

TOPIC
SATEL NETCO NMS CE, v1.5.1
Date: 30.09.2024
<input type="checkbox"/> HW <input type="checkbox"/> FW <input checked="" type="checkbox"/> SW <input type="checkbox"/> New product <input type="checkbox"/> Other:

APPLIES TO	
SATEL NETCO NMS CE software applies to the following products:	
PRODUCTS	REMARKS
SATEL-EASy+ SATEL-EASy Pro+ SATELLINE-3AS VHF	
Supported SATEL products with NETCO SW family: https://www.satel.com/products/software/software-product-compatibility-table/	
The software supports configuration of the Routing Setup and NMS Routing Setup -modes for SATEL-EASy+ product family (and legacy SATELLINE-3AS NMS products for NMS Routing) and configuration of the XPRS radio family.	
Note! SATELLINE-3AS NMS product family FW version 4.0.14.1 and later supported	

CHANGES	
Software changes from SATEL NETCO NMS CE v.1.0.6 to v.1.5.1	
New features	<ul style="list-style-type: none">a) Support for SATEL-EASy Pro+ to .saxd file conversion.b) Checkboxes in Monitoring Liveview to specify what values are to be displayed.c) Reorganize Grafana dashboard: remove unused panels and add panels for Last RSSI and Noise Level.d) Add new setting "Release version" 1.2589 to SATEL-EASy+ , SATEL-EASy Pro+.e) Events logs:<ul style="list-style-type: none">- Events log is written to files and user can export them by running LocalGetEventsLog.ps1 script.- Export events log in csv format.f) Design Map view:<ul style="list-style-type: none">- New options "Enable Monitoring" and "Disable Monitoring" in a node context menu. It Enables/Disables monitoring for all settings of the node.- Monitoring specification dialog: The button "Set to similar" replaced by "Apply to.." button, which opens a dialog where user can select to which nodes the monitoring configuration will be applied.g) Design Reports tab view:<ul style="list-style-type: none">- Action buttons were replaced by dropdown selector.

	<ul style="list-style-type: none">- New reports were added: "Monitoring List" and "Monitoring Specification". "Monitoring list" displays all monitoring objects in polling order. "Monitoring Specification" displays monitoring parameters (status, alarm thresholds, etc) for all monitorable settings in the network.h) Support for SATEL-EASy+(TR300).i) Design page:<ul style="list-style-type: none">- New templates for networks of SATEL-EASy+(300MHz) and SATEL-EASy+(300MHz/3AS NMS).- Update SATEL-EASy+(400MHz) network templates. Name was changed and deprecated settings re-moved.j) Monitoring of Last RSSI and Noise Level.k) Use port 2080 instead of 80 in Windows.
Enhancement	<ul style="list-style-type: none">a) Allow polling min intervals to be less than 1000ms. Limit it anyway to 50ms.b) Improvements to the User Management page.c) In MSPE, the high limits for Voltage alarms have been modified as follows: The warning limit is now set to 27V (previously 20V), and the error limit is now set to 29V (previously 25V). These updated values are suitable for most SCADA cases.d) Remind the user to run Assist after importing a SAXD file. An orange-colored message will appear in the Notification panel.e) Events log enhancements:<ul style="list-style-type: none">- Event logs are displayed for selected networks only.- "Clear" button to clean the log panel.- Display node name or network name (if anycast) in error event logs.- Display a message "Nothing to monitor" to the events log if all monitoring settings were disabled.- Add text "anycast" to events log if the value was fetched with anycast request.f) Design page:<ul style="list-style-type: none">- Rename the button text "Notify MS" to "Update Monitoring".- Rename "Network Settings" to "Network and Monitoring settings". (only in NETCO NMS)- Monitoring settings: Message timeout upper limit was set to 80000.- Add description to Geolocation setting.- Rename network template from "Message routing" to "Source routing".- WEBUI: increase "Add node" selector panel width to fit longer names and set smaller font-size for node name.

	<ul style="list-style-type: none">- SATEL-EASy+ variants renaming: SATEL-EASy+/TR4+ -> SATEL-EASy+ (400 MHz) and SATEL-EASy+ (as 3AS NMS) -> SATEL-EASy+ (400MHz/3AS NMS).- More robust WEBUI page initialization. <p>g) Grafana dashboards update:</p> <ul style="list-style-type: none">- Node locations panel was moved from Network dashboard to home dashboard.- Link SNR panel was removed from Network dashboard.- Rename "Latest received values" panel title to "Latest network activity" in home dashboard. <p>h) Port mapping in Windows:</p> <ul style="list-style-type: none">- Display possible reasons for port creation failure. <p>i) Add names to the Radio Connection Test output.</p>
Defect fixes	<p>a) Stability fixes and optimizations done in multiple services.</p>
Management	<p>a) User Guide update:</p> <ul style="list-style-type: none">- Known issues removed.- Chapter "Accessing NETCO NMS": Added info about login session expiration and mentioned a default access link with port 2080 for Windows.- New screenshots.- Node locations panel description was added.- Full documentation is in one pdf now, so, getting started document is not needed any more.- Added "Start Docker Desktop" section.- Fixes to how to run LocalUp.ps1. <p>b) Design WEBUI: update EASy+400 and EASy+300 icons.</p>

KNOWN ISSUES

- a) Map view panel displays all the nodes for all monitored networks.
- b) Alarms list out of sync
- After deleting a network, alarms list and kapacitor task list will still show alarms for that network
 - Sometimes, even if dead band alarm occurred, the network is still displayed green in a network list on monitoring page. At least this happens for new network, which connection doesn't work (e.g. invalid com port)
 - After changing the dead band timeout in design UI, alarms list still contains entries with the previous dead band timeout in the description if they were triggered before
 - E-mail configuration is applied only after stack restart

COMPATIBILITY / INFORMATION

- a) Windows10 64-bit OS and Windows11 64-bit OS versions
- b) Ubuntu 20.04 LTS and newer Ubuntu LTS versions
- c) Docker Desktop fo Windows version 4.29.0 or 4.33.1

PACKAGE FILES

Software file	Description
nms-1.5.1+446b176c.240810938-online.zip	-SATEL NETCO NMS CE delivery package. - Please follow installation instructions in the NETCO NMS 1.4.0 Documentation.

SUPPORT DOCUMENTS

File/link	Description
NETCO_NMS_1.4.0_Documentation.pdf	User manual
Dynamic release note	Release note - online version