

# Release Notes for Netman 208

## APP Version 1.8

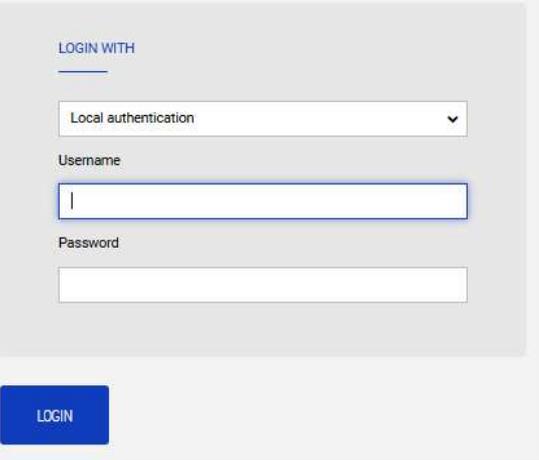
### (February 2025)

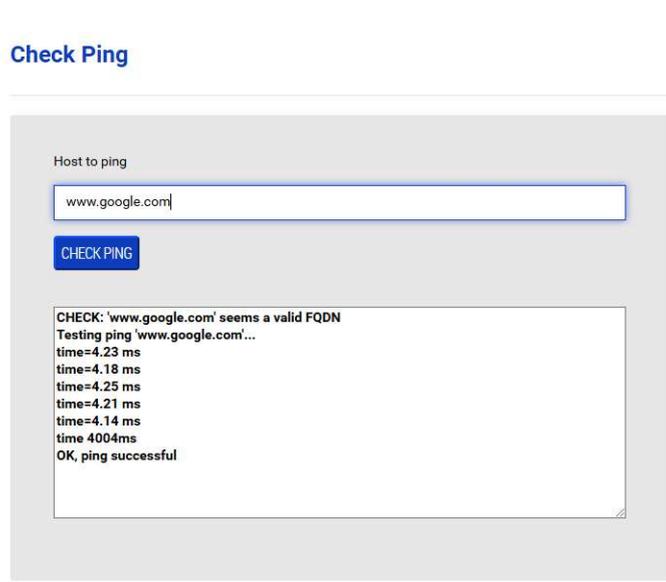
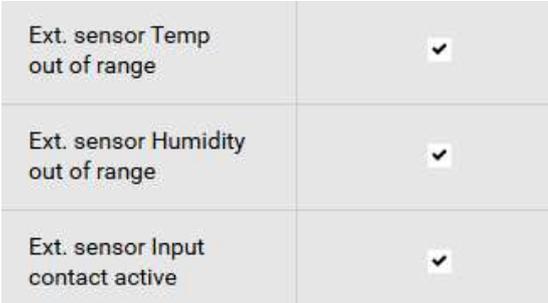
#### Brief

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

*This update APP 1.8 is strongly related to the SYS 1.4 firmware: in case of previous versions please update to the SYS 1.4 firmware.*

#### Brief list of New Features and changes

<b>GPSEr and MODBUS protocol improvement</b>	Added support to D/D and D/O GPSEr commands Improved MODBUS protocol with values from D/D and D/O Fix MODBUS value OUTPUT POWER VA for GPSEr Fix mac address for S/A command
<b>Login operation strengthened</b>  Login web form improved for more checks during input of user and password data.	

<p><b>Password Reset page improved</b></p> <p>Small fixes and improvements.</p>	 <p>The screenshot shows a 'Password Reset' page with an 'INSTRUCTION' section. It asks the user to send a request to the service via email and wait for a reset code. A blue button labeled 'COPY REQUEST TO CLIPBOARD' is visible. Below the text is a code block containing a long alphanumeric string.</p>						
<p><b>Connectivity / Ping</b></p> <p>Added the <b>PING</b> operation, useful for testing the reachability of servers in the network by their IP address and hostname.</p>	 <p>The screenshot shows a 'Check Ping' page. It has a text input field containing 'www.google.com' and a blue 'CHECK PING' button. Below the button, the results of the ping test are displayed, including the FQDN check, testing progress, and response times (4.23 ms, 4.18 ms, 4.25 ms, 4.21 ms, 4.14 ms, 4004ms), ending with 'OK, ping successful'.</p>						
<p><b>JSON / Custom license</b></p> <p>When a User upload a custom license in JSON page the state is visible with a message.</p>	 <p>Two screenshots of the license upload interface. The first shows the 'License file' field with the text 'No license (default)'. The second shows the same field with a green message: 'OK: Custom license file uploaded'.</p>						
<p><b>Email / Sensor events sent as email notifications by flag</b></p> <p>Flags regarding the sensor events now are added as flag in the Email configuration section: the user can configure email recipients to receiving those selected events.</p>	 <p>The screenshot shows a table for configuring email notifications. It has three rows, each with a sensor event name and a checkbox that is checked.</p> <table border="1"> <tr> <td>Ext. sensor Temp out of range</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Ext. sensor Humidity out of range</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Ext. sensor Input contact active</td> <td><input checked="" type="checkbox"/></td> </tr> </table>	Ext. sensor Temp out of range	<input checked="" type="checkbox"/>	Ext. sensor Humidity out of range	<input checked="" type="checkbox"/>	Ext. sensor Input contact active	<input checked="" type="checkbox"/>
Ext. sensor Temp out of range	<input checked="" type="checkbox"/>						
Ext. sensor Humidity out of range	<input checked="" type="checkbox"/>						
Ext. sensor Input contact active	<input checked="" type="checkbox"/>						
<p><b>Sensors / Out of range visualization</b></p> <p>Temperature and Humidity values now are show with <b>red color</b> when out of range (&lt;low, &gt;high).</p>	 <p>The screenshot shows a sensor visualization for 'SENSOR 1'. It displays two data points: '26.5°C' with a red thermometer icon and '76%RH' with a red water drop icon. Below each value is a 'CLOSE' button with a red icon.</p>						

<p><b>View multi-certificates</b></p> <p>Certificates .PEM uploaded from the User now can be read as a certificate chain when found.</p>	<p style="text-align: center;">ca_netman_cert.pem</p> <hr/> <p>Certificate file: 'ca_netman_cert.pem'</p> <p>CERTIFICATE data: found (3 certs) (OK)</p> <p>PRIVATE KEY data: missing or incomplete</p> <p>Certificate: Issuer: [REDACTED] Subject: [REDACTED] Valid from: [REDACTED] Valid to: [REDACTED]</p> <p>Certificate: Issuer: [REDACTED] Subject: [REDACTED] Valid from: [REDACTED] Valid to: [REDACTED]</p> <p>Certificate: Issuer: [REDACTED] Subject: [REDACTED] Valid from: [REDACTED] Valid to: [REDACTED]</p>
<p><b>Login failed / Fix for past-future problem</b></p> <p>Login process now prevents a problem when login failed happens in certain situations of wrong date/time with/without NTP servers.</p>	<p>Problem fixed.</p>
<p><b>Login / Sending email notification after too many logins failed retries</b></p> <p>Now a special flag in the Email configuration has been added as <b>“Security alerts”</b>. This new event covers the case when a user try to login with wrong passwords too many times and all email recipients with flag <b>“Security alerts”</b> enabled receives a notification via email.</p>	<p>Email configuration:</p> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;"> <p>Security alerts <input checked="" type="checkbox"/></p> </div> <p>Netman 'netmannessuno' - Security alert - Login locked</p> <hr/> <p>2025-02-21 09:32:44 UTC User LOCAL/[REDACTED] (locked) tried to login again</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p>Device model: SEP 1000</p> <p>Serial number: [REDACTED]</p> <p>IP address: [REDACTED]</p> <p>Hostname: netmannessuno</p> <p>System name: NetmanNessuno</p> <p>System location:</p> <p>Contact name:</p> </div>

More improvements:

- LDAP Web page configuration optimized and fixed for some wrong behaviour (UI)
- Other small Web/UI improvements in other configuration pages