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**Date:** May 7, 2021

**Version:** Xerus 3.6.40 / Build 47733 / Release Notes, Version 1

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

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## Release Overview

Xerus™ Firmware 3.6.40 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 applies to the following Xerus-based product brands and models.

<i>Product</i>	<i>Applicable Brand: Model</i>
PDU	Raritan: PX3

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## General Guidelines for this Release

Some custom-engineered models will not be supported by this release. Please check the **Support & Compatibility** 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 device.

*Note:* Per [California Senate Bill 327](#), Xerus Firmware has updated its default password policy.

*Note:* Do NOT upgrade ANY other Raritan PX model(s) to Xerus 3.6.40 (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 3.6.40, a downgrade from the Release 3.6.40 Build 47733 to ANY prior release is NOT SUPPORTED. Please contact Raritan Support with any questions.

*Note:* For Sunbird® Power IQ® DCIM software users, Power IQ v6.0 and higher is supported with Xerus 3.6.40.

## Release Highlights

### Bug Fixes

<i>Issue ID</i>	<i>Description</i>
76745	Fixed issue where water rope sensor (DX2-WSC) may generate false alarms
76734	Fixed network communication issues and internal sensor errors when PDUs are part of larger network cascade chain and configured for port forwarding

### Security Fixes & Updates

<i>Issue ID</i>	<i>Description</i>
77202	Open SSL update to 1.1.1k to fix TLS server crash vulnerability (CVE-2021-3449)

Please consult the appropriate User Guide for more information on these firmware features at [Raritan.com/support](https://Raritan.com/support).

## Support & Compatibility with Xerus 3.6.40

Except for some recent Engineered to Order (ETO) models, units/models listed above that are Xerus-based can be upgraded to this firmware release.

### Default System Passwords:

- Per [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.

### Sunbird Power IQ & New Hardware Support:

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

### Accessory Configurations Not Supported:

- 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.

If you are unsure that your unit/model is supported by this firmware or you have any questions about supported or unsupported configurations, please contact your regional support team at [Raritan.com/support](https://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 3.6.40 and earlier 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 » 3.6.40
3.3.x, 3.4.x	» 3.5.0 » 3.6.40
3.5.x, 3.6.x	» 3.6.40

Historical firmware version downloads can be found on [Raritan.com/support](http://Raritan.com/support).

### Raritan PX Downloads:

The following supplemental files can be downloaded at [Raritan.com/support](http://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 3.6.40 release package has the following components. It is a limited availability (LA) release and only documentation will be posted on the Raritan website at [Raritan.com/support](http://Raritan.com/support). Please contact tech support if you believe that you need this update.

### 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 proper 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.*

## Contact Us

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