

Xerus Firmware Release Notes



Version: Xerus 4.0.40 / Build 49500 / Release Notes, Version 2

Release Status: General Availability (GA)

Date: May 01, 2023

Release Overview

Xerus 4.0.40 Firmware is a **General Availability (GA) Release** for applicable Xerus-based product groups. This release may include performance and productivity improvements, support for new products and accessories, new features and enhancements, bug fixes, and general fixes for specific model families.

Applicability

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

<i>Product Group</i>	<i>Model</i>
Rack PDUs	PX4
Asset Management	AMS2

General Guidelines for this Release

Some custom-engineered models may 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's *Device Information* page and is also printed on a label located on the device.

Note: 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.

Note: Do NOT upgrade ANY other Raritan model(s) to Xerus 4.0.40 Firmware (other than what is listed in the Applicability table above) because the unit may either not be compatible with Xerus Firmware or may have been built after this release entered our System Tests and installing it may result in the unit becoming non-functional.

Note: Do NOT downgrade your new Xerus-based product(s) to any prior Xerus Firmware release. Due to significant internal enhancements in Xerus 4.0.40, a downgrade from Release 4.0.40 Build 49500 to ANY prior firmware release is NOT SUPPORTED. Please contact Raritan Support with any questions.

Note: For Sunbird® Power IQ® DCIM software users, Power IQ v8.0 and higher supports data collection only. Bulk configuration will not be supported until Power IQ v9.0 for all Xerus Firmware 4.x.

Release Highlights

New Products & Accessories Now Supported

<i>Issue ID</i>	<i>Description</i>
79711	New PX4 4K outlet level metering and PX4 5K outlet level switching product options now supported
80779	New AMS2 Asset Management support. Initial supported models are the AMS2-42, AMS2-45, and AMS2-48

New Features & Enhancements

<i>Issue ID</i>	<i>Description</i>
77641	DSAM Support – Access to serial targets now available through Xerus firmware

Bug Fixes

<i>Issue ID</i>	<i>Description</i>
81267	Fixed versioning mistake with PeripheralDeviceSlot.IDL in release 4.0.0 and later
80348	Fixed relock issue on handle close with Dirak MLR2500/KP handles

Security Fixes & Updates

<i>Issue ID</i>	<i>Description</i>
81359	OpenSSL update to 1.1.1t that fixes various CVEs
80793	Updated zlib to 1.2.13 (CVE-2022-37434)
80791	Fixed various Linux Kernel WLAN security issues

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

Support & Compatibility with Xerus 4.0.40

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

Models Not Supported

The following Raritan models are not supported by this firmware release:

- PX2 Models
- PX3 Models
- PXC Models
- PXO Models
- SRC
- BCM2

Sunbird Power IQ & New Hardware Support

- DX2-DH2C2 (*SmartLock Door Handle Controller*) is compatible with Power IQ release 8.x.x and later.

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

Upgrade Matrix (Path for Upgrades)

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

Note: Due to file system changes in Xerus 4.0.x, the following upgrade paths need to be followed or the Xerus-based device may become inoperable and require manual recovery.

<i>Firmware Version</i>	<i>Upgrade Steps</i>
4.0.20	» 4.0.40

Downloads

The following supplemental files can be downloaded at raritan.com/support:

- Product Documentation and User Guides
- SNMP MIBs
- Related Tools and Drivers
- JSON-RPC SDK
- Redfish[®] Documentation

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

Release Package Details

The Xerus 4.0.40 Firmware is a General Availability release package and will be posted on the Raritan support website at raritan.com/support.

Xerus 4.0.40 Package

- "Xerus_ReleaseNotes_4.0.40.pdf" (this file)
- A firmware release (binary): pdug4-ixg4-040040-49500.bin

General Upgrade Instructions (*stand-alone 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

Go to raritan.com/support for contact options.