

## Release Notes for Raritan PX Firmware Version 3.2.10

**Version:** PX2 3.2.10 Build 42978 Release Notes, Version 5

**Date:** April 7, 2016

**Effective:** Immediately.

**Applicability:**

This firmware release is for General Availability ("GA") on all existing Raritan PXE, PX2-, PX3-, PX3TS, BCM-24xx, BCM2 and EMX2 models. Use the User Guide for PX3.2.10. Release 3.2.10 contains all enhancements and fixes which are listed [below](#).

Some custom engineered models are not be supported by this release. Please check the Not Supported in This Release section [below](#). Or, contact Raritan Support if you are unsure of the model number of your unit; it is typically viewable from the GUI *Device Information* page, and is printed on a label on the side of the PDU.

Please do NOT upgrade ANY other Raritan PX model(s) to PX 3.2.10 because the unit may have been built after this release entered System Test, and it may result in the unit becoming non-functional.

Please do NOT downgrade your new PX2/PX3 firmware based models to any prior release, as these models may not be supported in previous firmware versions.

Caution: Only Power IQ releases 5.0 and higher are compatible with PX3.2.10.

Due to significant internal enhancements in PX 3.2.10, you cannot downgrade from Release 3.2.10 build 42978 to ANY prior release. Please contact Raritan Support with any questions.

**Release Status:** General Availability (GA)

**Release 3.2.10 contains all enhancements and fixes which are listed below:**

- 1) BCM2: Display Circuit information in dot-matrix display [63147]
- 2) Append serial number to diagnostic data filename [63073]
- 3) USB drive config: allow multiple config= entries [63072]
- 4) LDAP Users to download diagnostic file other than admin [62662]
- 5) Upload coredumps via tftp [62616]
- 6) PX3TS: Improve transfer log [62432]
- 7) Support Edge Browser (Windows 10) [61943]
- 8) Added alerts on Power Meters page [61854]
- 9) Implement S0 interface [61388]
- 10) Change "forced password change" on startup to "suggested password change" [60038]
- 11) Active Hub for G2 one-wire sensors/actuators [61015]
- 12) Disable automatic reset of RS485 slaves via break condition on RS485 bus [60036]
- 13) Mixed Environment G1 and G2 one-wire peripheral devices [59489]
- 14) New feature request: Event rule for sending SMS message failed [44357]

- 15) FW: PDU Raritan and DHCP [63319]
- 16) snmp v3 port switching issue / PX2-2190R [62786]
- 17) LDAP Users to download diagnostic file other than admin [62662]
- 18) ATS switch inlet short Model: PX3TS-1147R [61157]
- 19) PX2/PX3 shutdown power to power CIM during CIM firmware update. [60205]
- 20) Correct false power on event [61147]

Consult the PX3.2.10 User Guide for more information on these firmware features:  
<http://www.raritan.com/support/dominion-px2/>

### **Raritan PX Documentation:**

The online User Guide for PX 3.2.10 should be used with this release. A PDF version is available only upon request from Raritan Support. The SNMP MIBs- PDU, Asset Management Sensor (AMS) - are retrievable from the unit itself. An updated USB serial driver (v2.0) is posted on the Raritan website under *Support-Other Files* (scroll down to see the *Other Files*):  
<http://www.raritan.com/support/dominion-px2/>

### **Not Supported with PX 3.2.10:**

Except for some recent Engineered to Order (ETO) models, all units/models that can run PX2 firmware can be upgraded to this release. If you are unsure that your model is supported by this firmware, please contact Raritan Support.

### **Upgrade Matrix (path for upgrades):**

This release is intended for factory shipments firmware upgrades on all of the following series/models: PXE, PX2-, PX3-, PX3TS, BCM-24xx, BCM2 and EMX2.

### **Important Notes and Information:**

Enable JavaScript in your browser before logging into the unit to start the upgrade process.

### **Known Issues with this Release:**

- 1) DHCP changes in 3.2.10 [63139]

We corrected an issue with the DHCP Client ID: With 3.2.10, the EMX device will correctly use its Serial Number as Client ID.

This will have the following side-effect:

- if the EMX is configured to DHCP, the DHCP server might provide a different IP address after the update to 3.2.10 and so the redirection of the web GUI will not work

Workaround:

- check the new IP e.g. via front panel (press Mode until the IP is displayed) and use the new IP in the URL for the web GUI

## Release Package Details:

Release 3.2.10 is a GA (General Availability) release, and will be posted on the Raritan website.

Some releases (“LA”, for limited availability, meaning not tested on all products like GA releases) are **not** posted on the website, and are intended for specific old or new models only. If posted, the binary file is zipped and must be unzipped before it can be installed on the Raritan unit:

**Please note that the firmware file for the EMX2 model is different than the PXE, PX2-, PX3-, PX3TS, BCM-24xx and BCM2 models.**

### Release 3.2.10 Package components for EMX2:

- “PX2ReleaseNotes3\_2\_10\_0v5” (this file)
- A firmware release (binary): emx-ecx-030210-42978.bin

### Release 3.2.10 Package components for PXE, PX2-, PX3-, PX3TS, BCM-24xx, and BCM2:

- “PX2ReleaseNotes3\_2\_10\_0v5” (this file)
- A firmware release (binary): pdu-px2-030210-42978.bin

### Firmware Upgrade Pre-requisites:

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

**General Upgrade Instructions** (standalone upgrade from the browser based user interface):  
Follow instructions in the User Guide.