AirLink Manager (AM)

FEATURES

- Deploy, configure and remotely manage any AirLink® router or gateway
- Create, configure, manage and troubleshoot device configurations with templates
- Customize views, segment assets and infrastructure, and manage multi-level user privileges
- Display geographic view of entire network of AirLink routers and gateways
- Advanced reporting capabilities

BENEFITS

- Enables organizations with AirLink gateways and routers to host their own management servers in-house, behind firewalls
- Increases efficiency, reduces costs and supports effective maintenance and long term network performance
- Provides complete visibility and awareness of an entire mobile network

On-Premises Network Management

Designed for applications where cloud-based management is not an option, the AirLink® Manager (AM) is a leading-edge, end-to-end on-premises network management solution that enables simplified, remote and real-time mass configuration, control and troubleshooting of AirLink® routers and gateways, connected infrastructure and mission critical applications.

AM displays a virtual dashboard with an up-to-date view of all connected AirLink routers and gateways, and delivers a continuous stream of rich, real-time network data, allowing users to analyze the behavior of hundreds of devices, networks, and device parameters as it occurs.

The AM enables users to create custom alerts and event triggers and offers on-demand or pre-scheduled historical reports for in-depth analysis and diagnostics.

DASHBOARD

The AM dashboard provides a configurable, color-coded view of device health, enabling administrators to monitor a fleet of routers and gateways, and associated operating parameters. Each parameter has a configurable multi-level threshold that can be programmed to change the color of display icons as thresholds are exceeded. Display filters are provided to allow users to quickly focus on a subset of information, and devices can be partitioned into groups with different user access levels. Many dashboard display parameters permit immediate 'drill down' for further detail.

REMOTE MANAGEMENT, CONFIGURATION AND SOFTWARE UPDATES

The AM supports remote and centralized management of the operating configuration of each Sierra Wireless router or gateway in a network. AM users with administrative access can remotely reconfigure AirLink® routers and gateways individually over-the-air, or can use the mass configuration capability to apply new operating parameters to the entire fleet. These powerful features are crucial to effective maintenance and long term performance of any large-scale enterprise communications solution. The AM also supports self-service software updates, allowing users with administrative access to remotely upgrade the firmware on their gateways or routers.

sierrawireless.com/routers-gateways

CORE REPORTS

To augment the fleet status snapshot provided by the AM dashboard, pre-scheduled or on-demand historical reports enable deeper analysis and troubleshooting of AirLink routers and gateways, using accumulated management information.

All report results are saved to the server and can be emailed to multiple recipients. Report data may be exported in Excel format for further analysis or integration with other systems.

EXAMPLE CORE REPORTS

CORE REPORT	DESCRIPTION
BANDWIDTH CONSUMPTION	Shows data received and transmitted on each network for an individual device or groups of AirLink routers and gateways
LINK UTILIZATION	A time-based depiction of network connection status for individual routers and gateways
COVERAGE MAP	Maps the wireless service accessed by individual routers and gateways
COVERAGE TRAILS	Maps the wireless service accessed along a path travelled by individual devices
AVAILABILITY TREND	Summarizes wireless connection availability as a percentage of total vehicle operating time for selected devices

LOCATION-BASED REPORTING

The AM uses GPS data supplied by AirLink routers and gateways[1] to provide a location-based view of fleet information.

[1]For AirLink routers and gateways with GPS capability

SIERRA
WIRELESS®

SIERRA WIRELESS®

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Sierra Wireless
AIRLINK MANAGER

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