Software Release Notes V2.15.2

AirLink Mobility Manager

SIERRA WIRELESS®

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Due to the nature of wireless communications, transmission and reception of data can never be guaranteed. Data may be delayed, corrupted (i.e., have errors) or be totally lost. Although significant delays or losses of data are rare when wireless devices such as the Sierra Wireless modem are used in a normal manner with a well-constructed network, the Sierra Wireless modem should not be used in situations where failure to transmit or receive data could result in damage of any kind to the user or any other party, including but not limited to personal injury, death, or loss of property. Sierra Wireless accepts no responsibility for damages of any kind resulting from delays or errors in data transmitted or received using the Sierra Wireless modem, or for failure of the Sierra Wireless modem to transmit or receive such data.

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Do not operate the Sierra Wireless modem in areas where blasting is in progress, where explosive atmospheres may be present, near medical equipment, near life support equipment, or any equipment which may be susceptible to any form of radio interference. In such areas, the Sierra Wireless modem **MUST BE POWERED OFF**. The Sierra Wireless modem can transmit signals that could interfere with this equipment.

Do not operate the Sierra Wireless modem in any aircraft, whether the aircraft is on the ground or in flight. In aircraft, the Sierra Wireless modem **MUST BE POWERED OFF**. When operating, the Sierra Wireless modem can transmit signals that could interfere with various onboard systems.

Note: Some airlines may permit the use of cellular phones while the aircraft is on the ground and the door is open. Sierra Wireless modems may be used at this time.

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Revision History

Revision number	Release date	Changes
1	Oct 28, 2016	AMM 2.15.2 Release Notes

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1: Release Information

AMM 2.15.2 is a minor release of the AirLink Mobility Manager (AMM) that introduces a number of new features in the product. This release continues to improve compatibility between ALEOS and oMG/MG devices, and also addresses a number of security issues that were discovered after the release of 2.15.1.

Note: With this release we have rebranded oMM Management System (oMM) to AirLink Mobility Manager (AMM)

Officially Released Versions

These release notes are inclusive of all AMM R2.15.x versions.

AMM 2.15.2 was officially released to General Availability on October 28, 2016.

Platform Support

AMM 2.15.2 has been tested on Dell R220 and R630 servers and on VMWare ESXi.

Browser Support

AMM 2.15.2 has been tested on Internet Explorer 11. Other supported browsers include Chrome and Firefox. Users that attempt to use a browser that is not supported will get a warning and may experience some issues.

Sierra Wireless Gateway Support

For oMG gateways, AMM 2.15.2 supports up to oMG R3.14.4. For AirLink gateways, AMM 2.15.2 supports ALEOS firmware version 4.4.3 and higher. Support for AirLink gateways is only provided for the Customer Data Center version of the AMM, and is not provided in the Cloud solution.

2: Key Features and Enhancements

AMM Support for Bucket Telemetry

The Telemetry module for AMM has been upgraded to add support for collecting additional telemetry stats from aerial devices common on many utility service trucks (eg. bucket). AMM 2.15.2 adds support in the AMM for the collection of this data, and enables the configuration of thresholds based on data from the aerial device. Specific details include:

- Jib Load
- JibCapacity
- BucketLoad
- BucketCapacity
- JibAngle
- Jib Length
- JibRadius
- BoomAngle

Support for Tracker for ALEOS Devices

AMM 2.15.2 continues to improve our support for ALEOS-based devices in AMM. With this release, the Tracker component of AMM will now display ALEOS-based devices in the Tracker map tab.

Gateway Trips Report Support for ALEOS Gateways

AMM 2.15.2 continues to improve our support for ALEOS-based devices in AMM. With this release, the Gateway Trips Report (Geographic Report) will now display ALEOS-based devices in the report.

It is important for users to understand that due to the differences in how ALEOS-based devices report into the AMM, the level of granularity of GPS information results in the accuracy of the Gateway Trips Report being reduced for ALEOS devices.

New AirLink Devices

AMM 2.15.2 includes support for the AirLink RV50X. While the RV50X has not been commercially released at this time, the AMM will support it once available.

3: User Interface Changes

Remove 'Use Browser TimeZone' Option in User Preferences

Setting the "Use Browser TimeZone" setting in a user's preferences results in the user being unable to save scheduled reports. To prevent this, we have removed this options from the user preferences. When the AMM is upgraded to 2.15.2, the upgrade will edit any user profile that has "Use Browser TimeZone" set, and will convert it to use the server time zone.

Address Inconsistencies Between Stats Tab Reports and Historical Reports

The AMM user interface allowed for Stats data to be reported inconsistently between the Stats Tab Report and some of the AMM Historical Reports. AMM 2.15.2 addresses a number of these issues, and makes a change to the Stats tab user interface to consistency launch the Statistics Graph report when a user requests historical Stats information.

4: Addressed Problems

Reference	Problem Description
Security Vulnerabilities	
4119	Addressed all critical, high and medium severity vulnerabilities identified by Nessus scan against oMM 2.15.1.
3812	Upgraded OpenSSL from 1.0.1 to 1.0.2a.
Chrome Browser Support	
4626 4615	Chrome Version 53 caused errors in the display of the AMM user interface that have now been addressed.
Statistics Graph Report	
4633 4392 4214	Addressed a number of issues with the Statistics Graph report: • Links were broken on the vehicle page from the threshold alert e-mail message. • Displaying data in the table format for the Statistics Graph shows a blank page. • "Unable to find resource" error when Excel version of the Statistics Graph report is run when a long list of stats are selected.
Support for ALEOS-based Devices	
4610	AMM 2.15.1 included some invalid Stats for ALEOS devices. This release removes the Stats that are not appropriate for this class of devices.
4416	Addressed an issue where AMM overrides the latest position stats with zeroes when the GPS signal is missing or lost.

5: Outstanding Problems

Reference	Problem Description
4634	The browser site icon is not shown in Internet Explorer when AMM is accessed via https.