



Release Notes:

ProCurve Mobility Manager Version 2.0, Update 1

Installation Pre-Requisites

ProCurve Mobility Manager 2.0 (PMM 2.0) Update 1 requires that you have ProCurve Manager Plus (PCM+) version 2.3 Automatic Update 3 installed and configured on your systems.

These release notes include information on the following:

- A list of special notes ([Page 4](#)).
- A list of enhancements included in the Auto-Update releases ([Page 4](#)).
- A list of software fixes included in the Auto-Update releases ([Page 5](#)).
- A list of Known Issues ([Page 6](#)).

Related Publications

For the latest version of any of the publications listed below, visit the ProCurve Networking Web site at <http://www.procurve.com>. Click on **Technical support**, then **Product manuals**.

- Read Me First for the ProCurve Manager, Version 2.3
- ProCurve Network Management Getting Started Guide, Version 2.3
- ProCurve Manager Plus Network Administrator's Guide, Version 2.3

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Applicable Products

- J9074A ProCurve Mobility Manager 2.0, 50-device license
- J9075A ProCurve Mobility Manager 2.0, +100-device license
- J9076A ProCurve Mobility Manager 2.0, unlimited-device license
- J9081A ProCurve Mobility Manager 2.0, upgrade from PMM 1.1

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[http:// www.openssh.com](http://www.openssh.com).

SSL on ProCurve Switches is based on the OpenSSL software toolkit. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. For more information on OpenSSL, visit

<http://www.openssl.org>.

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com). This product includes software written by Tim Hudson (tjh@cryptsoft.com)

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Hewlett-Packard Company
8000 Foothills Boulevard, m/s 5551
Roseville, California 95747-5551
www.procurve.com

Software Management – PMM 2.0 Update 1

If upgrading from ProCurve Manager 2.2, ProCurve Manager 2.3 must be manually installed and Automatic Update 3 must be installed before installing this ProCurve Mobility Manager 2.0 update. Once you have installed ProCurve Manager 2.3 and its Automatic Update 2, you can install this update using the “Automatic Update” feature in PCM+, or you can install it manually.

Using the PCM Automatic Update to Install

1. Open the Preferences panel in the PCM Client and select the **Automatic Updates** node.
2. Click the **Check Now** button. A dialog appears with a list of the available update(s).
3. Select the update, ensure that the **install** checkbox is enabled and click the **Next** button.
4. A warning message appears, advising you that any PCM clients will be disconnected. Click **OK** to continue.
5. After the update package is downloaded, you will be prompted to close the PCM Client. Click **OK** to close the pop-up, then close the Preferences window and exit PCM.

The update will be applied and the PCM services restarted. Once this is done you can reconnect with the PCM client and begin using the updated version of Network Immunity Manager.

Using the Manual Process to Install

1. Copy the pmm_2_0_update_1.zip file to the \PNM\server\data\download\autoupdate directory. (Do not unzip the file.)*
2. Open the Preferences panel in the PCM Client and select the **Automatic Updates** node to display the Global:Automatic Updates panel.
3. Click the **Check Now** button at the bottom of the panel to display the **Select update mode:** dialog.
4. Select the **Check for updates in PCM's download folder** option and press **Next**.
5. You should see the new auto-update presented for installation, and you can continue with the Update installation (steps 3 through 5 above).
6. Restart the client and verify that the update was applied by checking the **Update History** node located under the Automatic Updates preference node.

* The default PCM server installation directory is: C:\Program Files\Hewlett-Packard\PNM\server on the workstation where PCM was initially installed.

Mobility Manager 2.0 Notes

If the network contains access points that are not configured with the default CLI passwords and SNMP credentials used by PCM, the elements associated with those access points (e.g., radios, SSIDS) may not be discovered. The user should either pre-configure the devices with the access credentials used by PCM prior to starting discovery or wait until the device is discovered and use the “Communication Parameters in PCM” wizard to override the global defaults. You can then use Manual Discovery to re-discover the device, and its related radios and SSIDs, or you can simply wait until the next regularly scheduled discovery cycle collects the information.

PMM 2.0 Enhancements

Update 1

Site View

- The Location Confidence option has been added to the Annotations tab to increase the amount of data collected about a station’s location, which improves the accuracy of an unassociated station’s location on the site map.

The Site View tab displays the location of stations associated with a wireless device that has been placed on the Site. When multiple wireless devices "hear" a station, that station's location can be more accurately placed. The Location Confidence feature provides a means to enable (or disable) the "listening" feature on selected radios and radio ports.

The firmware version of Radio Ports and Access Points must support this feature (known as station probe history on Wireless Edge Services Modules), and Radio Ports must be assigned to a WLAN. Station probe history is enabled/disabled on Wireless Edge Services Modules with the CLI command `station probe-history <enable/disable>`.

Site Edit

- Antenna beam width selection in the Properties pane has been changed to a pull-down menu.
- Size of device icons can now be selected by the user on the Properties pane.
- Precise location of a device icon is now shown in the mouseover tool tip.
- During group selection, users can now unselect individual icons.
- A tool has been added to measure the distance between two points.

Site Management

- A Brick Wall material (attenuation 8) has been added to the predefined custom materials.
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Enhanced AP530 Support

- The AP-Authentication feature enables the AP 530 to authenticate itself to a standard RADIUS server using its own username and password, just as a client or station would. This auto update displays AP-Authentication configuration settings on the Wireless Properties tab of an AP530 with firmware version WA.02.11 or greater. Information displayed includes the AP-authentication state: enabled or disabled. When enabled, the authentication protocol (PEAP, MD5) and user name are displayed.
- The Group Configuration feature enables an administrator to configure and manage groups of up to 12 AP530s using the management interface of only one of the devices. This autoupdate displays Group Configuration settings on the Wireless Properties tab of an AP530 with firmware version WA.02.11 or greater. Information displayed includes the Group Configuration state: enabled or disabled. When enabled, the group name and member ID are displayed.
- The Adaptive Tx Power Control feature enables and disables Adaptive Tx Power Control on the selected radio. This autoupdate displays Adaptive Tx Power Control configuration settings on the Radios tab of an AP530 with firmware version WA.02.11 or greater. Information displayed includes the ATPC state: enabled or disabled. When enabled, the Avoid Neighbor Aps, Mode, RF Group Name, and Reduction Limit are displayed.
- Web Authentication configuration settings are displayed on the WLANs tab of an AP530 with firmware version WA.02.11 or greater. When configured, the information is appended to the Security Summary as web-auth.

Software Fixes in PMM 2.0 Update 1

The following Mobility Manager 2.0 problems were resolved in Mobility Manager Update 1:

- **Reports (PR_1000450951)** — When printing an on-screen report, last two columns are truncated from the printout.
- **Reports (PR_1000456272)** — When printing the Wireless Device Planner, Device Location and Classification are truncated from the printout.
- **Site View (PR_1000460185)** — RF coverage area's graphical interface sometimes doesn't reflect correct antenna beam width setting.
- **Disable Radio (PR_10004715959)** — When an AP530's radio is disabled, deploying its configuration triggers the error message "Invalid Parameter. Transmit Power 0." This message is inaccurate and should be ignored.
- **Site Edit (PR_1000736957)** — Once the process of resizing the grid starts, it cannot be cancelled. The resizing process is usually of short duration. However, this can take several minutes for large and complex sites.

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Known Issues for PMM 2.0 Update 1

- **Site Edit (PR_1000742982)** — When entering a file name to save a site screenshot, ensure asterisks or parentheses *() are not used in the file name. The file save dialog box appears to accept them, but no file is saved.
- **Site View (PR_1000470180)** — At certain scaling factors, it is difficult to select a wall (obstruction), because the wall graphic is narrow.

Known Issues for PMM 2.0 Update 1

- **Device Status (PR_1000445976)** — Mismatch between device status history chart time stamp and the real time clock.
- **Stations (PR_1000460189)** — RADIUS clients missing from the Associated Stations chart for AP530. Future AP530 firmware upgrade should fix this issue.
- **Deploy (PR_1000740462)** — Deploying multiple RPs can cause intermittent failures. Future WESM ZL/XL firmware upgrade should fix this issue.
- **Site Edit (PR_1000742988)** — Sometimes AP530s cannot be dragged into Site Edit canvas. Future AP530 firmware upgrade should fix this issue.
- **Site Edit (PR_1000471007)** — Undo only undoes one plane (X or Y axis) at a time.