
Date: October 5, 2020

Version: Xerus 3.6.10 / Build 47045 / Release Notes, Version 4

Release Status: Limited Availability (LA) for select Xerus based products

Release Overview

Xerus™ Firmware 3.6.10 is an **Incremental Release** for select Xerus based products. It includes performance and productivity improvements, new features, and fixes for specific model families.

Applicability

This firmware release is applicable to the following Xerus-based product brands and models.

| <i>Product</i> | <i>Applicable Brand: Model</i> |
|---------------------------|---|
| PDU | Raritan: PX2, PX3, PXE, PXO, PXC, PX3TS Legrand: Switched and Metered Models |
| Smart Rack Controller | Raritan: SRC |
| Branch Circuit Monitoring | Raritan: BCM2 |

General Guidelines for this Release

Some custom engineered models will 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.

Note: In accordance with [California Senate Bill 327](#), Xerus Firmware has recently updated its default password policy.

Note: Do NOT upgrade ANY other Raritan PX model(s) to Xerus 3.6.10 (other than what's listed in the table above) because the unit may have been built after this release entered our System Tests and it may result in the unit becoming non-functional.

Note: Do NOT downgrade your new Xerus based products to any prior release. Due to significant internal enhancements in Xerus 3.6.10, a downgrade from the Release 3.6.10 Build 47045 to ANY prior release is NOT SUPPORTED. Please contact Raritan Support with any questions.

Note: Only Power IQ® (DCIM software from Sunbrid®) v6.0 and higher are supported with Xerus 3.6.10.

Release Highlights

New Products & Accessories

| <i>Issue ID</i> | <i>Description</i> |
|-----------------|--|
| 71800 | New 8-Port Smart Rack Controller (<i>SRC-0800</i>) now supported |
| 70544 | New +/-48VDC Smart Rack Controller (<i>SRC-0103</i>) now supported |
| 71245 | New Airflow SmartSensor (<i>DX2-AF1</i>) now supported |
| 71691 | New Water SmartSensor (<i>DX2-WS1</i>) now supported |
| 71243 | New Differential Air Pressure SmartSensor (<i>DX2-T1DP1</i>) now supported |
| 72560 | New Environmental Sensor Hub (<i>DX2-ENVHUB4</i>) now supported |
| 74273 | New Environmental Sensor Remote Hub (<i>DX2-REMHUB4</i>) now supported |
| 73434 | New 48U Uni-Body Asset Management Strip (<i>AMS-48U</i>) now supported |
| 74016 | New 2U Modular AMS Extension (<i>AMS-M2U</i>) now supported |
| 73356 | New BD2000 Keypad (<i>SML-KEYPAD-1</i>) now supported |

New Features & Enhancements

| <i>Issue ID</i> | <i>Description</i> |
|-----------------|---|
| 73724 | PDU model name now included in DHCP discover messages |
| 73802 | Alerted state notifications now available via Modbus |
| 74257 | Bulk config filter added for Modbus and Modbus Gateway |
| 74624 | Adjustable MTU size selections now accessible via the GUI and CLI |
| 74885 | Disable option added for RADIUS authentication/authorization and accounting |
| 74971 | Added V, A, and kW information to Modbus register descriptions |
| 74992 | Updated breaker trip root cause notifications and logs |
| 75152 | New privileges added for viewing and changing door access rules (SmartLock) |
| 69006, 75183 | Local PDU Authorization features added (SmartLock) |
| 69107 | Keypad interface now supported (SmartLock) |
| 75069 | Configurable door handle's re-lock feature added (SmartLock) |
| 74631 | Demand metering added as an additional power metric (BCM2) |
| 72892 | AMS daisy chaining for modular accessories (AMS) |

Resolved Issues

| <i>Issue ID</i> | <i>Description</i> |
|-----------------|---|
| 74882 | Fixed sensor assertion timeout issue |
| 75208, 75154 | Timing enhancement for large raw config uploads |
| 74708 | SNMP polling issues corrected when specific DCIM configurations are defined |
| 74742 | Duplicate MAC address issue corrected |
| 74904 | Resolved accuracy issues with legacy DPX-T1H1 sensors |

Security Fixes & Updates

| <i>Issue ID</i> | <i>Description</i> |
|-----------------|--|
| 74707 | Support added for TLS Certificate Chains |

Please consult the appropriate User Guide for more information on these firmware features at Raritan.com/support.

Not Supported with Xerus 3.6.10

Except for some recent Engineered to Order (ETO) models, all units/models that can run Xerus Firmware can be upgraded to this release.

Power IQ & New Hardware Support

- DX2-DH2C2 (*SmartLock Door Handle Controller*) is compatible with Power IQ release 6.1.1 and later.

Unsupported Accessory Configurations

- AMS-M2-Z (*Modular AMS Strip*) Hot Plugging – These asset management accessories cannot be hot plugged and doing so may result in a controller re-boot or the need to re-boot (power down) the entire PDU.

Default System Passwords

- In accordance with [California Senate Bill 327](#), Xerus Firmware has been recently updated to reflect an updated default password policy. Passwords must now be manually set on all new units running Xerus 3.6.0 (and later) or devices that are running Xerus 3.6.0 (and later) and have been factory reset.
- By default, the strong password policy is enabled.

If you are unsure that your model is supported by this firmware or have any questions about unsupported configurations, please contact your regional support team at Raritan.com/support.

Upgrade Matrix (Path for Upgrades)

This release is intended for factory shipments and firmware upgrades on the series/models stated in the table above.

Please Note: Due to file system changes in v3.6.10 and previous releases, the following upgrade paths need to be followed or the Xerus device may become inoperable and require manual recovery.

| <i>Firmware Version</i> | <i>Upgrade Steps</i> |
|-------------------------|--------------------------|
| 3.0.x, 3.1.x, 3.2.x | » 3.4.0 » 3.5.0 » 3.6.10 |
| 3.3.x, 3.4.x | » 3.5.0 » 3.6.10 |
| 3.5.x | » 3.6.10 |
| 3.6.x | » 3.6.10 |

Historical firmware version downloads can be found on Raritan.com/support.

Raritan PX Downloads

The following supplemental files can be downloaded at [Raritan.com/support](https://raritan.com/support) (please select the correct product):

- Firmware Files and Release Notes
- Product Documentation and User Guides
- SNMP MIBs
- Related Tools and Drivers
- JSON-RPC SDK

Release Package Details

The Xerus 3.6.10 release package has the following components. It is a LA release and firmware **will not** be posted on the Raritan website at [Raritan.com/support](https://raritan.com/support). If you require this firmware, please contact us using the link below.

Release 3.6.10 Package components for PXE, PXC PXO, PX2, PX3, PX3TS, SRC, BCM2 & Legrand Switched/Metered Products:

- “Xerus_Release_Notes_3_6_10_v3” (this file)

General Upgrade Instructions

(standalone upgrade from the browser-based user interface)

- Enable JavaScript in your browser before logging into the unit to start the upgrade process.
- Follow instructions in the appropriate device User Guide. Please read the entire upgrade instructions before starting an upgrade.
- *If you have any questions, or cannot follow the instructions in the User Guide, please STOP and contact Raritan Support for further instructions or to submit a support ticket.*

Contact Us

Please go to [Raritan.com/support](https://raritan.com/support) for contact options.