



oMM Release Notes 2.14

oMM



SIERRA
WIRELESS®

oMM-ED-140607
1.0
September 2, 2015

Important Notice

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.

Safety and Hazards

Do not operate the Sierra Wireless modem in areas where cellular modems are not advised without proper device certifications. These areas include environments where cellular radio can interfere such as explosive atmospheres, medical equipment, or any other equipment which may be susceptible to any form of radio interference. The Sierra Wireless modem can transmit signals that could interfere with this equipment.

The driver or operator of any vehicle should not operate the Sierra Wireless modem while in control of a vehicle. Doing so will detract from the driver or operator's control and operation of that vehicle. In some states and provinces, operating such communications devices while in control of a vehicle is an offence.

Limitations of Liability

This manual is provided "as is". Sierra Wireless makes no warranties of any kind, either expressed or implied, including any implied warranties of merchantability, fitness for a particular purpose, or noninfringement. The recipient of the manual shall endorse all risks arising from its use.

The information in this manual is subject to change without notice and does not represent a commitment on the part of Sierra Wireless. SIERRA WIRELESS AND ITS AFFILIATES SPECIFICALLY DISCLAIM LIABILITY FOR ANY AND ALL DIRECT, INDIRECT, SPECIAL, GENERAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS OR REVENUE OR ANTICIPATED PROFITS OR REVENUE ARISING OUT OF THE USE OR INABILITY TO USE ANY SIERRA WIRELESS PRODUCT, EVEN IF SIERRA WIRELESS AND/OR ITS AFFILIATES HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR THEY ARE FORESEEABLE OR FOR CLAIMS BY ANY THIRD PARTY.

Notwithstanding the foregoing, in no event shall Sierra Wireless and/or its affiliates aggregate liability arising under or in connection with the Sierra Wireless product, regardless of the number of events, occurrences, or claims giving rise to liability, be in excess of the price paid by the purchaser for the Sierra Wireless product.

Customer understands that Sierra Wireless is not providing cellular or GPS (including A-GPS) services. These services are provided by a third party and should be purchased directly by the Customer.

SPECIFIC DISCLAIMERS OF LIABILITY: CUSTOMER RECOGNIZES AND ACKNOWLEDGES SIERRA WIRELESS IS NOT RESPONSIBLE FOR AND SHALL NOT BE HELD LIABLE FOR ANY DEFECT OR DEFICIENCY OF ANY KIND OF CELLULAR OR GPS (INCLUDING A-GPS) SERVICES.

Patents

This product may contain technology developed by or for Sierra Wireless Inc.

This product may include technology licensed from QUALCOMM®.

This product is manufactured or sold by Sierra Wireless Inc. or its affiliates under one or more patents licensed from InterDigital Group and MMP Portfolio Licensing.

Copyright

© 2015 Sierra Wireless Inc. All rights reserved.

Trademarks

Sierra Wireless®, AirPrime®, AirLink®, AirVantage®, WISMO® and the Sierra Wireless and Open AT logos are registered trademarks of Sierra Wireless, Inc. or one of its subsidiaries.

Windows® and Windows Vista® are registered trademarks of Microsoft Corporation.

Macintosh® and Mac OS X® are registered trademarks of Apple Inc., registered in the U.S. and other countries.

QUALCOMM® is a registered trademark of QUALCOMM Incorporated. Used under license.

Other trademarks are the property of their respective owners.

Contact Information

Sales Desk:	Phone:	1-604-232-1488
	Hours:	8:00 AM to 5:00 PM Pacific Time
	Contact:	http://www.sierrawireless.com/sales
Post:	Sierra Wireless 13811 Wireless Way Richmond, BC Canada V6V 3A4	
Technical Support:	Hours:	6:30 AM to 4:30 PM Pacific Time
	Email:	imt-support@sierrawireless.com
	Phone:	1-866-468-2968
	KBase:	http://imt-kbase.sierrawireless.com/
Web:	http://www.sierrawireless.com/	

Consult our website for up-to-date product descriptions, documentation, application notes, firmware upgrades, troubleshooting tips, and press releases: www.sierrawireless.com

Document History

Version	Date	Updates
1.0	September 2, 2015	Updates for oMM 2.14



Contents

1. RELEASE INFORMATION.....	6
1.1. Officially Released Versions.....	6
1.2. Platform Support.....	6
1.3. Browser Support.....	6
1.4. oMG Support	6
2. KEY FEATURES AND ENHANCEMENTS	7
2.1. New Reports.....	7
2.1.1. Cellular Technology Map Report	7
2.1.2. Cellular Technology Trail Report	7
2.1.3. VPN Utilization Report	7
2.2. Report Enhancements.....	7
2.2.1. Configuration Audit.....	7
2.3. Mass Configuration	7
2.3.1. VPN Provisioning	7
2.4. Other.....	8
2.4.1. User Interface Update	8
2.4.2. HTTPS Support.....	8
2.4.3. oMM Version	8
2.4.4. Users and Administration Rights.....	8
3. REMOVED FEATURES	9
3.1. CSV Import and Export for VPN PSK.....	9
4. ADDRESSED PROBLEMS	10
5. OUTSTANDING PROBLEMS	11



1. Release Information

1.1. Officially Released Versions

These release notes are inclusive of all oMM R2.14.x versions.

oMM 2.14 was officially released to General Availability on Sept 1, 2015

1.2. Platform Support

oMM 2.14 has been tested on Dell R210 II, R220, R410, R420 and R630 servers and on VMWare ESXi

1.3. Browser Support

oMM 2.14 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.

1.4. oMG Support

oMM 2.14 supports all versions of oMG software up to R3.14



2. Key Features and Enhancements

2.1. New Reports

2.1.1. Cellular Technology Map Report

Shows a map of cellular technology coverage (LTE, WCDMA, etc.) over a period of time in a geographic area. This report aggregates the data over one or more gateways.

2.1.2. Cellular Technology Trail Report

Shows a map of cellular technology (LTE, WCDMA, etc.) over a period of time. This report is intended to be run on a single gateway.

2.1.3. VPN Utilization Report

Shows the detailed status of one or more VPN tunnels defined per gateway.

2.2. Report Enhancements

2.2.1. Configuration Audit

The Configuration Audit Report has been enhanced for improved usability. Configuration parameters are now grouped into different categories allowing user to focus on the category of interest. Note: This report will only work with oMGs running oMG software version 3.x.

2.3. Mass Configuration

2.3.1. VPN Provisioning

A new provisioning system has been introduced to allow a fleet of gateways to be configured while retaining the ability to set unique configuration settings for specific gateways or groups of gateways. The system is used to provision one or more VPN configurations per gateway, and allows users to update gateway specific settings such as PSK credentials.

2.4. Other

2.4.1. User Interface Update

The user interface (UI) has been updated to a cleaner, and modern look consistent with other Sierra Wireless products. No changes have been made to the user workflow or experience, except for new features listed in this release.

2.4.2. HTTPS Support

HTTPS is now officially supported in this release. HTTP can also now be fully disabled for enhanced browsing security.

2.4.3. oMM Version

The oMM version can now be viewed under the *Help -> About* menu.

2.4.4. Users and Administration Rights

Any user can now be assigned with admin level privileges. Rather than sharing a single admin account, any user can now be assigned admin-level rights, and their activity can be tracked accordingly.



3. Removed Features

3.1. CSV Import and Export for VPN PSK

The standalone feature to import and export a .csv file to configure VPN security (under *Config -> VPN Security*) has been removed. This functionality has been incorporated into the improved mass provisioning feature for VPN. See Section 2.3.



4. Addressed Problems

Reference	Problem Description
6778	Locator – device occasionally reports incorrect location Under certain circumstances, location information was incorrect.
8757, 8572	Tracker icons have changed and are not tracking A change in the API by the maps provider caused Tracker icons to be changed and improperly tracking.
8534	Bandwidth Coverage Map - CSV output file shows only header for fleet When the customer selects all gateways and exports the output to a CSV file, the file only shows the header row, and no data.
8823	Running report in background may cause server crash Under certain conditions running reports in the background may cause server to crash
7791	oMM does not have a user login session timeout When there are multiple concurrent sessions active (eg. user logs in and does not log out) the oMM login screen will no longer display. User sessions will now be terminated after 30min (default) of inactivity.
8879	Status of background report generation is not obvious to user There is now a new column that shows the status of report generation.
7399	Stats report in graph format only shows data for 1 day When a stats report was generated in graph format for a single vehicle over multiple days, only the 1st day was being shown.
8489	Shutdown Reason Report - null pointer exception error Under certain conditions, the Shutdown reason report would report a null pointer exception.
8759	Trip Replay Report - not showing trips Trips replay feature was not displaying the trips correctly, due to a change in the Google Maps API.
6585, 8767	Shutdown Reason Report - misleading/missing shutdown cause Shutdown reason is sometimes incorrectly reported.
8010, 8534	Link Utilization Report and Bandwidth Consumption Report - Y-axis is unreadable Y-axis on report output displays the gateways in an unreadable fashion.
8843	User Activity Report - report names should match names in User Menus The report names in the User Activity did not match the report names in the user menus.
8565	Auto Refresh not working for non-admin users Auto refresh on the dashboard does not work for non-admin users.
8825	Admin account unable to generate reports Report cannot not be generated if the oMM administrator accidentally deleted the default admin account. The oMM now prevents customers from deleting or editing the oMM admin account.
7956	Dashboard may show a "Stale" oMG Heartbeat Dashboard may stop updating due to oMM background tasks.
8491	Security: Patches for CentOS Errata and Security Advisory (CESA) High and medium priority CESA issues identified by Nessus have been addressed. (Date of last scan for this release: July 28, 2015).
8644	Security: Patches for Common Vulnerabilities and Exposures (CVE) Updated NTP library to latest version to address CVE-2014-9293 to 9296.



5. Outstanding Problems

Reference	Problem Description
9147	Ability to view configuration differences for gateways in a modified state When changes to the VPN configuration are made on the oMM, but not immediately deployed. The state is set to "modified". However, there is no way to view the changes until the change has been Deployed.