Release Notes for Netman 208C
APP Version 2.8
(October 2026)

Brief

It is always recommended to upgrade to the latest available version of the firmware.
*This update **APP 2.8** is related to the SYS 2.0 firmware: in case of different versions please upload the SYS 2.0 firmware, otherwise unexpected behavior may happen*.

List of new features and changes

New features:

- Modbus TLS (secure version of Modbus TCP) (→ see ***Modbus TLS - Instructions.pdf***)
- Check remote Host/Port from web page
- Web email configuration: added delay before sending web mail

Important changes:

- General web pages labels and texts improved
- PRTK CODE menu improved (in web)
- Cloud Service timing optimization

Major fixes:

- DATALOG function restored
- Added compatibility to BATTERY CURRENT calculation for newer UPS models
- *Restore Network* operation (from *Recovery*) no longer overrides SSH settings

Minor fixes:

- Web email configuration: web page section improved
- Minor fix for wrong behavior during first loading web pages
- Changed web session auto-logout internal logic
- Some internal alarm notifications delayed
- Improved accuracy of the OUTPUT POWERED flag for SENTR devices

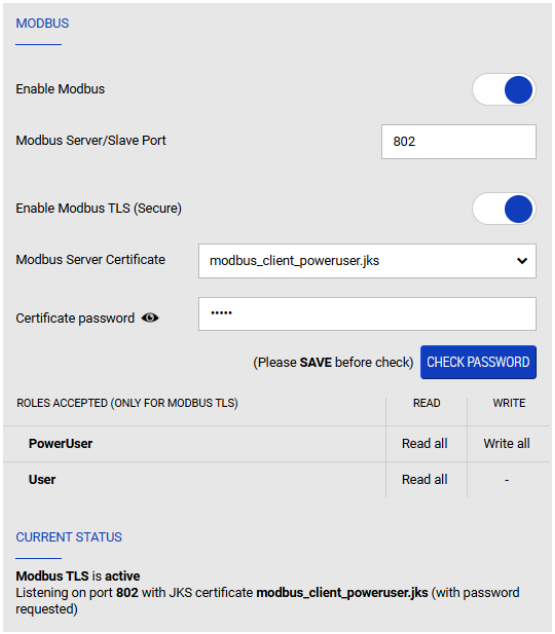
	**Risks for not updating to APP 2.8:** - some functionalities of the Netman may not work as expected

New features

Modbus TLS

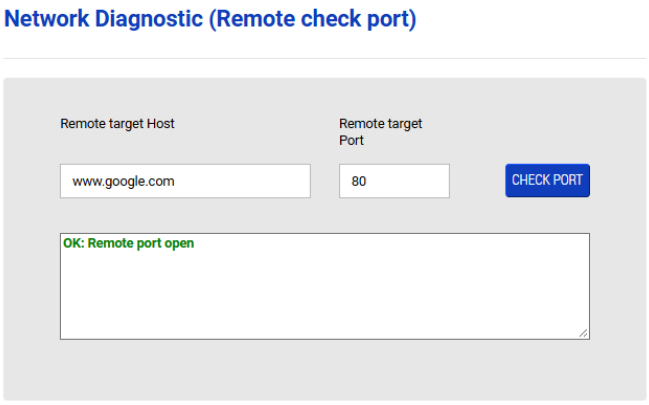
A secure version of Modbus TCP.
The new Modbus TLS secure version allows authentication and encryption of the modbus communication.
It is strongly certificate and role based ("PowerUser" or "User").

See ***Modbus TLS - Instructions.pdf*** for more details and how to.



Check remote Host/Port

The new operation allows users to check if a remote port is open on a remote host server/computer.



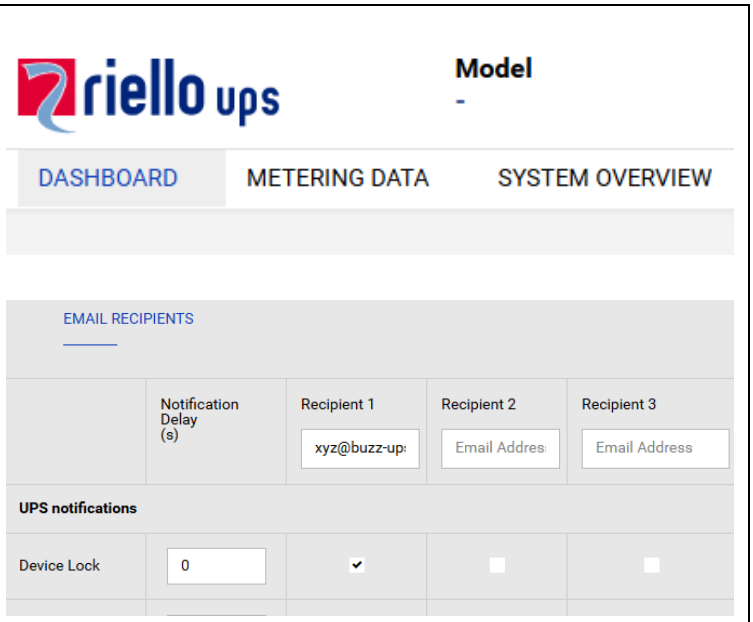
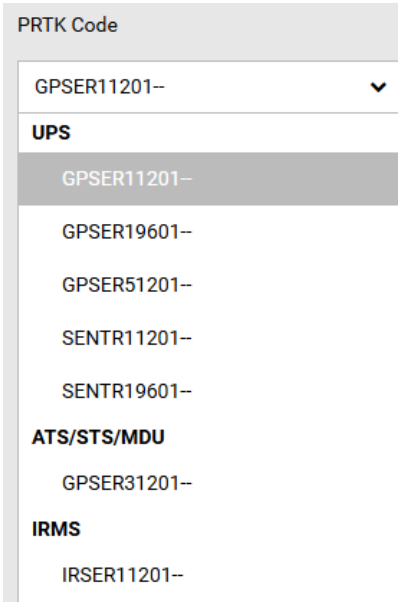
Email delay before sending

The new feature allows to delay some email notifications.

How it works:
If the event lasts longer than the delay set, you will be notified via email, otherwise no email will be sent.



Important changes

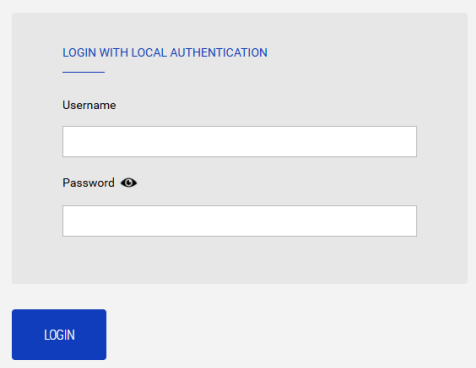
Web page labels and texts improved Some texts, labels and descriptions are changed for a better comprehension of the page contents.	
PRTK CODE menu renewal (in web) More clear selection for PRTK code.	

Update instructions

Before the update, check current version of firmware

Before the installation, please check the current version in the Netman:

- **Login** via web to the Netman (Normal Mode) with current access



- click to "**SYSTEM OVERVIEW**"
- check for "**Application version**" older than **APP 2.8**
- check for "**System version**": if different from **SYS 2.0** please consider uploading to SYS 2.0 (please refer to Manufacturer web site for the firmware)

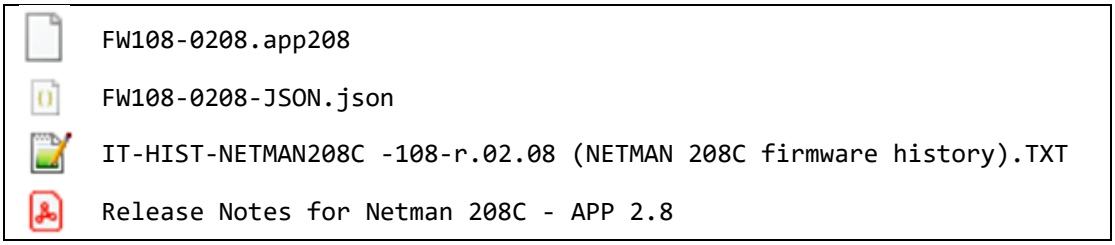
	WARNING: uploading a new SYS firmware will reset only the "admin" password already set; the rest of configuration is kept and retained as it is.

- example of older versions detected:



Download and unpack the firmware

- from the manufacturer web site the firmware can be found in the file "**FW108-0208 (FW B0439 Netman 208C - APP).zip**"
- unzip it and inside the extracted find the content:



- extract the firmware file "**FW108-0208.app208**"
- if requested, for firmware verification, extract and upload the file "**FW108-0208-JSON.json**"

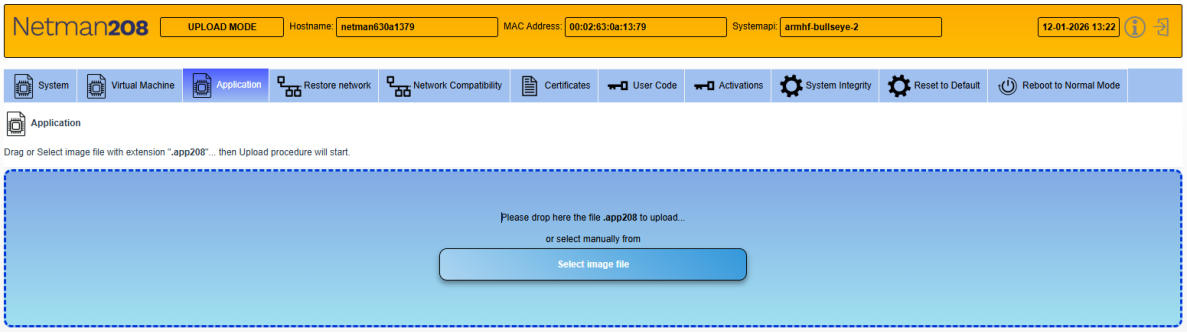
Access to UPLOAD MODE

- **Login** via web to the Netman
- click to "**ADMINISTRATION**" menu
- click to "**Firmware upgrade**" menu
- click to "**REBOOT FOR UPLOAD A FIRMWARE**" button and confirm "**YES**"



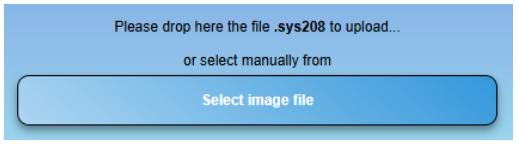
- Wait for the Netman rebooting in UPLOAD MODE

Upload firmware from UPLOAD MODE:



- from UPLOAD MODE, if needed, upload a new SYS update if older than SYS **2.0**
  - a new SYS firmware must be uploaded before the APP firmware
  - !!! uploading a new SYS will reset all the configuration set by the user
  - please refer to Manufacturer web site for the firmware

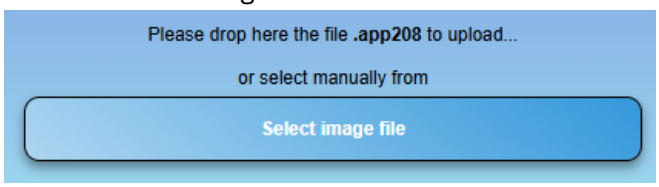


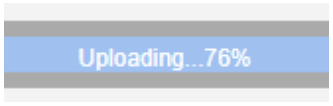


- for uploading the new **APP 2.8** firmware click to "Application"



- then proceed to upload the the new firmware APP with a dropping action or with a click to the button "Select image file":



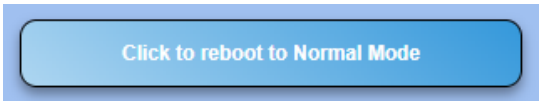


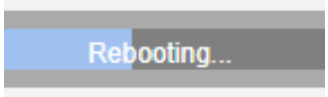
- for the upload process details please read the *User Manual* of the Netman 208C

After the firmware upload, reboot to Normal Mode

- from UPLOAD MODE, click to "Reboot to Normal Mode" menu



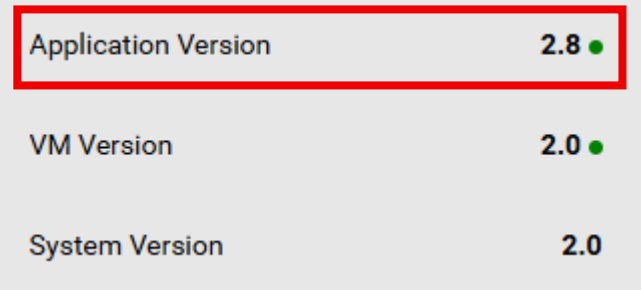




- wait for the reboot to Normal Mode

Verification of the new firmware uploaded

- **Login** via web to the Netman with "**admin**" user and the **password previously set** before the update; in the password has never been set or the Netman has been reset to default, the default password for the "admin" access login is "**admin**"
- click to "**SYSTEM OVERVIEW**"
- check for expected "**Application version**" equal to APP **2.8**
- if updated, check the "**System version**" equal to SYS **2.0**



- if SYS is updated with new SYS 2.0, please login with "**admin**" / "**admin**" default access again and then set the password at first login; all the other parameters of the configuration and secrets are kept and retained and not lost