



POWERED BY: **ALEOS™**

3G Enterprise Router Business Continuity Applications

AirLink Helix™ RT

3G Cellular Connectivity for Branch Offices and Temporary Locations

The AirLink Helix RT enterprise 3G router provides a secure backup connection for small branch offices as well as portable connectivity for temporary locations. Deploying a Helix RT enables customers to extend the enterprise anywhere their business takes them.

Back-up Connectivity: The Helix RT can provide business continuity for any office location, ensuring connectivity even in the event of wireline failure. Intelligent WAN failover detects when primary connectivity is unavailable and automatically switches to the embedded cellular modem inside the Helix RT to ensure no disruption of the business. With ALEOS intelligence, the Helix RT continues to monitor the health of the primary connection and switches back as soon as connectivity is restored. Automatic failover translates into minimal downtime, increased productivity and higher customer satisfaction.

Portable Connectivity: Running or installing DSL and cable lines can be costly and inconvenient. The Helix RT quickly and easily deploys with reliable connectivity wherever cellular coverage is available. This device is ideal for customers in need of a secure, reliable connection to branch offices and temporary locations, such as construction trailers. The Helix RT is reliable and robust enough to provide primary access to a small office, and simple enough to set-up for temporary locations.



Simplified Routing

Choosing, deploying and managing a cellular router solution can be a complex task for any organization. With the Helix RT, we have combined the reliability and simplicity of ALEOS, our embedded intelligent operating system, with the robust remote configuration tools of ACEware™, our management software suite. The Helix RT is a simplified solution to complex business needs.

Hosted Remote Management

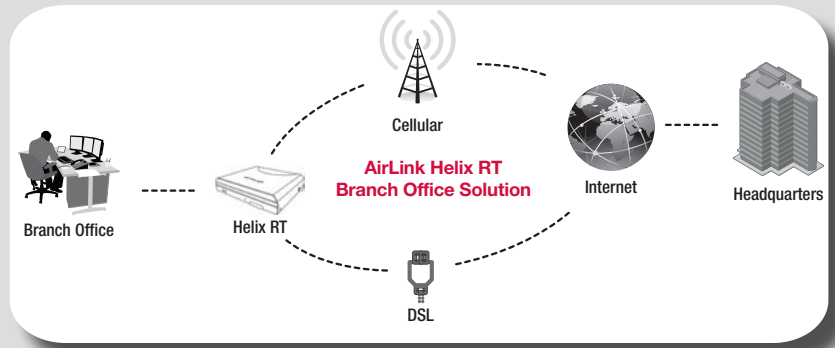
When deploying a wireless data solution in field locations, having the ability to manage the cellular routers is invaluable. Remote management avoids expensive trips by field technicians to remote locations to configure or troubleshoot a device. By leveraging ACEnet™, our enterprise grade hosted remote management tool, customers can perform device maintenance, monitor overall performance and diagnose system and network issues for their entire deployment.

SIERRA WIRELESS
AirLink™ Solutions

AirLink™ Helix RT

3G Enterprise Router

Business Continuity Applications



BRANCH OFFICE SCENARIO

CUSTOMER

- Regionally based branch offices in need of a reliable business continuity solution to ensure flawless up-time.

SOLUTION

- Helix RT integrated with LAN network for automatic failover to 3G
- Fully IPsec compliant VPN connection to headquarters
- Wi-Fi connection to employee laptops and handheld devices

BENEFITS

- Flawless Connection: Seamless failover in the event of wireline connection failure
- Secure: Data security for WWAN (cellular) and local WAN (Wi-Fi) connections
- Simple: Easy deployment, set-up and management for complex solutions

TEMPORARY OFFICE SCENARIO

CUSTOMER

- Construction company with temporary office trailers for work sites

SOLUTION

- Helix RT provides 3G connection for office staff
- Ethernet connection for voice/fax over IP

BENEFITS

- Portable: Can be moved from location to location
- Durable: Enterprise design ensures longevity
- Simple: Ease of set-up ensures locations are on-line immediately

Features

- Integrated 3G cellular module (EV-DO Rev. A/HSPA)
- Routing
- Security (IPsec, DMZ, WAN, encryption)
- Automatic Failover
- Support for USB modems
- 802.11 b/g Wi-Fi (optional)
- Durable - Mil Spec 810-F with bracket
- 3-Year Warranty
- ALEOS Embedded Intelligence
- ACEware Remote Management Tools

Benefits

- High-speed transfer rates for mission critical applications
- Supports multiple end-points
- Intelligent failover prevents downtime
- Simple to deploy and manage
- Remote management minimizes field visits
- Low total cost of ownership
- Data security for peace of mind
- Durable design increases flexibility



Technical Specs

Physical/Environmental

- 159mm x 35mm x 180mm
6.3 in x 1.4 in x 7.1 in
- 1021 grams
36.0 oz
- 0°C to +50°C / 32°F to +122°F
- 3 WAN Status LEDs, 4 Ethernet Status LEDs

Host Interfaces

- 2 10/100 Mb Ethernet Ports
 - 1 dedicated LAN Port
 - 1 configurable LAN/WAN Port
- USB Port
- Antenna Connections
 - 2 Cellular (SMA)
 - 2 Wi-Fi (SMA)

Security

- Fully IPsec Compliant VPN
- VPN Passthrough
- GRE Tunneling
- WPA2 Enterprise Encryption
- Stateful Packet Inspection Firewall
- MAC Address Filtering



For more information on the AirLink Helix RT:

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AirLink Products are
POWERED BY:



... and **MANAGED BY:**



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 an enterprise 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.