



## AirLink Mobility Manager (AMM)

### FEATURES

- Deploy, configure and remotely manage any AirLink® device
- Troubleshoot and manage configurations remotely
- Customize views, segment the fleet and manage multi-level user privileges
- Real-time view of entire mobile network
- Advanced reporting functionalities
- Detailed information about access routes, incident scenes and structures
- Designated zones for vehicles in fleet
- Location, speed and time based reporting

### BENEFITS

- Increases efficiency, reduces costs and supports effective maintenance and long term network performance
- Provides complete visibility and awareness of an entire mobile network
- Shortens response times and optimizes vehicle use
- Enables monitoring of driver behavior

## Mobile Enterprise Network Management

AirLink® Mobility Manager (AMM) is a leading-edge, end-to-end network management solution that enables simplified, remote and real-time mass configuration, control and troubleshooting of all AirLink® routers and gateways, connected mobile assets and mission critical applications.

Available “in the cloud” (for MG routers and gateways) and “in the enterprise” (for all AirLink routers/gateways), AMM displays a virtual dashboard with an up-to-date view of the entire fleet, and delivers a continuous stream of rich, real-time network data, allowing users to observe, track and examine the behavior of hundreds of devices, networks, and connected vehicle parameters as it occurs.

The AMM enables users to create custom alerts and event triggers and offers on-demand or pre-scheduled historical reports for in-depth analysis and diagnostics including; Network Performance; Link Scoring; Coverage Maps; Trails; Vehicle Health; Link Utilization; Availability Reports; Router Power Status.

With its advanced vehicle tracking capabilities provided by the Tracker® feature, the AMM allows organizations to monitor and analyze the position, direction and speed of their fleet and network assets in real-time, and access detailed, on-demand information about routes, incident scenes and structures.

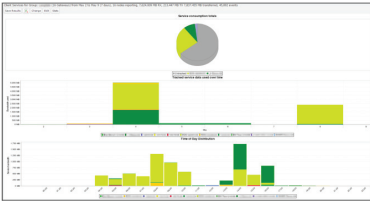
### AMM DASHBOARD

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

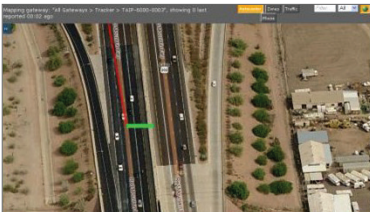
### REMOTE MANAGEMENT, CONFIGURATION AND SOFTWARE UPDATES

The AMM supports remote and centralized management of the operating configuration of each Sierra Wireless router or gateway in a fleet. AMM users with administrative access can remotely reconfigure AirLink® routers and gateways individually over-the-air, or can use the mass configuration capability

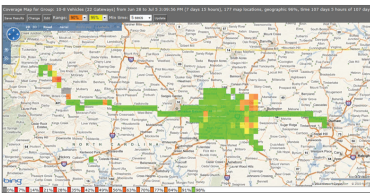
## PERFORMANCE STATS



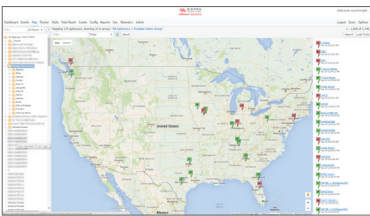
## LOCATION MANAGEMENT



## COVERAGE MAP/ TRAILS REPORT



## AMM MAP VIEW



to apply new operating parameters to the entire deployment. These powerful remote management features are crucial to effective maintenance and long term performance of any large-scale mobile communications solution. The AMM also supports self-service software updates, allowing users with administrative access to remotely upgrade the firmware on their fleet of gateways or routers.

## AMM CORE REPORTS

To augment the fleet status snapshot provided by the AMM dashboard, pre-scheduled or on-demand historical reports enable deeper analysis and troubleshooting of MG routers and gateways, using accumulated management information. AMM also includes an AVL feature – AMM Tracker®. Advanced vehicle tracking reports provided by AMM Tracker include vehicle stops, speed thresholds and zone reports, which enable users to optimize regular activity and address unwanted activity.

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

## EXAMPLE CORE REPORTS

CORE REPORT	DESCRIPTION
COVERAGE MAPS	Maps wide-area network coverage based on data from multiple MGs over a specified time
COVERAGE TRAILS	Maps the wireless service accessed along a path travelled by individual MGs
AVAILABILITY TREND	Summarizes wireless connection availability as a percentage of total vehicle operating time for selected MGs
BANDWIDTH CONSUMPTION	Reports data received and transmitted on each network for an individual MG or groups of MGs
LINK UTILIZATION	A time-based depiction of network connection status and multi-network switching for individual MGs
EVENT VIEWER	A powerful troubleshooting tool that filters raw vehicle event data for selected MGs
VEHICLE STOP	Map view and data reports of street addresses where available by matching GPS and GNSS locations provided by AirLink® devices
SPEED THRESHOLD	Map view and data summaries of over-speed instances, including approximate location and time spent above the threshold
ZONE REPORTS	Map view and data reports of vehicle activity in large or small areas

### LOCATION-BASED REPORTING

The AMM uses GPS and GNSS data supplied by all AirLink routers and gateways to provide a location-based view of fleet management information, including the last reported location of a vehicle, along with a color-coded flag, to indicate the status of each router or gateway. Network coverage, network utilization and system utilization reports are available in mapped display formats, and all map data is provided by Google Maps™.

### STATISTICS

MG router and gateway logs provide individual parameters for analysis and troubleshooting, and are automatically updated and stored on the server. Data may be sorted, filtered and displayed in a variety of ways to ensure each fleet communications platform continues to perform optimally.

### AMM TRACKER®: LOCATION TRACKING FOR VEHICLES

The AMM Tracker® feature provides users with advanced vehicle tracking tools to determine the current location, direction and speed of their vehicles, in addition to historical details of vehicle location over time. Tracker utilizes GPS and GNSS data from MG routers and gateways, which is sent at varying intervals depending on vehicle speed, to provide a detailed record of vehicle location, down to street level for more detail.

### AMM TRACKER®: ZONE MONITORING FOR VEHICLE DESIGNATED ZONES

Operational boundaries can be mapped to track vehicle crossings. Zones, which are also known as polygonal geo-fences, are multi-sided virtual boundaries. Once zones are defined, dispatchers can choose to view reports or be notified as vehicles enter and exit zones. Each zone can be a simple or complex geographical region on a map and vehicles can be assigned to specific zones.

#### About Sierra Wireless

Sierra Wireless is building the Internet of Things with intelligent wireless solutions that empower organizations to innovate in the connected world. We offer the industry's most comprehensive portfolio of 2G, 3G, and 4G embedded modules and gateways, seamlessly integrated with our secure cloud and connectivity services. OEMs and enterprises worldwide trust our innovative solutions to get their connected products and services to market faster.

For more information, visit [www.sierrawireless.com](http://www.sierrawireless.com).