

Raritan® PX Firmware Version 1.5.8 (firmware version will be displayed as 01.05.08 in the GUI after an upgrade; build number on the *Device Information* page will be 11272)

Version: DPX 1.5.8- Build 11272 Release Notes, Revision 3

Date: September 30, 2013

Effective: Immediately.

Applicability:

This is a General Availability (GA) firmware release for the models listed in the **Raritan PX Release 1.5.8 Compatibility Information** section below. Additional models may be tested after this release is available.

A PRE-REQUISITE for upgrading to PX1.5.8 is to be running PX1.5.4 or PX1.5.5. Therefore for firmware upgrades for all customers running releases older than 1.5.5, this is a two-step upgrade, i.e., first upgrade to 1.5.4 (Fence release) and then to 1.5.8.

Release 1.5.4 is an intermediate step in the upgrade to 1.5.8; it is referred to as a Fence release in the Upgrade Matrix (see section below). Release 1.5.4 is only used as a step to get to release PX1.5.7, it is NOT intended that customers will upgrade to 1.5.4 and stop.

Also, getting to the 1.5.x firmware (from 1.3.n or 1.4.n) codebase is a very significant upgrade to the internal firmware components, so it may take as long as 30 minutes. Read the detailed firmware upgrade instructions (in the PX1.5.7 Release Notes) before starting the upgrade process.

It is recommended that ALL customers upgrade to PX1.5.8 if at all possible.

Due to significant internal enhancements in PX 1.5.8, you cannot downgrade from Release 1.5.8 to ANY prior release.

For customers using CC-SG 5.0-5.2; note restrictions in Known Issues with Release 1.5.8 section below.

Release Status: A PRE-REQUISITE for upgrading to PX1.5.8 is to be running PX1.5.4/1.5.5/1.5.7. You cannot upgrade to PX1.5.8 until you are running firmware version PX1.5.4 or higher. See the Upgrade Matrix below.

Raritan PX Overview:

Raritan/Dominion PX refers to Raritan's family of intelligent power distribution units (iPDUs).

Release 1.5.8 contains all enhancements and fixes which are listed below:

- A) Network driver changed to previous version to resolve incompatibility with Cisco 45xx switches with POE mode set to Auto, Auto. [50077]

- B) Fixed topology issue with PX-5551. Line data and Inlet readings not showing in Power IQ 4 [49893]

Consult the PX 1.5 User Guide posted on the Raritan website for more information on these PX features.

Raritan PX Documentation:

The following user documentation is available for the Raritan PX:

The latest English language User Guide for PX1.5 (PDF format) should be used with this release; it is available from Raritan’s website via a hyperlink from the GUI.

Not Supported with the Raritan PX 1.5.8:

ALL PX models with part number beginning with PX2-nnnn, and all PX-1000, PX-2000, and PXE series models are NOT supported by this release. See the PX2.n release for these models.

Some custom PX models may not be supported by this release. Please contact Raritan Support to see if your Custom model is supported in this release.

See “Dominion PX Release Compatibility Information” or Known Issues (below) for restrictions.

Upgrade Matrix (path for upgrades):

The MINIMUM release versions required to upgrade to 1.5.8 is 1.5.4 or 1.5.5. If you are running a release OLDER than PX 1.5.0 (examples: 1.0.n, 1.1.n, 1.2.n, 1.3.n – where n<5), please contact Raritan Support on how to get the PX to 1.5.4 BEFORE attempting to upgrade the unit to PX1.5.8.

Please note caution about sensor alerts (#4 in the Release 1.5.7 Compatibility section in the PX1.5.7 Release Notes). PX1.5.4 is a just a fence (i.e., intermediate) release.

Upgrade paths to PX firmware release 1.5.8

Starting firmware release	Upgrade to Fence Release	Upgrade to Final release	Comments
Pre - 1.3.5	See comments	See comments	Contact Raritan Support
1.3.X (where X>=5); examples 1.3.5, 1.3.12, etc.)	1.5.4	1.5.8	No need to disconnect serial port.
1.4.1	1.5.4	1.5.8	No need to disconnect serial port.
1.5.0	1.5.4	1.5.8	Must disconnect anything plugged into the serial port

1.5.2	1.5.4	1.5.8	Must disconnect anything plugged into the serial port
1.5.4	Not applicable	1.5.8	No need to disconnect serial port.
1.5.5	Not applicable	1.5.8	Must disconnect anything plugged into the serial port prior to upgrade.

Raritan PX Release 1.5.8 Compatibility Information:

1. Upgrade Matrix: See IMPORTANT note under Upgrade Matrix above BEFORE upgrading firmware on any unit.
2. Use the PX1.5.7 MIB from the Raritan website, it is unchanged for PX1.5.8.
3. Use the PX1.5.7 QSG and User Guide from the Raritan website for PX1.5.8.
4. Tested on the following models only:
 - a. See **PX1.5.7 Supported Models List** on the Raritan website:
<http://www.raritan.com/support/dominion-px/>

Known Issues with DPX Release 1.5.8:

1. See PX1.5.7 release notes posted on Raritan’s website.

Release Package Details:

The Release 1.5.8 package for the Dominion PX series has the following components. Note that if the release status is Generally Available (GA) the binary file is posted as a Zip file under firmware upgrades on Raritan’s website. Some releases are not posted and are intended for specific new models only. If posted, the file is zipped and must be unzipped before it can be installed on the Dominion PX unit:

“DPXReleaseNotes1_5_8v3” – this file

A firmware release (binary):

fw-kira-rpc-pdu-raritan_010508-11272-WUB.bin

Firmware Upgrade Pre-requisites:

If you have any questions, or cannot follow the instructions below, please STOP and contact Raritan Technical Support for further instructions. Please read the entire instructions (this document) before proceeding.

DPX 1.5.8 Build 11272 Release Notes, Revision 1

September 30, 2013

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