Release Notes: MultiNode Firmware

Last updated on 13.05.2026

7.16.8.40 - 2026-05-12

- **Network Manager**
  - You can now extend your network by adding additional nodes directly from the Network Manager.
  - Network issues can now be resolved by rebooting all nodes from the Network Manager in two ways: you can configure a scheduled reboot, or enable an automatic reboot upon connection loss with a configurable timer.
  - mDNS forwarding can now be configured in the Network Manager settings.
  - Time zone settings are now synchronized across all nodes.
  - Special firmware packages (OSUPs) can now be installed via the Network Manager to adjust configuration parameters or apply experimental fixes.
- **Web interface**
  - An additional network status table has been added to the network overview. All connection speeds are now reported in the network overview.
  - You can now set preferred parent nodes for managing network topology.
- **Miscellaneous**
  - Traffic shaping is now automatic, adjusting dynamically instead of being fixed at 500 Mbps.
  - SSDP device discovery is now enabled for devices connected behind a network switch.
  - Fixed a bug that caused firmware update to automatically enable automatic hawkBit updates.

7.16.7.35 - 2025-11-13

- **Network Manager**
  - Synchronization of NTP servers, mDNS forwarding, and admin passwords across the network.
  - The network manager firmware update display has been improved with a better progress bar and remaining time shown in minutes.
- **Web interface**
  - The web interface now includes a new indented topology view with tree structure alongside the table view. Ancestor paths to root are shown as tooltips
  - An alert center has been introduced to replace individual warning banners throughout the interface.
  - You can now edit device names in both table and topology views.
  - Offline nodes are now displayed in both views with the option to remove them.
  - Node and offline node counts are displayed in the overview.

    - Network configuration is now included in the setup wizard.
- **Miscellaneous**
    - Default channel mapping has been changed to MIMO L1/N.
    - Support for mDNS packet forwarding has been added (disabled by default).
    - SSDP support added for device discovery on Windows.
    - Various bug fixes and improvements.

7.16.6.33 - 2025-07-03

- **Firmware update**
    - Interface for network-wide firmware update has been redesigned to be more intuitive.
    - Firmware updates can be scheduled to be carried out on specific weekdays in addition to a configured update window available since the last release.
    - You can now opt out of firmware updates via devolo update server; our recommendation is to keep this turned on.
    - Detailed firmware release notes are available via a direct link in the web interface.
- **Automatic seed selection**
    - An available seed is automatically selected for you when you create a new network using the setup wizard.
    - When adding a node to an existing network, a scan lists existing networks. Simply select a network and enter its password to join it.
- **Web interface**
    - The network overview table has been improved to support pagination and sortable columns.
    - You can now reset network settings of all nodes to factory defaults in one step, making it easier to add new nodes.
- **Miscellaneous**
    - Time server settings can now be configured via the DHCP server. If no time servers are configured via the DHCP server, the default time servers are used.
    - devolo now collects basic usage data (for example, node count and transmission speeds) to help improve MultiNode devices.

7.16.5.31 - 2025-03-03

- **Firmware updates via hawkBit**
    - Firmware can now be downloaded from the hawkBit update server (requires internet access). Once downloaded, firmware can be distributed and activated automatically to

keep your network up to date. By default, distribution and activation remain manual, but you can configure an update time window for automatic processes.

- **Setup factory-default devices**
  - For networks with one or more factory-default devices, the newly added setup wizard can simplify the creation of new networks or the extension of existing ones.
- **Web interface**
  - The firmware update page and security pages have been redesigned for improved usability and easier navigation.
  - The web interface now supports multiple sessions, allowing users to stay logged in without needing to re-authenticate frequently.
- **Miscellaneous**
  - Added support for ECC cryptographic keys, enhancing performance and security.
  - Improved and simplified text across several pages for better clarity and user experience.

7.16.4.29 - 2024-11-27

- **Network Manager**
  - Update the firmware across your entire MultiNode network via the web interface of the master node.
  - When new nodes are added to the network, the network administrator can approve these nodes to receive the admin password from the master node's web interface. You can also set up auto-approvals so that new nodes with matching network credentials but factory default admin passwords automatically receive the admin password from the master node.
- **Duplicate master node prevention**
  - Duplicate master node detection is now configurable to repeat on reboots, and the detection time has been drastically reduced to a few seconds.
- **Enhanced security**
  - Users can now upload their own certificates for TLS communication with the device. Each device generates its own certificate using the default node name as the ID, enhancing network security.
  - Various general improvements and bug fixes have been made to strengthen security.
- **Web interface**
  - Reworked the network overview table to be clearer.
  - Simplified the interface by combining warning banners and making node-specific and network-wide operations easier to distinguish.
- **Miscellaneous**
  - Fixed a bug that caused changes to the names of regular nodes to not persist reliably.

7.16.3.27 - 2024-08-15

- **Network Manager**
  - Easily manage network credentials, admin passwords, and web interface passwords across all nodes in the MultiNode network using the Network Manager on web interface. The Network Manager is available only on the master node's web interface.
- **Duplicate master node prevention**
  - Automatically detect if a master node with the same network credentials exists before assigning another master node, ensuring a smooth setup.
  - If you are upgrading from an earlier firmware, see migration guide for 7.16.3.27.
- **Update default hostname**
  - The hostname and device name are now **devolo-XXXXX** (XXXXX are the last five digits of the serial number), replacing the previous **devolo-XXX** format.
- **Enhanced security**
  - Switched to TLS for the web interface for stronger security.
  - Display prominent warnings about security risks.
  - Enforced policies for secure passwords, network names, and node names:
    - MultiNode network name: 1-32 characters • only printable characters allowed
    - MultiNode network password: 8-12 characters • only printable characters allowed
    - Node name: 1-16 characters • no restrictions
    - Admin password: Min. 1 character • no restrictions
    - Web interface password: Min. 1 character • no restrictions
- **Web interface**
  - Minor improvements to the web interface.
  - Improved the network overview table.

7.16.2.25 - 2024-03-21

Note: This firmware version is provided for you to test the firmware update feature on your current network. After testing, please **update the firmware**.

Migration Guide

Updating to 7.16.3.27 - 2024-08-15 or later

Before updating to 7.16.3.27 or later, if you have used the web interface to set the role of the master node then the duplicate master node detection will be **turned on** after the firmware update. If nearby master nodes have the same network name, password, and seed, your intended master node might **stay a regular node instead of becoming a master.**

To resolve this issue, modify one of the networks to use a different MultiNode network seed before rebooting your intended master node. The intended master node will now take on the role of the master node after a 30s detection period.