



Ultra-Rugged In-Vehicle Platform (Public Safety Applications)

POWERED BY: 

AirLink™ MP 597 & MP 890

Connectivity for high-speed mobile data as well as routing and dispatch.

Public safety agencies rely on Sierra Wireless AirLink MPs for mission critical applications. Robust intelligence powered by ALEOS™, makes the MP a powerful, in-vehicle wireless solution that provides persistent connectivity for a true mobile office environment.

Dispatch and Tracking - The AirLink MP is equipped with high-sensitivity GPS to ensure real-time, precise location for an entire fleet. This allows agencies to allocate resources to the scene of an emergency by allowing operators to efficiently locate and dispatch vehicles according to their actual proximity to an incident, improving the delivery of public safety vehicles throughout a district. Integration with existing Computer Aided Dispatch (CAD) systems make the MP part of a comprehensive public safety solution.

Events Reporting - The ALEOS Events Reporting Engine provides real-time event status in the host vehicle, such as "speed limit threshold crossed," "man down alert", or "siren engaged." Vehicles can report status and actionable event notifications rather than regularly scheduled raw data to ensure time-sensitive information is presented at the right place and at the right time for better decision making and overall system efficiency - a critical advantage for customers that rely on real-time data for their AVL, fleet management, or mobile resource management. This engine is highly customizable to meet different agencies' specific information requirements.



True Mobile Access

To optimize processes information needed by technicians and staff in the field, the AirLink MP connects the public safety worker with the backend to improve productivity, increase the safety of the community, and automate paper processes. Mobile broadband capabilities enable a true mobile office by allowing access to vital back-end databases (NCIC, DMV, etc.), bringing the central office to the officer's fingertips.

Simplified Remote Management

Having the ability to manage a fleet of gateways require remote diagnostic and configuration capabilities. Deeply integrated with ALEOS and ACEware, the AirLink MP can access the devices in the field without interrupting service and at times without dispatching a field technician. Configuration parameters, firmware upgrades, and regular maintenance can be pushed over-the-air with minimal user intervention.

SIERRA WIRELESS
AirLink™ Solutions

AirLink™ MP

Ultra-Rugged In-Vehicle Platform

Public Safety Applications



MOBILE DATA SCENARIO

CUSTOMER

- Highway patrol requires rugged, high-speed reliable connectivity for mobile data to access critical back-end information.

SOLUTION

- Fully IPsec compliant VPN connection to headquarters
- Mobile access point option for connectivity to laptops and handheld devices

BENEFITS

- Real-time access to State and Federal databases
- Increased productivity and improved public service

DISPATCH & TRACKING SCENARIO

CUSTOMER

- Fire Department requires district-wide rugged routing solutions

SOLUTION

- AirLink MP's rugged form factor - MIL STD certified for high performance in harsh environmental conditions
- Precise GPS technology for accurate routing

BENEFITS

- Reliable Connectivity - Always-on, Always-aware connectivity for critical data applications
- Improved response time - Respond to incidents faster
- Cost savings - Reduce overall transportation and support cost associated with emergency dispatch

Features

- Mil Spec and SAE specs for vibration, shock, drop, humidity, and extreme temperatures
- Event reporting system
- I/O port for tracking and alarms
- Optional Wi-Fi Wireless Access Point capability
- Serial, USB and Ethernet ports
- 3 Year Warranty
- ALEOS Embedded Intelligence
- ACEware Remote Management Tools



Benefits

- Ultra-Rugged for mission critical applications
- Enhanced Security
- Persistent high-speed wireless data connectivity
- Hot Spot option for Wi-Fi capabilities
- GPS module provides accurate position and velocity tracking
- I/O functionality to allow automatic event reporting through triggers
- Remote field management, control and configuration
- Highly configurable real-time exception based reporting



AirLink Products are
POWERED BY:



... and **MANAGED BY:**



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P/N MPPUBLICSAFETY101409

ALEOS and ACEware tools enable customers to seamlessly deploy and manage complex M2M solutions and drastically reduce the total ownership cost (TOC). Embedded into ALEOS and included with every AirLink device, ACEmanager allows customers to set-up and configure out-of-the-box. For a comprehensive remote management solution customers can also upgrade to ACEnet for a commercial-grade, hosted management experience to manage an entire deployment of AirLink gateways and routers.



* For more information on ALEOS and ACEware, please visit http://www.sierrawireless.com/software/M2M_solutions.aspx.