

Xerus Firmware Release Notes



Version: Xerus 4.2.20 / Build 50793 / Release Notes, Version 1

Release Status: Limited Availability (LA)

Date: October 25, 2024

Release Overview

Xerus 4.2.20 Firmware is an **incremental Limited Availability (LA) Release** for select 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	PX2, PX3, PXC, PXO
Access Control	SmartLock™
Sensors	DX2 SmartSensors™
Branch Circuit Monitors	BCM2
Rack Transfer Switch	PX3TS
Smart Rack Controller	SRC
Asset Management	AMS2

General Guidelines for this Release

This release may not support some custom-engineered models. Please check the **Support & Compatibility** section below. Or contact your regional Raritan Support team 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: Do NOT upgrade ANY other Raritan model(s) to Xerus 4.2.20 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 4.2.20, a downgrade from Release 4.2.20 Build 50793 to ANY prior firmware release is NOT SUPPORTED. Please contact your regional Raritan Support team with any questions.

Release Highlights

New Features & Enhancements

<i>Issue ID</i>	<i>Description</i>
84306	SmartLock - Two RFID card authentication support. Two unique cards can be required for authentication to gain physical access to a rack

Bug Fixes

<i>Issue ID</i>	<i>Description</i>
83863	Fixed missing links with JSON-RPC

Security Fixes & Updates

<i>Issue ID</i>	<i>Description</i>
83804	Addressed WPA PEAP authentication bypass vulnerability (CVE-2023-52160)
84054	Addressed RADIUS MD5 collision vulnerability (CVE-2024-3596; Blast-RADIUS)

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

Support & Compatibility with Xerus 4.2.20

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

Please contact your regional Raritan Support team if you are unsure whether this Xerus Firmware release supports your unit/model or have any questions about supported or unsupported configurations.

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 must be followed, or the Xerus-based device may become inoperable and require manual recovery.

<i>If Current Firmware Version Is</i>	<i>Follow These Upgrade Steps</i>
3.0.x, 3.1.x, 3.2.x	» 3.4.0 » 3.5.0 » 4.2.0 » 4.2.20
3.3.x, 3.4.x	» 3.5.0 » 4.2.0 » 4.2.20
3.5.x, 3.6.x	» 4.2.0 » 4.2.20
4.0.x, 4.1.x	» 4.2.0 » 4.2.20
4.2.x	» 4.2.20

Note: Due to an issue found in recently released Xerus 4.0.x firmware updates, we strongly recommend upgrading to 4.2.20 Build 50793. If you need assistance, please contact your regional Raritan Support team.

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 4.2.20 Firmware is a Limited Availability release, and firmware binary files are unavailable for public download through the Raritan support website. If this Xerus Firmware release applies to your specific model(s) and/or use case(s), please contact your regional Raritan Support team at raritan.com/support for assistance. The team will ensure proper compatibility with your specific model(s) and provide applicable firmware files as needed.

Xerus 4.2.20 Package

- “Xerus_ReleaseNotes_4.2.20.pdf” (this file)

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 Raritan Support for further instructions.

Contact Us

Go to raritan.com/support for contact options.