

BlueNet BN PRO Software Release Notes

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Further information can be found at: <https://www.bachmann.com/en/downloads/bluenet-pdus/>

Release Note V1.3.1

15.08.2025

Supported BlueNet devices:

BN PRO Metered, BN PRO SecureSwitching+; BN Gen2 PDUs (all models)

Information:

This SW release is completely validated to cover the existing functionality of the former release V1.2.4 and can be installed as an update to all former BlueNet BN Gen2 / BN PRO software releases. It is recommended to create a backup before performing the update.

New Features:

- PDU cluster functionality via CLI and web
- MCB current measurements

Enhancements:

- Improved robustness of the web certificate
 - fix of known bug in v1.2.4
- `cli do reboot` now requires a confirmation
- Adjust color of leds from orange to yellow
- Add sorting function for Event logs in web-frontend
- Network and DNS settings (IPv4, subnet prefix)
- Offline status for the external sensors after a FW-update
- GUI stability at startup

Known Bugs:

- RCM connection occasionally lost after update/restart
 - Workaround: Restart PDU

Deliverables (to be downloaded from www.bachmann.com):

- BlueNet Gen2 BN3000 SW Update package
- SNMP MIBs
- Mounting and installation instructions
- this Release Note

Release Note V1.2.4 / REV01

31.07.2025

Supported BlueNet devices:

BN PRO Metered, BN3000 Gen2, BN3500 Gen2 SecureSwitching

Information:

This SW release is completely validated to cover the existing functionality of the former release V1.1.1 and can be installed as an update to all former BlueNet Gen2 BN3000 SW releases. It is recommended to create a backup before performing the update.

New Features:

- Cronjob can be configured
- Network settings on web frontend with updated design
- External sensor added to SNMP and Modbus TCP
- Local gui: external sensor support
- Local gui: RCM and RCM selftest support

Enhancements:

- Bugfixes and improved performance
- user access rights correction when using ssh keys
- Switch from timesyncd to chrony as ntp client (and server)
- Changed behavior when setting the time
- Users with appropriate rights can create trap receivers, not just the admin
- PDU Chassi downward compatible with controller
- Known bug v1.1.1 fixed

Known Bugs:

- Mismatched SSL certificates and keys can result in a blocked PDU.

Deliverables (to be downloaded from www.bachmann.com):

- BlueNet Gen2 BN3000 SW Update package
- SNMP MIBs
- Mounting and installation instructions
- this Release Note

Release Note V1.1.1

01.02.2025

Supported BlueNet devices:

BN PRO Metered, BN3000 Gen2, BN3500 Gen2 SecureSwitching

Information:

This SW release is completely validated to cover the existing functionality of the former release V1.0.3 and can be installed as an update to all former BlueNet Gen2 BN3000 SW releases. It is recommended to create a backup before performing the update.

New Features:

- LDAP
- For 3-phase PDUs, the peak current of the phases can be reset from the Local GUI
- Support for external temperature sensor
- SD cards and USB sticks are mounted automatically
- SSH Keys over Web and CLI
- Signal chains no longer need to be activated manually

Enhancements:

- Bugfixes and improved performance

Known Bugs:

- Settings are not saved (fixed after the second reboot)

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- Mounting and installation instructions
- this Release Note