

TOPIC
SATEL NETCO DESIGN for Windows, v2.1.7
Date: 28.9.2026
☐ HW ☐ FW ☒ SW ☐ New product ☐ Other:

APPLIES TO
This SATEL NETCO DESIGN applies to the following products:
PRODUCTS
SATEL-EASy+ SATEL-EASy Pro+ SATELLINE-3AS VHF
REMARKS
ETH, 300 MHz and 400 MHz variants
See software – product compatibility table for valid list, obsolete product support included: https://www.satel.com/products/software/software-product-compatibility-table/

CHANGES
The changes compared to the previous public version 1.39.6
New features
1) Open SATELLINE SaTerm project files (.spf) — now supporting obsolete SATELLINE-3AS and SATELLINE-EASy families All the settings of a Routing Setup project created in the SATELLINE SaTerm SW tool (in inactive maintenance) are saved in .spf format. This feature lets you open those .spf files (Source Routing) in SATEL NETCO DESIGN and continue smooth upkeep of your SATELLINE-3AS, SATELLINE-EASy and SATEL-EASy+ Source Routing networks with a modern tool. 2) Device types grouped by product family in "Add node" In the Add node list, device types are now organised by product group, making it faster to find the right model — especially across the broader product range. 3) Replace a node in place A new "Replace" option in the node's context menu lets you change a node's device type without deleting and recreating it, reducing rework when you swap a device in an existing plan. This makes network upgrade actions much smoother when changing devices to SATEL-EASy+ product family products! 4) Show or hide Node IDs on the map A new "Node ID" checkbox lets you toggle node IDs on the map for a clearer, tailored view. 5) Show or hide Terminals on the map A new "Terminals" checkbox lets you toggle RTUs and IP Hosts on the map, so you can focus on the radio topology or reduce clutter.

Enhancements

1) Easier monitoring of device health values

When setting up monitoring, the device health readings (Last RSSI, Noise Level, Voltage and Temperature) can now be enabled or disabled together in one step, making monitoring configuration faster.

2) Clearer feedback when importing SATEL NMS PC projects (.saxd)

When a .saxd project is imported, any conversion issues (unsupported models, invalid values) and a node import summary are shown in the Notifications panel, so you immediately see what came in and what needs checking.

3) See which nodes a Common-settings change affected

When you change a value in the Common settings tab, the Notifications panel now lists which nodes were updated (grouped by device type) and reports any failures — clear confirmation of what a bulk change did.

4) Faster stop and restart

Background services now stop within seconds instead of 20–30 seconds, so stopping or restarting SATEL NETCO DESIGN is noticeably quicker.

5) “Radio ID” information for SATEL-EASy+ and SATEL-EASy Pro+

NETCO now shows the radio module’s identity (Radio ID) for these products, so you can see which radio hardware a device uses.

6) Modbus -feature settings for SATEL-EASy+ ETH

Modbus -feature parameters added. Available once the required SATEL-EASy+ ETH firmware (>v1.3.0.0) is released.

7) "RX Delay" in the SATEL-EASy+ and SATEL-EASy Pro+ 3AS NMS profile

A new "RX Delay" timing parameter is available in the 3AS NMS profile, giving finer control over receive timing.

8) Trimmark3 added to the radio compatibility list

Trimmark3 can now be selected for SATEL-EASy+ (400 MHz), SATEL-EASy Pro+ (400 MHz) and SATEL-EASy+ ETH/BT/USB, improving interoperability with Trimmark3 radios.

9) Improved System Update page

The System Update page appearance was improved for a clearer update experience.

10) Copy and paste keeps common settings

Common settings are now applied to a copied or pasted node, so pasted nodes match the network without re-entering values.

	11) IP Host "Unit Identifier" always shown in hex The IP Host "Unit Identifier" is now always displayed in hex format, giving one consistent format and less risk of misreading. 12) View addresses in HEX and DEC You can now view addresses in both HEX and DEC in the Notifications panel, in the format you prefer. 13) Wider network selector The network selector is wider so that long network names are fully visible and easier to select.
Defect Fixes	1) Correct Signal Threshold unit (dBm) Signal Threshold is now shown in dBm (not dB) for SATEL-EASy+ products, making the unit unambiguous. 2) Notifications panel no longer cleared after import The Notifications panel now keeps its content after a network import, so you don't lose the import feedback. 3) No flash of unstyled content on page load Pages no longer briefly show unstyled content while loading; the layout stays hidden until fully rendered. 4) Security vulnerabilities resolved Resolved vulnerabilities VU#543677.1, VU#543677.2, VU#543677.3, VU#543677.4. SATEL would like to thank Alex Williams from Peller Technologies for responsibly reporting these findings.
Maintenance	1) Database upgraded to MongoDB v8.0.20 The underlying database was upgraded to MongoDB v8.0.20, keeping SATEL NETCO DESIGN on a current, supported database version. 2) Automatic database migration The update package migrates the database automatically — no manual database steps are needed. Simply let the update finish and open each network once so that any data migrations run.
Dynamic release notes page with up-to-date information since release is made: https://online.satel.com/updates/get.aspx?p=netco&f=release_notes	

KNOWN ISSUES

For known issues and compatibility information, please see the dynamic release note.

COMPATIBILITY / INFORMATION

- a) Version 2.0.0 is a gateway release, it means that if NETCO DESIGN is updated from earlier version user must make the updates through all gateway versions which are between.
Existing gateway releases are: 1.39.6, 1.29.8M, 1.23.3, 1.17.2 and 1.7.5
For example, if version 1.36.1 is currently in use and the user wants to update to version 2.1.7, you must first update to version 1.39.6, then to the gateway version 2.0.0, and only after that you can update to version 2.1.7.
- b) After each System Update has completed, NETCO DESIGN users are advised to open each existing network once, to allow any Network Data migrations to happen.
- c) When synchronizing from "Device To NETCO" in general, all the settings that are normally generated by NETCO will be overwritten on the next Assist Run. Also, links are not created based on information from Device.
- d) If port 8080, that is used by NETCO as front-end port, becomes occupied by some other application while NETCO services were not running (e.g. during NETCO update), then NETCO can't be started
- e) Extended Validation Code Signing CA
SATEL have adopted Entrust Extended Validation Code Signing CA with device management software.

PACKAGE FILES

Software file	Description
SATEL_NETCO_DESIGN_v2.1.7.zip	-SATEL NETCO DESIGN delivery package. -First time installer ("Setup"). Used only for the first time system setup. -After downloading and extracting the package to a new folder, please start the SATEL_NETCO_DESIGN_v2.1.7.exe -Updates must be done using the built-in Update-mechanism and update-package.
(online.satel.com: update.zip as guided by the system's built-in functions)	Use NETCO's built-in easy Update function to upgrade your existing system to the newest version with just a few mouse clicks. Use the "Update NETCO" from the Admin-tools menu.

SUPPORT DOCUMENTS	
File/link	Description
SATEL_NETCO_DESIGN_v1.14.0.pdf	User manual (SATEL NETCO Design User Guide v1.14.0, for software versions 2.1.0+)
Dynamic release note: https://online.satel.com/updates/get.aspx?p=netco&f=release_notes	Release note - online version