

# Vertiv™ PowerIT Upgradeable Rack Power Distribution Unit and Vertiv™ PowerIT Rack Transfer Switch

## Firmware Release Notes

VERSION 7.1.0, FEBRUARY 25, 2026

### Release Notes Section Outline

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## 1. Overview

This firmware release is compatible with Vertiv™ PowerIT Upgradeable Rack Power Distribution Units (PDUs) and Vertiv™ PowerIT Rack Transfer Switch (RTS) units equipped with 3E, 3E-G, 3E-S, 03E, 03E-G, and 03E-S models of Vertiv™ PowerIT Upgradeable Interchangeable Monitoring Devices (IMDs), which are currently running firmware versions 6.0 and later, and Vertiv™ PowerIT Upgradeable IMD-5M models, which are currently running firmware version 6.0 and later.

**IMPORTANT NOTE: Immediately following system startup, this firmware may update the internal rack PDU and/or switch 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 switch is not reset or powered off during this process. If the PDU or switch 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:

- Security:
  - Several libraries have been updated.
- Modbus over RS485
- Added pre-configured thresholds
- Added additional support for Redfish
- Added support for increased breakers and outlets

## 3. Known Issues and Limitations

This release includes the following known issues:

- When the Account Lockout Policy is enabled and “Never Lock Administrators” is set to True, administrator accounts may still become effectively locked after exceeding the configured Consecutive Failed Logins Count.
- Command Line Interface (CLI):
  - When using the CLI to set values, large numerical inputs are always interpreted as numbers, even if specified as strings. To address this, use the API or web interface.
- Current Rating:
  - Customer-defined current ratings may not reset when they are restored to default.
  - Application Programming Interface (API) and GUI current ratings use different units (mA and A).

- Email:
  - If the time is not set either through NTP or manually, email notification will not be available.
- Firmware Updates:
  - Updating the firmware from version 6.x to 7.x typically requires up to 90 seconds. However, certain internal components may take 30 minutes or more to complete their firmware updates, depending on the specific component.
- Network Loop Configuration:
  - The Vertiv™ PowerIT IMD-5M using the Rapid Spanning Tree Protocol (RSTP) may take an extended period to converge while it computes and spans a new tree. This period may further increase depending on the network configurations applied to the switches. An unmanaged/non-RSTP participating switch should be connected to the Vertiv™ PowerIT IMD-5M node.  
**NOTE: It is recommended to use a managed switch when enabling RSTP.**
- Vertiv™ PowerIT IMD-5M:
  - If the touchscreen is used while the Provisioner is executing a request, the display may temporarily lock up and prevent the Provisioner from completing the operation. To avoid this issue, refrain from touching the touchscreen while the Provisioner is completing a requested operation.
- Vertiv™ Intelligence Director:
  - Vertiv™ Intelligence Director may not reboot all outlets in a group. To troubleshoot this issue, reboot each outlet individually.

#### 4. Notes

The following notes and limitations apply to this release:

- Network Access Control:
  - IPv6 link local cannot be specified as permitted IP addresses.
  - Network Access Control cannot be enabled when no IP addresses are defined.
  - Network Access Control is reset to default values when resetting network settings or when resetting all settings.
- The Vertiv™ VRC is no longer supported.
- USB Wi-Fi dongles are no longer supported.