Blu≡Net

BACH MANN

BlueNet
BN3000 / BN3500
BN5000 / BN7000 / BN7500
and
Power Unit 2

Software Release Notes

Release Note V2.01.02

Release date:
7/31/2018

Supported BlueNet devices:
BN3000, BN3500, BN5000, BN7000 and BN7500 Master PDUs
BN3000, BN3500, BN7000 and BN7500 Slave PDUs
PowerUnit 2

Information:

This SW release covers the existing functionality of the former release V2.01.01 and can be installed as an update to BlueNet BN3000-BN7500 SW release V2.00.04 or V2.01.00/V2.01.01.
Due to the encrypted update package of this version it is not possible to install this update directly from the older releases up to V2.00.03. The update is only possible from V2.00.04 or V2.01.00/V2.01.01.

New Features:

- none

Enhancements:

- fix for 1-phase Master PDUs only

Known Bugs:

- Network configuration may take a while until it is presented in the WEB or CLI

Release Note V2.01.01

Release date:
6/19/2018

Supported BlueNet devices:
BN3000, BN3500, BN5000, BN7000 and BN7500 Master PDUs
BN3000, BN3500, BN7000 and BN7500 Slave PDUs
PowerUnit 2

Information:

This SW release covers the existing functionality of the former release V2.01.00 and can be installed as an update to BlueNet BN3000-BN7500 SW release V2.00.04 or V2.01.00.
Due to the encrypted update package of this version it is not possible to install this update directly from the older releases up to V2.00.03. The update is only possible from V2.00.04 or V2.01.00.

New Features:

- none

Enhancements:

- fixing an update problem for item number 802.7518 only

Known Bugs:

- Network configuration may take a while until it is presented in the WEB or CLI

Release Note V2.01.00

Release date:
3/29/2018

Supported BlueNet devices:
BN3000, BN3500, BN5000, BN7000 and BN7500 Master PDUs
BN3000, BN3500, BN7000 and BN7500 Slave PDUs
PowerUnit 2

Information:

This SW release is validated to cover the existing functionality of the former release V2.00.04 and can be installed as an update to BlueNet BN3000-BN7500 SW release V2.00.04.
Due to the encrypted update package of this version it is not possible to install this update directly from the older releases up to V2.00.03. The update is only possible from V2.00.04.

New Features:

- RCM Peak and Added Up values
- Dynamic calculation of RCM thresholds dependent on the current load
- Simplified numbering of unique elements in the tree
- Encrypted and signed update tar-files
- Signed backup files
- Enhanced Modbus TCP protocol for PowerUnit 2
- Updated Linux Kernel V4.4
- Security improvements
- Factory reset can be triggered via the local display
- Updated WEB-GUI design

Enhancements:

- CommandLine Interface improvements
  (SMTP configuration, show capabilities, colored output)
- SNMP improvements
  (GPIO support, Peak value and custom energy reset, more slave PDU details)
- Reactive Power is shown unsigned

Known Bugs:

- Network configuration may take a while until it is presented in the WEB or CLI

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

- BlueNet BN3000-BN7500 SW Update package
- SNMP MIBs
- Operating Manual and Mounting and installation instructions
- this Release Note

Release Note V2.00.04-2

Release date:
8/29/2017

Supported BlueNet devices:
BN5000
802.5000

Information:

This SW release is created to cover the existing functionality of the former release V2.00.04 and must only be used for the production of a 802.5000. It is not intended to be used as an update image for other PDUs.

New Features:

- none

Enhancements:

- fix for 802.5000

Known Bugs:

- Network configuration may take a while until it is presented in the WEB or CLI

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

- BlueNet BN3000-BN7500 SW Update package (delivered to BWG only, not available on www.bachmann.com)
- SNMP MIBs (as for V2.00.04)
- Operating Manual and Mounting and installation instructions (as for V2.00.04)
- this Release Note (not available on www.bachmann.com)

Release Note V2.00.04

Release date:
6/21/2017

Supported BlueNet devices:
BN3000, BN3500, BN5000, BN7000 and BN7500 Master PDUs
BN3000, BN3500, BN7000 and BN7500 Slave PDUs
PowerUnit 2

Information:

This SW release is validated to cover the existing functionality of the former release V2.00.03 and can be installed as an update to all former BlueNet BN3000-BN7500 SW releases.

New Features:

- none

Enhancements:

- fix for 3-phase Slave PDU calibration
- fixes for GPIO-module

Known Bugs:

- Network configuration may take a while until it is presented in the WEB or CLI

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

- BlueNet BN3000-BN7500 SW Update package
- SNMP MIBs
- Operating Manual and Mounting and installation instructions
- this Release Note

Release Note V2.00.03

Release date:
6/2/2017

Supported BlueNet devices:
BN3000, BN3500, BN5000, BN7000 and BN7500 Master PDUs
BN3000, BN3500, BN7000 and BN7500 Slave PDUs
PowerUnit 2

Information:

This SW release is completely validated to cover the existing functionality of the former release V2.00.02 and can be installed as an update to all former BlueNet BN3000-BN7500 SW releases.

New Features:

- Support of PowerUnit 2 3HE variants with fuses and RCM

Enhancements:

- SNMP MIB is updated

Known Bugs:

- Network configuration may take a while until it is presented in the WEB or CLI

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

- BlueNet BN3000-BN7500 SW Update package
- SNMP MIBs
- Operating Manual and Mounting and installation instructions
- this Release Note

Release Note V2.00.02

Release date:
5/3/2017

Supported BlueNet devices:
BN3000, BN3500, BN5000, BN7000 and BN7500 Master PDUs
BN3000, BN3500, BN7000 and BN7500 Slave PDUs
PowerUnit 2 (2HE)

Information:

This SW release is completely validated to cover the existing functionality of the former release V1.02.04 and can be installed as an update to all former BlueNet BN3000-BN7500 SW releases.

New Features:

- Configuration import to PDUs of same item number
- Support of the GPIO module (Master PDU/PU2 only)
- Alarm signalling via GPIO module
- FactoryReset via display menu (Master and Slave)
- Improved RCM alarming in the display
- Removal of fix RCM thresholds
- Local user authentication prior to LDAP authentication
- Support of 11 Slave PDUs per Master PDU
- SSH security improvements

Enhancements:

- SNMP MIB is updated

Known Bugs:

- For 3-phase Slave PDUs the Inlet type is shown as '3PDELTA' instead of '4PWYE' as it is shown for Master PDUs
- Network configuration may take a while until it is presented in the WEB or CLI

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

- BlueNet BN3000-BN7500 SW Update package
- SNMP MIBs
- Operating Manual and Mounting and installation instructions
- this Release Note