

Release Notes for Netman 208C

APP Version 2.7

(August 2026)

Brief

It is always recommended to upgrade to the latest available version of the firmware.

*This update **APP 2.7** 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

Vulnerabilities:

- **CVE-2026-31431** / "CopyFail" / Privilege Escalation
- **Impact:** local user can escalate privileges as root user
- **Action applied:** MITIGATION

- **Internal Java Updates with CVE fixed**
- **CVE:** CVE-2022-45047, CVE-2024-52046, CVE-2021-26291, CVE-2026-24400 (+34 more)
- **Action applied:** FIX

Major fixes:

- SNMP / Added Command Mode support for SNMP with some devices
- Cloud service now supports sensor data
- Cloud service now has optimized realm
- Cloud service didn't communicate correctly with T/M UPS
- Web / Secure UDP Option String added
- BACnet / Fix humidity reading values

Minor fixes:

- Web / Internal fix for password recovery mechanism
- Logs / Internal fix for excessive COMM LOST messages in logs



Risks for not updating to APP 2.7:

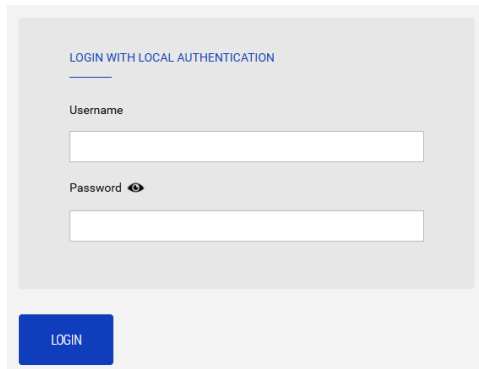
- attackers can use the known opened vulnerabilities to alter the Netman 208C normal behavior

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 2.7**
- 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:

Application version	2.1 ●
VM version	2.0 ●
System version	2.0

Download and unpack the firmware

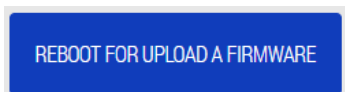
- from the manufacturer web site the firmware can be found in the file “**FW108-0207 (FW B0439 Netman 208C - APP).zip**”
- unzip it and inside the extracted find the content:

	FW108-0207.app208
	FW108-0207-JSON.json
	IT-HIST-NETMAN208C -108-r.02.07 (NETMAN 208C firmware history).TXT
	Release Notes for Netman 208C - APP 2.7

- extract the firmware file “**FW108-0207.app208**”
- if requested, for firmware verification, extract and upload the file “**FW108-0207-JSON.json**”

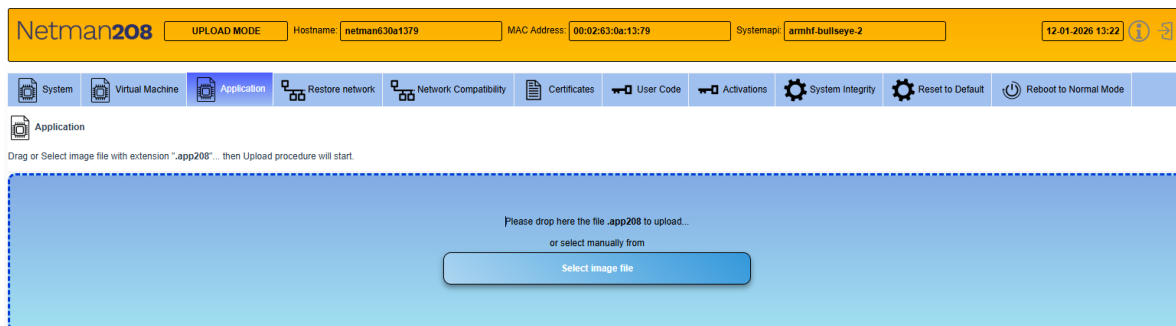
Access to **UPLOAD MODE**

- **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**

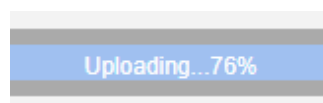
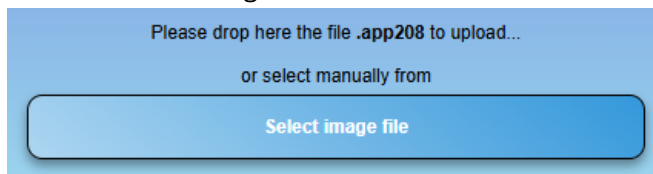
- o a new **SYS** firmware must be uploaded before the **APP** firmware
- o !!! uploading a new **SYS** will reset all the configuration set by the user
- o please refer to Manufacturer web site for the firmware



- for uploading the new **APP 2.7** firmware click to “**Application**”



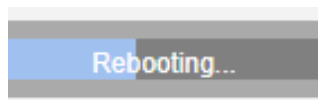
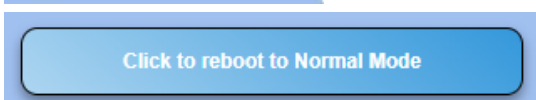
- then proceed to upload the the new firmware **APP** with a dropping action or with a click to the button “**Select image file**”:



- 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 **2.7**
- if updated, check the “**System version**” equal to SYS **2.0**

Application version	2.7 ●
VM version	2.0 ●
System version	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