

Xerus Firmware Release Notes



Version: Xerus 4.3.0 / Build 51180

Release Status: Limited Availability (LA)

Date: February 7, 2025

Xerus 4.3.0 Firmware is an LA Release and 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 product groups and models:

<i>Product Group</i>	<i>Model</i>
Raritan® Rack PDUs	PX3, PX2, PXC, PXO
Raritan Inline Meters	PX3
Raritan Rack Transfer Switches	PX3TS
Raritan Branch Circuit Monitors	BCM2
Raritan Smart Rack Controllers	SRC
Legrand® Access Control	SML SmartLock™
Legrand Sensors	DX2 SmartSensors™
Legrand Asset Management	AMS2 Strips

Upgrade Path

This firmware release is intended for factory shipments and firmware upgrades on the units/models stated in the Applicability table above; 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. (This release may not support some custom-engineered models.)

The release package for this firmware update is available at raritan.com/support/product/pdu-g2.

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

<i>If the Applicable Device's Current Firmware Version Is...</i>	<i>Follow These Upgrade Steps</i>
Xerus 3.0.x, 3.1.x, 3.2.x	» 3.4.0 » 3.5.0 » 4.3.0
Xerus 3.3.x, 3.4.x	» 3.5.0 » 4.3.0
Xerus 3.5.x, 3.6.x	» 4.3.0
Xerus 4.0.x	» 4.3.0

Xerus 4.1.x, 4.2.x » 4.3.0

Note: Do NOT downgrade your new Xerus-based product(s) to any prior Xerus Firmware release. A downgrade to ANY prior firmware release is NOT SUPPORTED.

Release Highlights

New Products & Accessories Now Supported

<i>Issue ID</i>	<i>Description</i>
83809	New Asset Management (AMS2) Connectivity Cable Supported (AMS-CONFIG-CABLE)

New Features & Enhancements

<i>Issue ID</i>	<i>Description</i>
69551	Added MQTT data push support
76147	Added Secure Element support for TLS key management
82915	Added iX Controller Version to Device Information page in GUI
83422	Enhanced PDU Linking support added for Cascaded PDUs

Bug Fixes

<i>Issue ID</i>	<i>Description</i>
82913	Fixed incorrect deassertion hysteresis threshold values
83382	Fixed missing graph issue with Outlet history view
83596	Fixed Gateway Sensor not functioning issue
83907	Fixed communication warnings issue with AMS Asset Management
83943	Fixed inconsistency with network setup between GUI and CLI
84126	Fixed missing timestamp on Reset Energy Counter
84143	Fixed missing threshold validation issue
84779	Fixed outlet LED state issue
84826	Fixed broken links on About Firmware page
85173	Fixed PDView (iOS) App stuck in the loading screen after PDU reboot issue

Security Fixes & Updates

<i>Issue ID</i>	<i>Description</i>
82946	Addressed Use-After-Free flaw (CVE-2023-6039)
83489	Addressed jQuery Vulnerability (CVE-2022-31160)
84044	Addressed ICMP timestamp and replies (CVE-1999-0524)

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