onBoard™ Mobility Manager

Release Notes

oMM Software Release 2.12

oMM-ED-140607
Rev. 1.3
August 11, 2014

INMOTION
TECHNOLOGY

1 RELEASE INFORMATION

1.1 Officially Released Versions

These release notes are inclusive of all oMM R2.12.x versions.

oMM 2.12.2 was officially released to General Availability on August 8, 2014

1.2 Platform Support

oMM 2.12 has been tested on Dell R210 and R410 servers and on VMWare ESXi

1.3 Browser Support

oMM 2.12 has been tested on Internet Explorer 9.0 (compatibility mode required)

1.4 oMG Support

oMM 2.12 supports all versions of oMG software up to R3.11

2 KEY FEATURES AND ENHANCEMENTS

2.1 Report Generation Performance Improvements

Significant improvements have been made in the time it takes to render many oMM reports. In some cases, users will see a reduction in time of up to 80% and a 50% time reduction on average for most reports.

2.2 Added support for Google Enterprise Maps API

oMM will now utilize an enterprise-grade version of Google Maps API to render graphical oMG location details. This change will provide a more scalable and robust solution to users, particularly for customers with large fleets who wish to run geo-based reports over longer periods of time.

For oMM Appliance customers (non-hosted), the Google API requires registration of the server URL or IP address and unrestricted access to several Google URLs. Please contact InMotion Technology Support for full details prior to upgrading.

3 REMOVED FEATURES

3.1 Microsoft Bing and ESRI Map services

Support for both Microsoft Bing and ESRI map services has been removed. Going forward, oMM will support only Google Maps for geo-based reports and real-time tracking applications.

4 ADDRESSED PROBLEMS

Reference	Problem Description
6778	**Unused Parameters in Vehicle Hours Report** The parameters "Minimum time for GPIO on" and "Maximum time for GPIO on" in the Vehicle Hours Report did not have any effect on the report output and have been removed from the Report Setup page.
7894	**Unnecessary Chart in Vehicle Hours Report** The bar chart displayed in the Vehicle Hours Report did not convey any meaningful information to users and has been removed.
7652, 8014	**Inconsistent results in Excessive Stops and Idles Report** Customers observed in previous releases that Idle Time was sometimes reported inconsistently depending on the period of the report and in some cases in a non-meaningful manner when multiple Idle periods occurred across a single Stop period.
7801, 7882	**Link Utilization report shows status: Unknown** In some cases, particularly if an oMG had been offline for several days, the "Start-up" event may have been missed by the oMM and so the state of the WAN Link could have been incorrectly shown as "Unknown" for some portion of the report.
7562, 7645, 7806	**Inconsistent results in Vehicle Hours Report** Customers observed in previous releases that running the Vehicle Hours Report across different but overlapping time ranges would sometimes yield different results for the overlapping period.
7708, 7731, 7831	**Dashboard shows "Stale" oMG Heartbeat** From time to time, the status of the oMG Heartbeat for an entire fleet can become "stale" meaning that it has not updated for a significant period of time. Eventually, the Heartbeat will refresh without any intervention. Generally the Heartbeat will always update within 2 minutes or less if the unit is online and connected to a valid network. This issue was due to a number of background tasks in the oMM which have been optimized. Further optimization will be added in future releases.
7830	**Emailing Saved Reports may fail** Some customers have reported that when trying to email a Saved Report, a pop-up error message "Missing Parameter: reportnodes" will be displayed and the report will not be emailed.
8013	**GPS Location Data incorrect in Congregation Report**

	Previously when running the Vehicle Congregation Report, all oMGs would be incorrectly shown with the same GPS Coordinates.
8100, 8217	**Added patches for Common Vulnerabilities and Exposures (CVE)** CVE-2010-5298 CVE-2014-0221 CVE-2014-0160 CVE-2014-0224 CVE-2014-0195 CVE-2014-3470 CVE-2014-0198
8140	**Empty Date Range value in Reports causes oMM performance issues** In previous release, a user was able to select a Date Range for a report and leave one or both values of the range blank. This would cause the oMM to query all data in the database which would have performance impacts for all users, such as delayed Dashboard updates. Users must now enter a start and end date for Date Range reports.
8152	**Errant spaces in Vehicle ID of Exported Report** In oMM versions 2.9 and later, customers reported getting leading and trailing space characters in the Vehicle ID column of exported telemetry reports.

5 OUTSTANDING PROBLEMS

Reference	Problem Description
7724	**Users are not able to delete Asset Tags** Users without Administrative privileges are unable to delete Asset Tags from their fleet. Customers using InMotion's Hosted oMM service must call Technical Support for assistance in deleting Assets Tags. Customers with an oMM Appliance can ask a local Administrator to perform this action or request Administrative privileges. They can also contact InMotion Technical Support for assistance.
7845	**Map image sometimes missing from Email Alerts** Some customers have reported that occasionally email alerts from the oMM will be missing the map image with the location of the alert. There is no workaround for this issue.
7956	**Dashboard may show a "Stale" oMG Heartbeat** In addition to the optimization in bugs: 7708, 7731, 7831, 8140 InMotion is continuing to look for instances where the Dashboard may stop updating due to oMM background tasks. There is no workaround for this issue.
7967	**Last Update field not refreshing in NAV Application tab** Some customers using the NAV application may notice that the Last Update field stops updating even though the system is known to be working fine. There is no workaround for this issue.
7971	**Inconsistent results in Reports** Further testing of oMM Reports after resolution bugs: 7562, 7645, 7652, 7806 and 8014 has revealed that several other reports suffer a similar issue where users may see different results running a report across different but overlapping time ranges for the overlapping period. These issues are primarily caused by the way the oMM determines Startup and Shutdown time over multiple shifts. If this issue is encountered, users are recommended to run the reports multiple times over shorter time ranges to extract the necessary information.

APPENDIX A - INMOTION TECHNOLOGY INC. CONTACTS

A.1 Comments

If you have any comments or suggestions that can help InMotion Technology improve the accuracy or usability of this document, please forward them to the following e-mail address:

docs@inmotiontechnology.com

Please identify the publication number or title and the specific version of the manual.

A.2 Technical Support

To obtain technical support for this product, contact the InMotion Technology service center in one of the following ways:

Telephone:

1-866-468-2968

Knowledge Base:

kbase@inmotiontechnology.com

E-mail:

support@inmotiontechnology.com

APPENDIX B - STANDARD LIMITED WARRANTY

InMotion Technology Inc. (IMT) warrants to the original purchaser that its product are free from any defects in material or workmanship for a period of up to one year from the date of purchase. During the warranty period, the sole responsibility of IMT under this warranty is limited to either repair or, at the option of IMT, replacement of the product without charge for either parts or labor, and to whatever extent it shall deem necessary to restore the product or component to proper operating condition. Any replacement will consist of a new or re-manufactured functionally equivalent product of equal value, and will be solely at the discretion of IMT.

IMT warrants the Software (as part of the oMG products) substantially conforms to its published specifications as defined in the product datasheets. Except for the foregoing, the Software is provided AS IS. In no event does IMT warrant that the Software is error free or that Customer will be able to operate the Software without problems or interruptions. In addition, due to the continual development of new techniques for intruding upon and attacking networks, IMT does not warrant that the Software or any equipment, system or network on which the Software is used will be free of vulnerability to intrusion or attack.

This warranty shall not apply if the product is modified, misused, tampered with, damaged by an act of God, or subjected to abnormal working conditions.

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To obtain the services of this warranty, contact IMT for your Return Material Authorization number (RMA). Products must be returned Postage Prepaid. It is recommended that the unit be insured when shipped. Any returned products without proof of purchase or those with an out-dated warranty will be repaired or replaced (at the discretion of IMT) and the customer will be billed for parts and labor. All repaired or replaced products will be shipped by IMT to the corresponding return address, Postage Paid. This warranty gives you specific legal rights, and you may also have other rights that vary from country to country.