



Field Service Applications

AirLink™ GX400 Multi-Purpose Gateway



POWERED BY: **ALEOS™**

Intelligent, Rugged 3G Communications Platform for Mobile Field Service Applications

The GX400 multi-purpose intelligent gateway provides a flexible platform with multiple interfaces, persistent cellular connectivity and a built-in expansion slot to provide the versatility and scalability required for today's growing, evolving field service applications. Its compact, rugged form factor and advanced GPS make it a powerful in-vehicle solution for transportation, public safety and utilities.

IN-VEHICLE COMMUNICATIONS AND FIELD FORCE AUTOMATION

Mission critical applications require reliable, secure wireless connectivity to remotely monitor fleets for field service, utility and public safety organizations. The AirLink GX400 is equipped with high-sensitivity GPS to ensure real-time fleet tracking allowing vehicle dispatch by proximity to an incident or site and improving vehicle allocation efficiency. Integration with existing CAD systems makes the GX400 part of a comprehensive transportation or public safety solution, and - when integrated with third-party GPS location application providers - enables delivery of complete asset tracking and location solutions.

MOBILE DATA ACCESS

The GX400 connects public safety and other field workers with their back-end systems to improve productivity, automate paper processes and improve customer service and community safety. Mobile broadband capabilities enable a true mobile office environment, bringing the central office to a field worker's fingertips and enabling real-time information processing. As rugged as the toughest Sierra Wireless gateway, the GX400 is the first to be IP 64 rated for dust and water resistance, providing optimal performance in mobile data environments.

INTELLIGENCE AT THE END-POINT

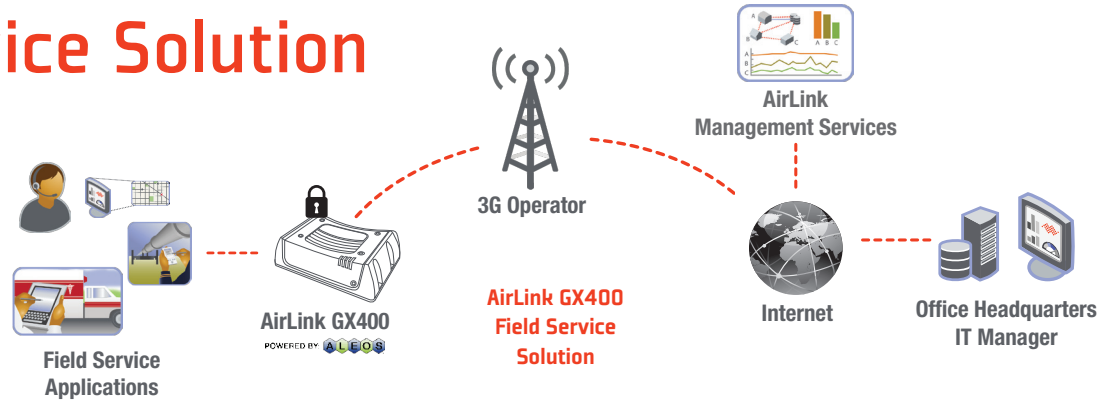
Embedded ALEOS intelligence enables a highly configurable environment for out-of-the-box set-up and deployment. By leveraging AirLink Management Services, customers can minimize costly field visits by performing device maintenance system and network diagnostics for their entire deployment from anywhere with an Internet connection. Configuration parameters, firmware upgrades and regular maintenance can be pushed over-the-air with minimal user intervention, eliminating equipment downtime. The GX400 also features a low power mode/wake up timer for lower energy consumption, increased efficiency and reduced costs. Lower consumption rates and minimized field service trips decreases total cost of ownership and result in a quicker ROI.

PRODUCT FLEXIBILITY AND SCALABILITY

The GX400 includes an expansion slot to enable additional features, such as extra interfaces or Wi-Fi connectivity, without requiring design changes or further certifications. The multi-use gateway is embedded with legacy protocols for integration with existing equipment and capital infrastructure, and is built on a robust ARM11-class processor to support new features and technologies. It supports multiple interfaces, including Serial, Ethernet and USB on-the-go.



AirLink GX400 Field Service Solution



SCENARIO: MOBILE DATA

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
- Reliable 3G connectivity for real-time access to critical back-end databases
- Integration with 3rd party peripheral equipment (man-down alarms, ticket printers, finger print readers) for a full mobile office environment

BENEFITS

- Immediate: Real-time access to State and Federal databases
- Efficient: Increased productivity and improved public service
- Strong: Ultra-rugged for mission critical applications

SCENARIO: FIELD FORCE AUTOMATION

CUSTOMER

- Utility company requires service vehicles and operators to access back-end data while in the field

SOLUTION

- GX400 integrated with 3rd party AVL application and Garmin PND for job ticketing and dispatching
- Persistent connectivity to manage customer data
- In-vehicle entry to company file directory

BENEFITS

- Prudent: Reduces costs by automating processes and eliminating errors
- Optimized: Intelligence for pervasive connectivity to access customer information in real-time
- Smart: Improved customer service through more efficient allocation of resources to meet tight schedules



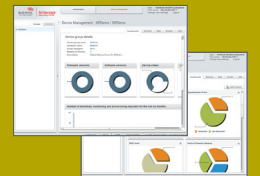
RUGGED INTELLIGENCE

ALEOS™ embedded intelligence powers AirLink devices and supports 24/7 always-on persistent connectivity, secure real-time, two-way data exchange.



REMOTE MANAGEMENT

AirLink Management Services (AMS) is a comprehensive hosted one-to-many remote device management tool. Its feature rich capabilities allow customers to remotely update firmware, check device status, schedule commands and much more.



Together, ALEOS and AMS provide a cloud solution that requires minimal set-up for a simplified deployment.

For More Information

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