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EBDS, French distributor, presents ruggedized 5G solutions for cyber-resilient critical communications

Grenoble, April 8, 2026 — EBDS, French distributor specializing in wireless solutions and antennas and an exhibitor at Milipol 2025, is showcasing 5G routers from IoT giant Semtech. These ruggedized connectivity solutions are designed for public safety forces, military units, and operators of critical infrastructure, who face increasingly sophisticated threats to their communication networks.

Cyber resilience at the heart of critical communications



During the severe weather that recently struck certain regions of France, much of the infrastructure was damaged, temporarily cutting off entire areas. In such situations, the coordination of rescue efforts depends entirely on the ability to maintain reliable communication, even under difficult conditions.

Cyber resilience thus becomes a critical factor: it is no longer simply a matter of ensuring a connection, but of guaranteeing its continuity, security, and integrity in the face of both technical glitches and digital threats.

This observation also applies to defense operations, where the reliability of communications directly determines the success of missions. In these demanding environments, the ability to maintain secure, available, and continuously controlled data flows has become a strategic priority.

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Semtech, a key player in critical connectivity

In a world where communications must remain available under all circumstances, Semtech has established itself as a leading player in the critical network's ecosystem. Through its 5G portfolio, the company develops solutions designed to ensure reliable, secure, and sustainable connectivity, even in challenging or degraded environments. Its approach is based on tight integration between hardware, software, and services, notably through the ALMS platform, enabling continuous monitoring, secure updates, and granular security management. It is this comprehensive vision, focused on operational continuity and cyber resilience, that underpins the entire product portfolio offered by EBDS.



A range tailored to every level of on-site demand

To meet the diverse needs of critical applications, EBDS offers a comprehensive range of 5G routers, each designed for a specific operational context and sharing one key feature: their ability to operate reliably in challenging environments, including ATEX zones.

The RX400 embodies a new approach to connectivity with 5G RedCap: it combines the performance of 5G with the power consumption of an IoT router. Compact, sleek, and exceptionally rugged, it is ideal for remote sites, distant infrastructure, or battery- or solar-powered equipment. Its rugged design allows it to operate in demanding industrial environments while ensuring stable, remotely manageable connectivity. It includes essential features such as VPN, a firewall, and centralized management, ensuring secure and continuous operation. [Learn more about this product.](#)



The XR60 offers full 5G connectivity, with higher performance tailored for more demanding applications. Despite its compact size, it is designed to withstand harsh conditions, including vibrations, shocks, and extreme temperatures. Compliant with demanding industrial standards, including MIL-STD specifications, it integrates seamlessly into emergency response vehicles or challenging industrial environments. It enables efficient management of multiple data streams while ensuring reliable and controlled connectivity, even on the go. [Learn more about this product.](#)



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Finally, the XR90 stands out as the most comprehensive 5G router in the lineup for mission-critical applications. Designed for law enforcement, emergency services, and transportation operators, it features a dual 5G module—a key component for ensuring redundancy and service continuity. Certified for demanding environments, particularly in the rail sector, and compliant with high durability standards (including military standards), it is designed to operate without interruption in the most critical situations. Its ability to manage multiple networks simultaneously and maintain communications under all circumstances makes it a central tool for field operations. [Learn more about this product.](#)



« In security operations, a loss of communication can have irreversible consequences. Semtech's 5G routers are designed to eliminate this risk, featuring military-grade ruggedness, built-in cybersecurity, and remote management capabilities even in degraded conditions. This is exactly what we offer to professionals in the security and defense sectors.

— Marie Vuillard, Marketing Manager, EBDS

About EBDS



EBDS is a French distributor specializing in wireless solutions and antennas for professionals in mission-critical environments. As a partner to leading manufacturers—including Semtech, Racom, and Panorama Antennas—EBDS selects and distributes resilient communication solutions. These solutions support proven technologies for organizations in the security, defense, and critical infrastructure sectors. Its mission: to provide operators with the most high-performance, interoperable, and immediately deployable solutions.

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