

About the firmware version 2.42 update

Last Modified: June 9th, 2017

Summary

This release of the PDU firmware adds **gateway features to the web interface** and **SNMP version 3**. It also fixes some issues and is advised for all users of the hybrid range of PDUs and DPM3. See the *What's included* section for the full list of changes.

Important warning:

When updating to firmware version 2.42 from a lower version than 2.40, please check all intermediate release notes for important warnings and known issues!

What's included in 2.42 (changes since 2.40)?

New features:

- Added gateway features to the web interface while in bridge mode.
- Added support for multiple screen sizes (large-medium-small) in the web interface.
- Added support for SNMPv3.
- Added an option to reset all alerts on the data bus.
- Added an option to configure the Ethernet Link Speed and Duplex Mode.

Other changes and fixes:

- Fixed an issue causing ethernet connection problems in hybrid mode.
- Fixed an issue causing artifacts on the LCD display.
- Fixed an issue causing 'watchdog reset' alerts while interfacing in bridge mode .
- Updated the MIB file. The Deci prefix has been renamed to Centi.
- Fixed an issue causing the firmware update to fail when the data bus ring is closed.
- Fixed a malfunction in the 'initialise zero address to sequence' feature.

Known issues:

- Updating to 2.42 can fail when the data bus ring is closed. This can be resolved by performing the firmware update twice.
- Although bridge mode handles up to 250 daisy-chained devices, for best user experience, limit this number to about 30 (it takes 2s per device to fetch its data).
- Especially when in bridge mode, keep in mind that using multiple interfaces (snmp, Modbus, API) and web browsers simultaneously will reduce throughput. For maximum performance, use one connection at a time.
- When viewing bridged units in the web interface, some features might not work as expected, if the remote unit's SPDM version is below 2.42.
- Minor esthetic and usability issues will be further improved in release 2.44.

Installing this firmware

Use the supplied firmware updater tool by following the instructions in the *Firmware updater tool manual*.

Notes: Uploading 2.xx bin files in the Gateway's web interface is not possible!
While updating or restarting the devices, power distribution will not be interrupted!