

onBoard™ Mobility Manager

Release Notes

oMM Software Release 2.10

oMM-ED-131001

Rev. 1.0

October 24, 2013



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1 RELEASE INFORMATION

1.1 Officially Released Versions

These release notes are inclusive of all oMM R2.10.x versions.

oMM 2.10.1 was officially released on October 18, 2013.

1.2 Platform Support

oMM 2.10 has been tested on Dell R210 and R410 servers and on VMWare ESXi

1.3 Browser Support

oMM 2.10 has been tested on Internet Explorer 9.0 (compatibility mode required)

1.4 oMG Support

oMM 2.10 supports all versions of oMG software up to R3.9

2 KEY FEATURES AND ENHANCEMENTS

2.1 64Bit OS Support

The onBoard Mobility Manager software has been updated to support CentOS Release 6 operating system running in 64Bit mode. This allows greater resources to be allocated to the oMM processes, increasing the performance and stability of the server.

Note: Support for 32Bit OS has been removed. Customers upgrading to R2.10 will require an upgrade of the Operating System. Contact In Motion Technology Support for further details.

2.2 Improvements to Mass Configuration and Credential Rotation

A number of improvements have been made to the Mass Configuration and Credential Rotation features based on feedback from customers:

- Ability to sort list of oMGs based on number of Config files
- Config file list is now sorted alphabetically in Config Copy screen
- Better handling of error conditions when importing VPN and WiFi Credentials
- Added Help Text to VPN and WiFi Import pages

2.3 Better handling of large reports

When a large report is run as a foreground task (ie not scheduled) where there many oMGs included and/or many days of operation selected, users may be prompted to run the report as a background task or as a scheduled report. This is to prevent performance impacts to other users and avoid reports failing to complete due to browser time-out issues.

2.4 Menu Changes

A number of changes have been made to the oMM Menus. The Misc option has been removed and its contents distributed to other menus. A Diagnostics and Advanced options have been added to contain some of the items previously found in Misc. Completed details of the Menu options can be found in the oMM Operations and Configuration Guide.

2.5 New Reports

The following reports have been added to the system and can be assigned on a per-user basis:

2.5.1 User Activity Report

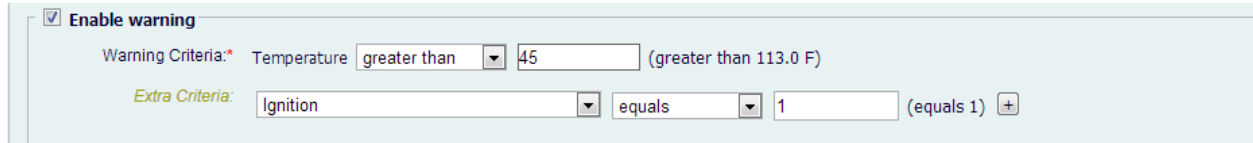
Shows user login and activity

2.5.2 Shutdown Reason Report

Lists times and dates the individual oMGs shutdown and the reason why (eg low voltage, ignition off, power loss). This report replaces the Power-Off reason report.

2.6 Support for multiple threshold triggers

Customers can now configure thresholds that include multiple criteria. For example: Temperature > 45 degrees AND Ignition is On.



Enable warning

Warning Criteria:* Temperature (greater than 113.0 F)

Extra Criteria: (equals 1)

Up to 4 additional criteria may be added to each threshold. The **Show Advanced Config** option must be enabled.

3 REMOVED FEATURES

3.1 Non-GA (Generally Available) Reports

Several reports had been included in previous releases of oMM which were not intended for customer use and so had never been properly tested for accuracy. These reports have been removed and will be evaluated for their usefulness and potential inclusion in a future release after being fully verified.

These include: GPS Reports, WiFi Reports, Event Summary, Ping Times, Multi Network Summary

Only some customers had these reports assigned to their account.

4 ADDRESSED PROBLEMS

Reference	Problem Description
5067	<p>Column Sort has inconsistent or unexpected behavior</p> <p>Most pages on the oMM user interface allow the user to sort the data displayed by clicking on the column heading. Prior to R 2.10 there were several cases where this did not work or did not work as expected.</p>
6869	<p>Columns missing form Report Export</p> <p>When the Client History and Top Client report were exported to Excel, some columns could be removed if there was no data present in the graph. All columns are now preserved.</p>
6669, 6986	<p>Inconsistent results from Link Utilization Report</p> <p>When the Link Utilization Report was run over different time period (Ex 24 hrs and 1 hr) if the call was not stable, the overlapping periods could show different results due to the way minimum call up time was being interrupted.</p>
6691	<p>Exporting reports to MS Excel generates a file format error when opening</p> <p>When a report is exported to Excel, the file content is csv format, but in release prior to 2.10, the extension was incorrectly set to xls which caused MS Excel to generate an error.</p>
6954	<p>Saved Report Templates not sorted logically</p> <p>The list of Saved Report Templates would sort incorrectly based first on the Report Type and then based on the user's selected sort option. The list now sorts only based on the user's column selection.</p>
7122	<p>Dashboard Stats display "Greyed Out" when configured not to</p> <p>Stats that were configured to never show as "Greyed Out" could sometimes get into this state depending on certain trigger events received form the oMG.</p>
7191	<p>Link Utilization Report does not show "Friendly Name" for network interfaces</p> <p>The oMG supports the option of assigning a "Friendly Name" to network interfaces to make them more easily discernable in reports. Prior to R2.10, the Link Utilization report would display the Manufacture's ID instead.</p>
7296	<p>Cellular Network Inventory shows wrong IP Address</p> <p>If the address assigned to a cellular network card changed over time, this report was not able to track these changes and always showed the most recent address.</p>

7220	<p>Non-Admin Users can delete thresholds</p> <p>In R2.9, a user could delete a threshold that they did not have rights to manage, causing it to disappear from all user's Dashboards.</p>
7249	<p>Dashboard thresholds not displayed</p> <p>Depending on a user's permissions, some Dashboard items may not have been displayed in R2.9 due to a new feature used for grouping Thresholds. This has been corrected in R2.10.</p>
7338	<p>Threshold Hold and Delay not working</p> <p>In R2.9, if a Threshold had a Hold or Delay value specified, these would be ignored and the oMM would transition into or out of the trigger states immediately.</p>
7361	<p>Invalid URL in Saved Reports</p> <p>In oMM R2.9, the Link button in Saved Reports provided invalid URLs with extra backslashes that needed to be removed before pasting into a browser address bar.</p>

5 OUTSTANDING PROBLEMS

No known critical issues.

APPENDIX A - IN MOTION TECHNOLOGY INC. CONTACTS

A.1 Comments

If you have any comments or suggestions that can help In Motion 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 In Motion Technology service center in one of the following ways:

Telephone:

1-866-468-2968

Knowledge Base:

kbase@inmotiontechnology.com

E-mail:

support@inmotiontechnology.com

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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.

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