Streaming Video + Surveillance Powered by 4G

AirLink GX440 4G/LTE Gateway

POWERED BY:

ALEOS™

Intelligent, Rugged 4G Communications Platform for Video Applications

The GX440 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 mobile broadband needs. Its compact, rugged form factor, high-speed Ethernet port and reliable, secure cellular connection make it ideal for use in applications where real-time video is required.

BROADBAND ANYWHERE

Video surveillance cameras can be deployed in all types of locations and environments. Being constricted by wireline infrastructure can limit flexibility and create long lead times for installation. 4G technology will significantly enhance the quality of streaming video applications and the GX440 provides a rugged a scalable platform to support 4G LTE broadband data.

RUGGED, RELIABLE AND VERSATILE

The AirLink GX440 is the first truly rugged 4G/LTE device of it's kind. By integrating an LTE module on an ARM11 class processor, the GX440 is can support LTE data speeds. Furthermore, designed and certified to meet the most rugged specifications (MIL-STD, IP64, e-Mark) the GX440 can be deployed in nearly any environment. To further enhance it's versatility, the GX440 is equipped with an expansion slot for support additional applications like WiFi to enable multiple cameras with one hotspot.

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.
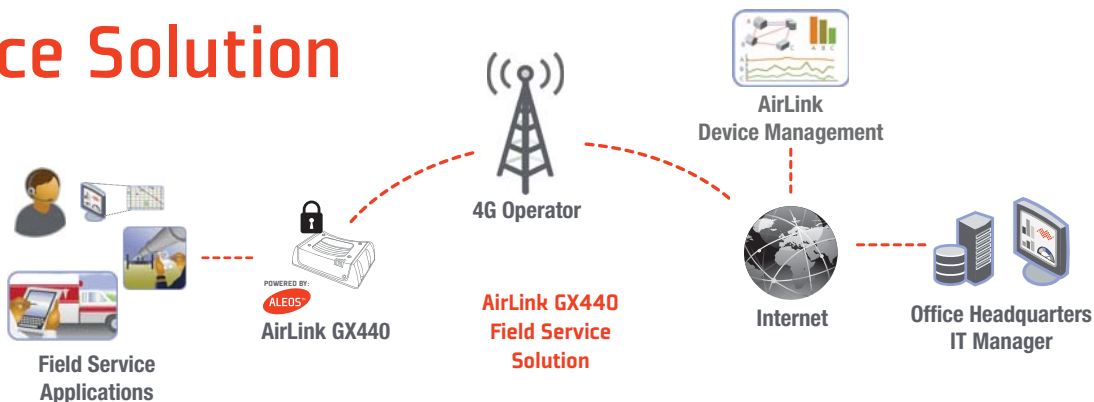
The new ALEOS Application Framework is a powerful embedded software environment that M2M applications on the ALEOS foundation. An example custom application for security is adding exception based intelligence to the device to determine when to stream live video.

SECURE DATA TRANSMISSION

The GX440 is powered by ALEOS™, an embedded intelligence engine with 15 years of deployments in real world applications. ALEOS is embedded with security features, such as an IPsec compliant VPN and GRE tunneling, that ensure that data is secure from any unauthorized access. Secure user access levels ensure that your sensitive data is protected.

AirLink GX440
Surveillance Solution

AirLink Device Management

4G Operator

POWERED BY: ALEOS®

AirLink GX440

AirLink GX440 Field Service Solution

Internet

Office Headquarters IT Manager

Field Service Applications

SCENARIO: COVERT SURVEILLANCE

CUSTOMER
• Public Safety organization or municipal government

SOLUTION
• 4G cellular gateways integrated with covert security cameras

• Pole mounted and vehicle mounted surveillance in known crime areas

BENEFITS
• Reliable: Uninterrupted, near 100% uptime connectivity for mission critical applications

• Rapid Deployment: With no landlines to run, covert cameras can be installed in a matter of minutes instead of days or weeks

• Rugged: GX440 can be installed in nearly any environment

SCENARIO: LIVE WEBCAM

CUSTOMER
• Resort community or special interest location (e.g. Times Square, beach resort)

SOLUTION
• 4G cellular gateways integrated with camera to provide "webcam" access on-line

• Mounted in high traffic areas as promotional tool

BENEFITS
• Independent: Not reliant on landlines

• Convenient: Simple set-up and management

• Portable: Entire video solution can easily be installed and moved to new locations

• Broadband: 4G access enables streaming video for optimal user experience
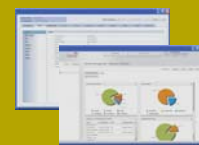
RUGGED INTELLIGENCE

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

ALEOS™

DEVICE MANAGEMENT

Comprehensive device management allows customers to remotely update firmware, check device status, schedule comments and much more.

INTELLIGENCE ON THE EDGE MADE EASY

ALEOS Application Framework provides the best of worlds in a powerful developers environment built on the reliable ALEOS foundation.

SIERRA WIRELESS™

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