# Vertiv™ RPC2™ Communications Module Plug-in
# Release Notes
# Version 1.1.2.4_103536
# June 1, 2017

This document outlines:

1. Version and Compatibility Information

2. Features and Enhancements

3. Upgrade Instructions

4. Known Issues

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## 1. Version and Appliance Compatibility Information

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This release contains firmware version RPC2_Plugin_1.1.2.4_103536 (supersedes release RPC2_Plugin_1.1.1.2_97953) and is compatible with the following devices and software:

- Vertiv™ RPC2™ communications module and network interface card for the rack power distribution unit (PDU) family of power distribution products

- Vertiv™ MPH2™ rack PDUs

- Vertiv™ MPH™ rack PDUs

- Vertiv™ MPX™ rack PDUs

- Avocent® DSView™ management software

- Avocent® Rack Power Manager software

### Browser Compatibility Table

| Supported Browsers | Version |
|---|---|
| Microsoft® Internet Explorer® | IE10, IE11 |
| Mozilla Firefox® | 28.0 |
| Google Chrome™ | 34.0.1847.116m |
| Safari® (MacBook®) | 6.1.1 |
| Safari (iPad®) | 7.1 |

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## 2. Features and Enhancements

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### Release Features Table

| Features and Enhancements | Description |
|---|---|
| Receptacle Auto-Naming | The receptacles can now be named automatically by selecting multiple receptacles at the *Units-Appliance-Receptacle* table view and clicking the *Configure* button. The auto-naming feature may be enabled, the starting index from 1~48 selected and the name entered and saved. The new name is concatenated with a tilde (~) preceding the index and is applied to the selected receptacles in order from lowest to highest Receptacle ID. |

### Release Fixes Table

| Feature Fix | Description |
|---|---|
| Configuration | • For the *Units-Appliance-<PDU\|Totals\|Branch\|Receptacle\|Sensor>* table views, clicking the hyperlink in the ID column enters the configuration page. Now, only applicable settings available for that unit are displayed.<br>• For the *Units-Appliance-PDU-Totals* configuration page, the neutral overcurrent alarm threshold configuration is restricted to three-phase models.<br>• For the *Units-Appliance-Branch* configuration page, the Software Overcurrent Protection (SWOCP) is now configurable. |
| Add Appliance Wizard | • The assigned default Appliance Name is now the Vertiv™ RPC2™ system name concatenated with its serial number and MAC ID, to make it uniquely identifiable.<br>• The Port value is now assigned the hierarchical PDU-Branch-Receptacle ID. The Branch ID is assigned a numerical value if it is a Vertiv™ MPH™ or MPX™ PDU, and assigned an alpha character if it is a Vertiv™ MPH2™ unit.<br>• SNMPv3 protocol now discovers all appliances within the selected IP address range. |
| Upgrade Firmware Task | The timeout value was increased to prevent false failure status reporting. |
| Avocent® Rack Power Manager software<br><br>Power Manager (Data Monitoring) | For Vertiv™ MPH™ and MPX™ PDU phase level power calculations, the circuit level power measurements are now aggregated according to matching phase.<br>Please note the following definitions and limitations:<br>• Phase (L-N) and line (L-L) power measurements are referred to collectively as "Phase" power.<br>• A "Circuit" has equivalent measurements of the branch, such as MPXBRM.<br>• For units supporting both L-N and L-L voltages, the L-L voltage is preferentially reported.<br>• The "Total Voltage" now reports an average value of either L-N or L-L voltages. If both types are supported, then L-L average voltage is preferentially reported. |

| Feature Fix | Description |
|---|---|
| Avocent® Rack Power Manager software<br><br>Power Manager (Data Monitoring)<br><br>(continued) | • For units supporting both L-N and L-L voltages, the power measurements having the same primary pole are aggregated. For example, L1-N and L1-L2 are aggregated as "Phase A" because L1 is the same primary pole.<br><br>• For single phase 208V (2P3W) units, only "Phase A" power measurements are reported.<br><br>• The first set of measurements for newly added members of the Power Manager-Rack are not displayed until after the next polling cycle has occurred. The "Offline" status is reported until then and, afterwards, either the "Online" (normal) or "Error" status is reported.<br><br>• Under *Units-Power Manger-Settings-Configuration*, the "Number of Outlets" means the total number of <u>monitored</u> outlets. For Vertiv™ MPH™-B and MPH™-C PDU models, Vertiv™ MPX™ systems with MPXBRM-B modules, and Vertiv™ MPH2™-B and MPH2™-C models, these outlets are not monitored and, therefore, not added to the "Number of Outlets" count. |

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## 3. Upgrade Instructions

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See the Avocent® DSView™ and Rack Power Manager Software Plug-in Technical Bulletin or Avocent® DSView™ 4.5 Management Software Installer/User Guide for detailed instructions.

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## 4. Known Issues

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| Feature | Description | Workaround |
|---|---|---|
| Configuration | When configuring the unit by clicking its hyperlink in the table views' ID column to enter the configuration page, sometimes the configuration page does not refresh after changes are saved and closing the configuration page may display a table view showing incorrect information. | Mange configuration changes by clicking the *Configure* button to enter the configuration page instead. |