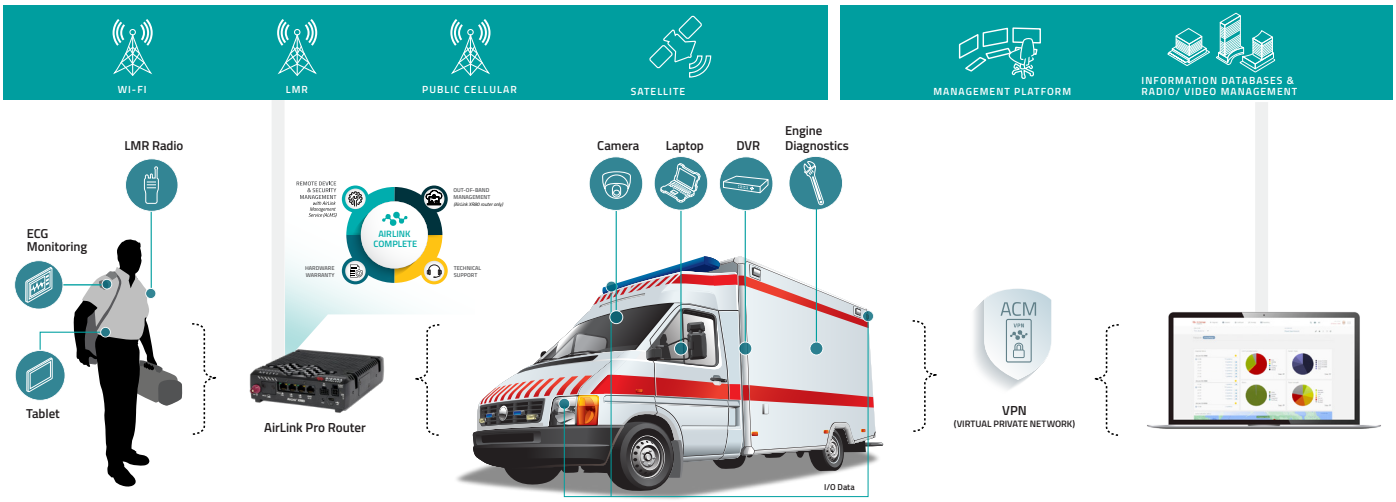
Saving Lives Through Real-Time, Always-On Connectivity

AirLink® Pro router solutions enable reliable communications between EMS vehicles and local hospitals

- Access complete electronic patient care records (EPCR) in real-time to better treat emergencies
- Quickly transmit patient data back to the hospital so doctors can be better prepared for patient arrival
- Reliably connect communications and lifesaving equipment through a robust vehicle area network



A **Vehicle Area Network (VAN)** offers a scalable end-to-end architecture that leverages AirLink Pro Router Solutions to:

- Create a hub of real-time connectivity for all EMS equipment and technologies in and around the vehicle. This enables secure, high-speed communications with hospitals and databases through resilient 5G, Wi-Fi 6 and gigabit ethernet connectivity.
- Gain priority and preemption connectivity using Public Safety Networks.
- Securely obtain patient records and transmit large data files (e.g., EKG data or digital x-rays) or real-time video feeds to hospitals while en route.
- Enable dispatch to validate vehicle position and status.

SOLUTION COMPONENTS

Ruggedized Routers

End-to-end Security

Remote Management

24/7 Technical Support

Mobility Reporting

A Solution for Your Specific Needs

With a wide portfolio of solutions, AirLink Pro routers cater to the diverse and specific needs of EMS agencies.

PERFORMANCE ROUTERS

The AirLink XR60 delivers high-performance 5G and Wi-Fi 6 connectivity to connect your EMS equipment and vehicles. Supporting up to 32 Wi-Fi clients and featuring up to 2 Ethernet ports, Cognitive Wireless, and dual-band GPS, the XR60 can securely connect multiple devices running data-intensive applications in and around your ambulances. With its ultra-compact design, the XR60 seamlessly integrates into your gear-packed EMS vehicles.

ULTIMATE ROUTERS

For the most demanding applications, the AirLink XR80 delivers ultimate 5G and Wi-Fi 6 performance and multi-network connectivity. Featuring a dual 5G option, up to 4 ethernet ports, support for up to 256 Wi-Fi clients, 5 GPIO, plus Cognitive Wireless, dead reckoning GPS, and telemetry capabilities, it is particularly suited for large and complex vehicle area networks.

View and compare all AirLink routers online.

INTELLIGENT AND SECURE MANAGEMENT

Connecting your critical assets goes beyond deploying a router. It requires real-time visibility, robust security and proactive management of large-scale networks from multiple locations. AirLink Services are designed to give you visibility and control over your network.

- Manage thousands of routers as easily as one: deploy configuration changes, add new routers or update routing policies in just a few clicks.
- Gain valuable insights and manage your entire fleet of routers through a single platform with real-time data, dashboards and automated alerts.
- Optimize your deployment, management and troubleshooting costs with remote management and 24/7 expert technical support.
- Add an extra layer of security by requiring on-premise authorization of all cloud-triggered operations and by isolating your operational network from the management network with the Hybrid Cloud option.
- Gain critical insight into the state of your mobile fleet, its network connectivity and vehicle status with the AirLink Premium option.

Learn More: AirLink Services

You can count on Semtech

FIELD PROVEN RELIABILITY - PROFESSIONAL EMS ORGANIZATIONS TRUST SEMTECH TO SUPPORT PARAMEDICS IN THE FIELD

With more than 30 years of cellular experience, Semtech is a trusted provider of Public Safety solutions and currently serves hundreds of organizations globally. We understand the challenges first responders face in the field.

PURPOSE-BUILT FOR SECURE RUGGED OPERATIONS

Unlike desktop routers built for office use, AirLink routers are purpose-built and tested against rigorous military and industry standards (MIL-STD 810 / IP64) to survive in extreme environments.

Learn More

PURPOSE-BUILT FOR PUBLIC SAFETY

Semtech has solutions certified for use on Public Safety Networks including FirstNet (U.S.), Verizon Frontline (U.S.), T-Mobile for Government (U.S.) and ESN (UK).

TRUSTED PARTNER

All our solutions come with comprehensive services to enable your routers to operate securely and at peak performance. We support our customers with 24/7 technical support, hardware warranty, remote management and unrestricted access to firmware and security updates with AirLink service subscriptions.

Learn More

Contact Us To Learn More

Find out more, visit: https://www.sierrawireless.com/router-solutions/public-safety-networking/ or email sales@sierrawireless.com for more information.

About Semtech

Semtech Corporation (Nasdaq: SMTC) is a high-performance semiconductor, IoT systems and cloud connectivity service provider dedicated to delivering high-quality technology solutions that enable a smarter, more connected and sustainable planet. Our global teams are committed to empowering solution architects and application developers to develop breakthrough products for the infrastructure, industrial and consumer markets.

To learn more about Semtech technology, visit us at **Semtech.com** or follow us on **LinkedIn** or **X.**

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