Sierra Wireless is the global technology partner for cellular-based wireless mobile computing and M2M solutions.

The AirLink™ products offer a full-line of innovative, intelligent and programmable communications platforms for mission critical applications.

- Energy
- Infrastructure + Security
- Transactions
- Business Continuity
- Fleet Management + Tracking

SIERRA WIRELESS™ | AirLink™

Reliable Communications for Key Market Segments
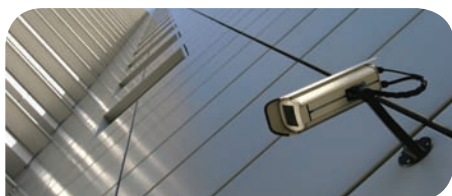
ENERGY
OIL AND GAS, WATER, ELECTRIC, RENEWABLE

Utility providers manage remote assets deployed throughout expansive geographic areas that increasingly require robust, rugged and secure, two-way communications to more efficiently manage generation and distribution. AirLink devices enable energy providers to remotely monitor and facilitate mission critical applications such as transmission and distribution monitoring, control and management as well as advanced metering and demand/response solutions.

INFRASTRUCTURE + SECURITY
SURVEILLANCE, DISASTER RECOVERY, INTELLIGENT TRANSPORTATION, REMOTE MONITORING

Safety, security and reliability are important factors for all networked infrastructure systems. AirLink rugged, intelligent wireless gateways and routers enable secure, always-on and always-aware data exchange between control centers and their remote devices. Capabilities include persistent monitoring of critical remote assets and systems, alarm triggered video surveillance, real-time traffic measurement and control and contaminant screening.

TRANSACTIONS
POINT–OF–SALE, ATM, VENDING, KIOSK, DIGITAL SIGNAGE

The dynamic nature of today's retail centers and banks have put increasing pressure on organizations to reduce down-time, manage operating costs and improve customer service. To meet new customer demands and remain operationally efficient, many retailers and financial institutions are turning to public wireless networks for reliable, secure and flexible IP services. With a robust feature set, including broadband data transfer, IP security, persistent two-way communications and remote management capabilities, AirLink intelligent wireless gateways and routers provide a powerful boost to sales and payment applications. Security protocols and secure device login, enable AirLink devices to ensure a PCI compliant solution

BUSINESS CONTINUITY
PRIMARY AND BACKUP WIRELESS CONNECTIVITY

The perfect solution for a primary or redundant connection to any network device over broadband cellular data networks, AirLink cellular gateways and routers are interoperable with standard networking infrastructure equipment without the need for special cabling or equipment. Intelligent failover and embedded security protocols enable customers to significantly enhance the reliability and security of their critical communications network.

FLEET MANAGEMENT + TRACKING
PUBLIC SAFETY, FIELD SERVICE, MOBILE RESOURCE MANAGEMENT, MOBILE HOT SPOT

To be competitive and efficient, businesses are demanding real-time broadband communications for their mobile workforce. AirLink robust mobile platforms provide reliable, consistent wireless connectivity enabling secure two-way data communications over ubiquitous wireless networks for a broad set of public safety and enterprise applications. Our communications platforms also provide GPS tracking and vehicle sensor information to monitor, control and manage your fleet in real-time.

CONFIGURABLE INTELLIGENT GATEWAYS

| AirLink Raven XE | AirLink Raven XT | AirLink Raven X | AirLink PinPoint XT | AirLink PinPoint X | AirLink GX400 |

Comprehensive Software

With a broad suite of software to enable configuration, programming and remote management, AirLink products simplify complex mobile and M2M deployments.

ALEOS Advantage

ALEOS simplifies installation, operation and maintenance of any wireless data solution by providing a broad set of foundational functionality (e.g. session persistence, secure OTA updates, and remote management, diagnostics) and many built-in application services making AirLink devices highly configurable and ideal for a wide set of customers.

AirLink Communications Platform

POWERED BY: ALEOS

3G Data and GPS

Internet

Applications / Devices

Open AT – A Powerful M2M Programming Platform

AirLink Programmable Modems are supported by the Open AT Operating System, which enables customers and integrators to develop and deploy their own embedded programs and applications. Open AT provides an Application Development Library and a set of high level APIs for easy application development and commercialization.

Sierra Wireless
AirLink Products EcoSystem

Headquarters

Customer Applications

AirLink Management Services

AirLink Device Management

ALEOS facilitates comprehensive remote configuration and troubleshooting capabilities. All ALEOS powered AirLink devices feature OTA configuration via the suite of AirLink device management tools.

AirLink Management Services is a cloud-based remote management tool featuring rich capabilities that allow customers to remotely update firmware, check device status, schedule commands and much more for one device or thousands simultaneously.

- Simple out-of-the-box experience
- Comprehensive Device Configuration
- Hosted Remote Management
  - Remote Diagnostics and Troubleshooting

ALEOS Application Services Examples

Industrial M2M	Enterprise	Transportation

ENERGY
• Configurable Serial Protocol Support
• IP Filtering/Friends List
• PAD Modes
 	
INFRASTRUCTURE + SECURITY
• ModBus, DNP3, BSAP, DF1, etc.
• Events Reporting (Alarms/Sensors)
• Port Forwarding, Port Filtering NAT-T
• IPsec VPN
	BUSINESS CONTINUITY
	• VRRP, WAN Failover
	• Security
	  - IPsec VPN, GRE, Multiple VLANs, WPA2 Enterprise, IP Filtering
	
	TRANSACTIONS
	• Security - IPsec VPN, WPA2 Enterprise
	• Routing
	• PCI Compliance
	• Firewall
		FLEET MANAGEMENT
		• Multiple GPS Report Types
		  - TAIP, NEMA, RAP, CSV, User Defined
		• Events Reporting
		• Security - VPN, WPA2 ENT, SSH
		
		TRACKING
		• Multiple GPS Engines (4+2)
		• Low Power Mode
		• Store and Forward

CONFIGURABLE INTELLIGENT ROUTERS

AirLink Helix RT   AirLink MP Series

PROGRAMMABLE MODEMS

AirLink GL Series   AirLink Fastrack Extend

AirLink™ Communications Platform

Intelligent data communications for major cellular wireless technologies

Complex Systems, Simplified

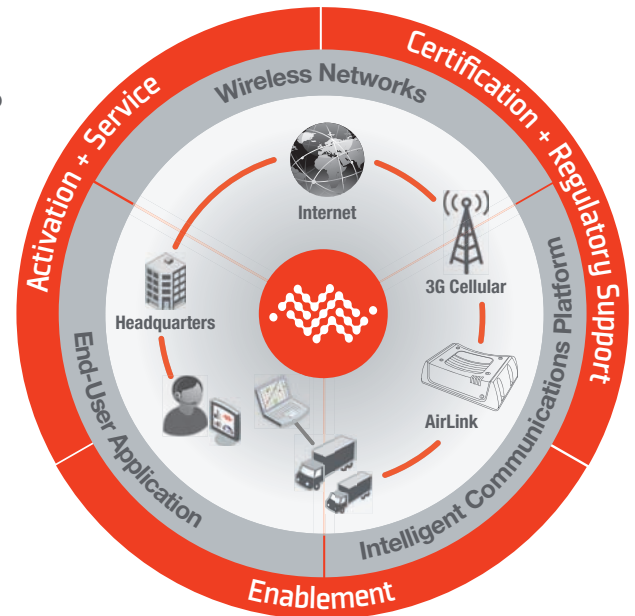## AirLink facilitates the wireless data ecosystem

A TRUSTED PARTNER

A cornerstone of the Sierra Wireless success is the strength of our mobile network operator relationships which have forged a history of leadership in bringing new wireless technologies to market.

DISTRIBUTION NETWORK

To guarantee our customers receive expert system design, integration and installation support, and service, Sierra Wireless partners with top quality system integrators, ASPs, distributors and VARs worldwide.

SUPPORT NETWORK

The continued industry leadership of Sierra Wireless is based on a proven ability to make complex wireless data solutions work. This is accomplished with superior, intelligent, high-quality products, exceptional remote management and control tools, applications and services, and reliable technical support delivered by our responsive, highly-trained and experienced staff.

Testimonials

" We are very fond of the product's durability, speed and functions, and it works - as it was supposed to - under even the most difficult conditions. Even the installation, with the PC, was done quickly and easily."

THOMAS LANTZ-PEDERSEN,
COPENHAGEN AIRPORT

" The devices just flat-out worked. The AirLink intelligent cellular gateways that we integrated with our data logger solution are incredibly reliable."

ANDY VERRET,
LOWER COLORADO RIVER AUTHORITY

" I had my boss connect to a sign to pull data; he pulled it off in a minute and a half. He was giddy. If anything we had to speed up our controller to keep up with the gateway. It's been a fabulous integration of the two products."

LUKE FAUBION,
FORTEL TRAFFIC SYSTEMS

" Sierra Wireless' field service engineers were instrumental in helping us understand what we could accomplish with the wireless devices, the management of the deployed inventory and how we could create a secure environment."

SAM HUTCHEON,
PUROLATOR COURIER OF CANADA

" The most important benefit is the ease of integration and the management of all the devices in the field; within minutes, the status of all our devices can be verified."

MIKE GUINYOU,
MONIR PRECISION MONITORING

" Our field service engineers and management are very excited about this innovative solution. We have a chance to provide our customers with more choices, leading to lower costs and better profitability, which in turn presents the opportunity for reduced costs and improved medical care for patients."

KETAN SHAH,
PHILIPS MEDICAL SYSTEMS
IMAGING DIVISION

SIERRA WIRELESS™

For More Information

North America & Asia
Tel: +1 510 624 4200

Europe, Middle East & Africa
Tel: +33 1 46 29 08 00

E-mail:
AirLinkSales@sierrawireless.com
www.sierrawireless.com