

General Remarks:

NVLT Series Software Version 4.4 is a **SIGNIFICANT** Software update suitable for all Nautel NVLT-Series transmitters. We recommend upgrading your transmitter(s) to this latest release DURING NEXT REGULARLY SCHEDULED SITE INSPECTION.

You can download NVLT Series Software Version 4.4 [here](#).

Software Upgrade procedures can be found in the *Non-Standard Maintenance* section of your *Operations and Maintenance Manual*. Please be sure to review and understand the complete set of instructions prior to beginning your upgrade.

This release marks a significant shift in our development process that should streamline future updates. Most functionality is largely unchanged, though SNMP in particular has been greatly improved. Further details are below.

New Features:

This release introduced a new SNMP agent, one which adheres correctly to the SNMP standard. Issues surrounding invalid GETs, the inability to walk the OID tree, and including multiple commands in a single packet have been resolved. As well, the MIB data has been cleaned up substantially.

Improvements / Enhancements:

- The RF Modules page for FM products has been modified to improve TX responsiveness when viewing that page.
- Remote Output logic levels now change in realtime on the Remote I/O page.
- Cleaned up mode-dependent preset field availability for a number of fields.
- Expanded the number of RDS Alternate Frequencies from 7 to 25.

Removed / Retired Features:

- The ability to individually enable or disable SNMP traps has been removed. It is still possible to enable or disable traps as a whole.
- "Transmitter RF Off" has been removed from the Notifications alarm list. It is not technically feasible with the current software topography.

Bug Fixes:

- Users can now make scheduler rules that start or end in January.
- The Host Not Responding alarm now displays correctly in the AUI logs on arm-based systems.
- The "Secondary Source" field now only populates when the main audio source is set to "Audio Player -> AES2".
- Fixed an issue with incorrect scrolling in the Alert box.
- Cleaned up some Phone Home connect/disconnect issues.
- Only the top-most error message on any given AUI page will now be shown at the bottom of the page.
- Users can now input Audio Processor preset names with actual characters, rather than *s.

All Nautel Software Releases are cumulative and contain features and fixes from prior releases.

Nautel Customer Service: 1-877-662-8835 | 902-823-3900 | support@nautel.com

- Corrected a display issue with Audio Processor button labels.
- Audio Processor controls now work on the local AUI when the transmitter is remote-enabled.
- Corrected Heatsink Temperature meter upper limit.
- Minor UI consistency changes.
- Fixed a typo in Critical Parameters "Settings" output.
- Resolved some display issues around available selections in the remote I/O screen.
- Corrected available preset fields when Audio Player->AES2 is selected as the audio source.
- Renamed 'Main Mod Adjust' option to read 'Main Audio Gain Adjust'.
- Renamed 'Secondary Source' to 'Audio Player Source' in the presets when the audio source is 'Audio Player->AES 2'.
- Renamed preset field 'Dynamic' to 'Dynamic PTY'.
- Renamed the Remote I/O->Analog Outputs columns for clarity.
- The Mod Loss Timeout action 'None' has been renamed to 'Alarm Only', to more accurately reflect actual behaviour.
- The RDS preset Dynamic PTY options have been renamed from 'Enabled/Disabled' to 'Dynamic/Static'.
- The RDS preset Stereo options have been renamed from 'Enabled/Disabled' to 'Stereo/Mono'.

Installation Considerations:

This Software update will take approximately 30-60 minutes, and may require multiple reboots. You will be OFF AIR during the upgrade process.