
Date: September 3, 2020

Version: Xerus 3.6.1 / Build 46982 / Release Notes, Version 6

Release Status: General Availability (GA) for select Xerus based products

Release Overview

Xerus™ Firmware 3.6.1 is a critical security release addressing SNMP-based vulnerabilities. All customers with Xerus based products are recommended to upgrade to this release.

Applicability

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

<i>Product</i>	<i>Applicable Brand: Model</i>
PDU	Raritan: PXE, PX2, PX3, PXC, PXO, PX3TS Legrand: Switched and Metered Models
Smart Rack Controller	Raritan: EMX2, 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 updated its default password policy.

Note: Do NOT upgrade ANY other Raritan PX model(s) to Xerus 3.6.1 (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 3.6.1, a downgrade from the Release 3.6.1 Build 46982 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 3.6.1.

Release Highlights

Security Fixes & Updates

Issue ID	Description
75673	Fixed an issue where certain requests caused SNMPv3 network services to hang and may allow for unauthenticated access
74708	Fixed an SNMP-based buffer overflow error triggered by processing "getnext"

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

Not Supported with Xerus 3.6.1

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 updated its 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.

EMX2 Internal Sensor Availability:

- Upgrading EMX to Xerus 3.6.1 may require reboot to re-enable all internal sensor functionality. When doing so, external sensors and peripheral devices are not impacted.

If you are unsure that your model is supported by this firmware or you 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 Xerus 3.6.1 and previous releases, the following upgrade paths need to be followed or the Xerus-enabled 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 » 3.6.0 » 3.6.1
3.3.x, 3.4.x	» 3.5.0 » 3.6.0 » 3.6.1
3.5.x	» 3.6.0 » 3.6.1
3.6.x	» 3.6.1

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 (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 3.6.1 release package has the following components. It is a GA release and will be posted on the Raritan website at Raritan.com/support. Please note that the firmware file for the EMX2 model is different than the PXE, PX2, PX3, PX3TS, and BCM2 models.

Xerus 3.6.1 Package components for PXE, PXC PXO, PX2, PX3, PX3TS, SRC, BCM2 & Legrand Switched/Metered Products:

- “Xerus_ReleaseNotes_3.6.1.pdf” (this file)
- A firmware release (binary): pdu-px2-030601-46982.bin

Xerus 3.6.1 Package Components for EMX2:

- “Xerus_ReleaseNotes_3.6.1.pdf” (this file)
- A firmware release (binary): emx-ecx-030601-46982.bin

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://www.raritan.com/support) for contact options.