

Xerus Firmware Release Notes



Firmware 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 (see table below for applicability). 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 models.

<i>Product Group</i>	<i>Model</i>
Rack PDUs	PRO4X
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 Server Technology 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 before first use.

Note: Do NOT upgrade ANY other Server Technology PDU 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 4.0.20 and Xerus 4.0.21, a downgrade from Release 4.0.40 Build 49500 to ANY non-Xerus Firmware 4.x is NOT SUPPORTED. Please contact Server Technology 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 PRO4X Smart, PRO4X Switched, and PRO4X Switched POPS product options are 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 servertech.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 Server Technology models are not supported by this firmware release:

- PRO2 models
- PRO1 models
- Sentry CDU models
- EMCU, EMTH, and EMWS Modules and Sensors
- Raritan BCM2
- Raritan SRC

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 Server Technology unit/model is supported by this Xerus Firmware release or have any questions about supported or unsupported configurations, please contact your regional Server Technology Support team at servertech.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, 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 from servertech.com/support/rack-pdu-firmware-downloads:

- PRO4X 4.0.40 Release Notes
- PRO4X User Guide - Features
- PRO4X User Guide - Graphical User Interface
- PRO4X User Guide - Command Line Interface
- PRO4X User Guide - SNMP MIB
- PDU Network Connection Setup

Release Package Details

The Xerus 4.0.40 Firmware is a General Availability release package and is posted on the Server Technology support website at servertech.com/support/rack-pdu-firmware-downloads.

Xerus 4.0.40 Package

- "Xerus_ReleaseNotes_4.0.40_PRO4X.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 the 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 Server Technology Support for further instructions.

Contact Us

Go to servertech.com/support for contact options.