated paging, P25 and TETRA systems, cellular, broadband, Wi-Fi and other technologies each offer different strengths. Rather than asking which technology should replace another, organizations can consider how independent communication paths can complement one another and reduce reliance on any single infrastructure. This represents a shift from simply having a backup to designing resilience into the communication architecture itself.

This shift creates an opportunity for greater collaboration across the critical communications industry. Dedicated networks, commercial services, broadband technologies and specialized alerting platforms do not have to compete for a single role. By understanding where each technology is strongest and where its dependencies lie, organizations can build communication strategies that use those differences to create greater resilience.

The future of critical communications may be less about choosing one technology and more about intelligently combining technologies whose strengths and infrastructure complement one another. Because when communication is critical, resilience should never depend on everything going exactly as planned.



TRUE RESILIENCE ISN'T
JUST HAVING A BACKUP.
IT'S DESIGNING
COMMUNICATION
TO CONTINUE WHEN
ONE PATH DOESN'T.





Member and Industry News

TPL Systèmes and PRISM-IPX Demonstrate P25 Solutions at APCO



TPL Systèmes recently joined U.S. partner PRISM-IPX Systems at APCO International in San Antonio, where the companies demonstrated P25 Fire Station Alerting and P25 siren-management technology. TPL described the event as an opportunity to exchange ideas with partners and public-safety professionals about the future of mission-critical communications. The collaboration is also a useful example of expertise crossing borders as organizations work to solve increasingly complex public-safety communication requirements.

Hybrid Critical Communications on Display at AFAC26

More recently, TPL Systems Asia Pacific participated at AFAC26 alongside EaseAlert and Airbus Public Safety and Security, highlighting hybrid critical communication solutions and fire-station alerting technologies. Together, these activities reflect a broader industry movement toward communications architectures that combine technologies rather than relying exclusively on one path.

DAC SYSTEM Focuses on Seeing Problems Before They Become Failures

DAC SYSTEM has been highlighting another component of resilience: continuous visibility into RF infrastructure. Recent technical content from the company focused on continuous noise-floor measurement, intermittent interference detection, long-term RF trending and real-time monitoring. DAC highlighted continuous monitoring across P25, TETRA, DMR and LTE environments as a way to identify anomalies before they affect operational communications. DAC's RF Guardian was also recognized as a finalist for Best TETRA Product or Solution of the Year at the 2026 International Critical Communications Awards.





Tech Corner

Building Resilience Before the Failure



Critical communication resilience is about anticipating disruption, not simply responding to it. Reliability has traditionally focused on what happens when something goes wrong. Today, technology is giving organizations an opportunity to look further upstream.

Continuous RF monitoring can help identify interference, changing conditions and potential network issues before they affect communications. As monitoring capabilities advance, AI and data analysis may also offer new ways to recognize patterns, identify anomalies and potentially provide earlier warning of developing issues.

But what does it really mean to build resilience before the failure? Consider a few questions:

- What warning signs could your organization detect before a communication failure occurs?
- Could AI and data analysis eventually help identify patterns that indicate a developing network or infrastructure issue?
- If your primary communication path suddenly became unavailable, how quickly could critical messages move to another path?
- Are your alternate communication technologies truly independent, or do they share some of the same infrastructure and vulnerabilities?
- When was the last time those backup paths were actually tested?

Dedicated paging, P25, TETRA, cellular, broadband and other technologies each bring different strengths and dependencies. Hybrid communication strategies can use those differences to create multiple paths and reduce reliance on any single infrastructure.

Together, these approaches represent an important shift: Detect earlier. Plan for alternatives. Keep critical communications moving.

THE GOAL ISN'T ZERO
DISRUPTION.
IT'S UNINTERRUPTED
COMMUNICATION.

MODERN RESILIENCE
COMBINES EARLY VISIBILITY
WITH REDUNDANT
COMMUNICATION
TECHNOLOGIES SO
ORGANIZATIONS CAN
CONTINUE OPERATING
WHEN ONE PART OF THE
INFRASTRUCTURE IS
COMPROMISED.





REMEMBER TO LIKE, SHARE & RETWEET
TO BENEFIT ALL MEMBERS

#CMAmilano26 The Conversation Continues in Bergamo October 7–9, 2026 | Bergamo, Italy



The countdown is on! In two weeks, the Critical Messaging Association (CMA) community will gather in Bergamo, Italy, for #CMAmilano26, a focused event exploring how critical communications are evolving in an increasingly connected world. From network failure and independent communication paths to hybrid alerting, cellular mission-critical communications, paging, P25, fire and personal-safety communications, RF quality and architecture, and emerging innovations, the conference will tackle the technologies, strategies, and partnerships shaping the future of critical communications.

Under the theme “Collaboration between technology and people. For security in mobile communications,” #CMAmilano26 will bring together industry professionals, technology providers, network operators, and members of the critical messaging community to exchange ideas, share real-world experience, and explore how collaboration can strengthen communication resilience.

Explore #CMAmilano26 and registration information:
<https://critmsg.org/events/cma-milano26/>

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