

Release Notes Connectivity Suite

v3.7.7 | August 19, 2026



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Version Control

Version	Date	Name	Reason	Reviewed
1.0	21. Oct. 2025	Marc Aeberhard	Publish Release 3.7.4	Pascal Mattenberger
1.1	19. Aug. 2026	Marc Aeberhard	Publish Release 3.7.7 (+RN 3.7.5, 3.7.6)	Pascal Mattenberger



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Release 3.7.7

This release incorporates several changes and updates which are depicted as follows.

Release Information

Version 3.7.7

Date: July 29, 2026

Supported:

- **Router models:** <https://wiki.netmodule.com/documentation/overview>
- **Router Software versions:** <https://wiki.netmodule.com/documentation/releases#active-releases>
- **Full details of System Requirements:** <https://connectivity-suite-user-manual.readthedocs.io/en/latest/installation.html#system-requirements>

Important Notes:

- This release upgrades PostgreSQL from version 14 to 18. This is a critical action. We strongly recommend taking a proper snapshot of your system beforehand.
- This update requires that you have installed v3.7.6 preliminary.
- There are known vulnerabilities in the *mongo* and *postgres* docker images for which no fix has been provided as of now.

Improvements

- **Improved Keycloak Attribute Retrieval (CS-4568):** Fixed an issue where certain user attributes could no longer be retrieved from Keycloak, restoring consistent user synchronization and access management.
- **Fixed Child Device Configuration Import (CS-4588):** Resolved an issue where child device configurations were not imported during device registration, ensuring complete configuration setup on onboarding.



- **Updated OpenVPN Server Image (CS-3525):** Updated the OpenVPN server image to include the latest security fixes, strengthening VPN service security.
- **Added PostgreSQL Upgrade Path (CS-3600):** Introduced an upgrade path from PostgreSQL 14 to 18 to facilitate the transition to the latest major PostgreSQL version.
- **Configuration Updates for netmodule.com Shutdown (CS-4519):** Implemented additional configuration adjustments related to the netmodule.com shutdown to ensure continued system stability.
- **Enhanced Device Move Process (CS-4548):** Improved the device move workflow to wait until a device is fully onboarded before completing the move, reducing failures and inconsistencies.
- **API Compatibility with Latest .NET LTS (CS-4556):** Updated the API to support the latest .NET LTS release, improving maintainability and long-term platform compatibility.
- **Replaced Mapping Library for Ongoing Security Fixes (CS-4569):** Replaced the existing mapping library with an actively maintained alternative to ensure continued access to security updates.
- **Updated Third-Party Docker Images (CS-4574):** Updated all third-party Docker images to their latest versions to incorporate current fixes and improvements.
- **Updated API Third-Party Components (CS-4575):** Updated third-party components used by the API to their latest versions, improving security and reliability.
- **Updated UI Third-Party Components (CS-4596):** Updated third-party UI components to their latest versions to enhance security, compatibility, and stability.



Release 3.7.6

This release incorporates several changes and updates which are depicted as follows.

Release Information

Version 3.7.6

Date: February 16, 2026

Supported:

- **Router models:** <https://wiki.netmodule.com/documentation/overview>
- **Router Software versions:**
<https://wiki.netmodule.com/documentation/releases#active-releases>
- **Full details of System Requirements:** <https://connectivity-suite-user-manual.readthedocs.io/en/latest/installation.html#system-requirements>

Improvements

- **Certificate Renewal for Migrated Networks (CS-4557):** Fixed an issue that prevented renewing certificates for migrated networks.
- **Corrected Certificate Statistics for Older Instances (CS-4558):** Fixed incorrect Certificate Statistics for instances created on platform versions earlier than 3.3.
- **Security Update for Third-Party Docker Images (CS-4559):** Updated all third-party Docker images to remediate CVE-2025-15467.



Release 3.7.5

This release incorporates several changes and updates which are depicted as follows.

Release Information

Version 3.7.5

Date: November 18, 2025

Supported:

- **Router models:** <https://wiki.netmodule.com/documentation/overview>
- **Router Software versions:**
<https://wiki.netmodule.com/documentation/releases#active-releases>
- **Full details of System Requirements:** <https://connectivity-suite-user-manual.readthedocs.io/en/latest/installation.html#system-requirements>

Improvements

- **Security Update for Core Service Images (CS-4523):** Updated the API, Web-Proxy, and UI Docker images to remediate CVE-2023-45853.
- **Traefik Upgrade for Docker API v29 Compatibility (CS-4538):** Upgraded Traefik to the latest version to address breaking changes introduced with Docker API v29.
- **Security Update for UI Third-Party Components (CS-4545):** Updated third-party UI components to remediate CVE-2025-58754 and CVE-2025-64756.



Release 3.7.4

This release incorporates several changes and updates which are depicted as follows.

Release Information

Version 3.7.4

Date: October 21, 2025

Supported:

- **Router models:** <https://wiki.netmodule.com/documentation/overview>
- **Router Software versions:**
<https://wiki.netmodule.com/documentation/releases#active-releases>
- **Operating system:** Ubuntu 22.04 LTS/24.04 LTS, Debian 11/12
- **Docker:** Docker (v20+), Docker Compose Plugin (v2+)

Full details of System Requirements: <https://connectivity-suite-user-manual.readthedocs.io/en/latest/installation.html#system-requirements>

Summary

This release brings a range of enhancements, security improvements, and operational adjustments to provide a more robust and efficient experience. Please review the following key updates:

Security Enhancements

- **Enhanced Password Policies (CS-3398):** A more stringent password policy is now enforced when adding new users, changing passwords, or resetting them. This update significantly boosts account security. **All existing users are required to update their passwords** to comply with the new policy. Please consult the user manual [15.6](#) for detailed information.
- **Current Password Verification for Changes (CS-3783):** For increased security, users are now prompted to enter their current password when initiating a password change for their own account.



- **Mandatory Role Assignment for New Users (CS-3865):** To ensure proper access control from the outset, new user accounts are now required to have at least one role assigned upon creation.
- **Brute Force Protection (CS-4480):** Brute force protection is now enforced on all user accounts, significantly increasing security against unauthorized access attempts. Refer to the user manual [15.7](#) for more details.

System Improvements & Optimizations

- **Resolved Duplicate Certificate Issue (CS-4507):** An issue that occasionally led to the generation of certificates with duplicate common names has been resolved, ensuring unique and proper certificate identification.
- **Third-Party Component Upgrades (CS-4494):** All third-party components, including OpenVPN, Traefik, Keycloak, and PostgreSQL, have been upgraded to their latest versions. This update delivers performance enhancements, security improvements, and greater overall system stability.
- **Optimized Module-Firmware Deployment (CS-4497):** The deployment process for Module-Firmware on slower devices has been further optimized, leading to more efficient and reliable updates.
- **Streamlined Support Request Process (CS-4499):** The process for submitting support requests has been updated. Initiating a new support request will now generate an email template for users to complete and send, streamlining communication and ensuring all necessary information is provided.
- **Improved Diagnostic Data Collection (CS-4501):** Output from the command-line tool is now automatically collected and stored within the Connectivity Suite support file. This enhancement significantly aids in the analysis and resolution of installation and update issues.

Important Operational Changes

- **Revised Migration Process (CS-4505):** The direct migration option has been removed from the command-line tool. Beginning with version 3.7.4, migrations will now be a two-step upgrade process. Please refer to the user manual [20.2](#) for detailed instructions on performing these new two-step upgrades.
- **Discontinuation of Ubuntu 20 Support (CS-4513):** Support for Ubuntu 20 has been discontinued. Users are advised to upgrade to a currently supported operating system for continued compatibility and access to the latest features and security updates.

