

Vertiv™ PowerIT Upgradeable Rack Power Distribution Unit (PDU) and Vertiv™ PowerIT Rack Transfer Switch (RTS)

Firmware Release Notes

VERSION 7.2.1, JULY 15, 2026

Release Notes Section Outline

1. Overview
2. Features and Enhancements
3. Known Issues and Limitations
4. Notes

1. Overview

Vertiv™ PowerIT firmware 7.2.1 includes new capabilities and sustaining fixes. It is compatible with Vertiv™ PowerIT Upgradeable Rack PDUs and RTS units equipped with Vertiv™ PowerIT Upgradeable IMD-5M models running firmware version 6.3.X or later.

IMPORTANT NOTE: Immediately following system startup, this firmware may update the internal rack PDU and/or RTS components, which can take up to 30 minutes to complete, depending on the device model and prior firmware version. During this time, a *Component Update in Progress* message displays. Please ensure the rack PDU or RTS is not reset or powered off during this process. If the PDU or RTS is powered off during the process, the firmware update must be reinstalled to run the component update again.

2. Features and Enhancements

This release includes the following features and enhancements:

- Multi-Feed (Apex PDU) Support:
 - Added a new Feed object to manage 1–8 power feeds from a single IMD-5M, with each feed exposing per-feed totals (energy, CO2, RCM) and state across the GUI, API, Modbus, SNMP, and Redfish.
 - HMI will only show administrative functions and Alarms in the Multi-Feed unit.
 - Shunt trip is supported through Modbus if applicable.
- Zero Touch Provisioning (ZTP):
 - Factory and factory-reset IMD-5M units can pull a JSON configuration file via DHCP-directed TFTP to bulk-apply system, network, and user settings.
 - Syslog reports successful, unsuccessful, and skipped configuration line counts after a ZTP apply.
- Enhanced Logging:
 - Authentication events log user, source (LDAP, TACACS+, RADIUS, Local), failure reason, and login/logout timestamps.
 - System Configuration Change events log network, NAC, 802.1X, password, SMTP, and sensor connect/disconnect changes.
- HMI Read-Only Mode by Default:
 - On first upgrade to 7.2.0, the local HMI defaults to Read-Only until Read-Write mode is enabled from the web Display page.

- Security and Component Updates:
 - Library updates and RTS 1.14 component firmware bundled with this release.
- RSTP Convergence:
 - Improved Rapid Spanning Tree Protocol (RSTP) convergence on MRIC-RP when connected to managed network switches.
 - Firmware Update Reliability:
 - Resolved an issue where users or network settings could be lost after firmware update.
- Defect Fixes and Reliability Improvements:
 - TACACS+ scoped users are correctly restricted based on remote authentication attributes.
 - Administrator remote-authenticated users are no longer incorrectly scope-restricted.
 - Pinhole full reset issues resolved.

3. Known Issues and Limitations

This release includes the following known issues:

- Network Loop Configuration (RSTP):
 - RSTP convergence may take an extended period depending on switch configuration; use a managed RSTP-capable switch.
- Account Lockout Policy:
 - When Account Lockout Policy is enabled with “Never Lock Administrators” set to True, administrator accounts may still become locked after exceeding the Consecutive Failed Logins Count.
- Firmware Updates:
 - Updating from 6.X to 7.X may require up to 90 seconds; some internal components may need 30 minutes or more to complete updates.

4. Notes

The following notes and limitations apply to this release:

- Multi-Feed is a factory-configured system type; single-feed PDUs cannot be converted in the field.
 - After the first update to 7.2.1, the HMI is set to Read-Only; subsequent mode changes are preserved across updates.
 - Network Access Control is reset when resetting the network or all settings.
- VRC and USB Wi-Fi dongles are no longer supported.