GV Series Software 5.0.1+UB118

General Remarks:

GV Series Software Version 5.0.1+UB118 is a Software release only suitable for Nautel GV Series transmitters that use the NAC124 controller.

Bug Fix:

- Resolved mismatched communication protocol configuration.
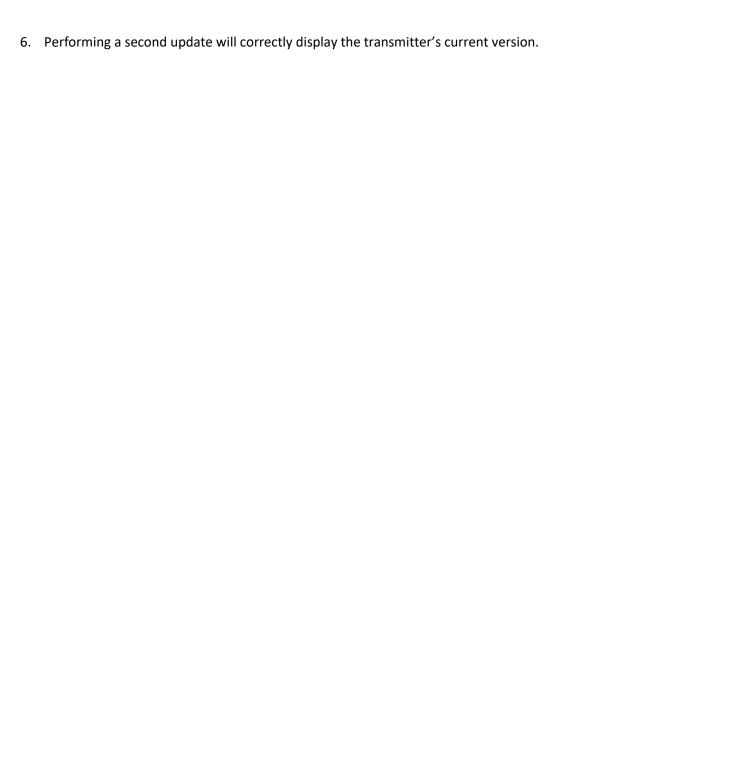- Resolved issue related to CPU usage.

Known Issues:

- Graphical issues may cause meters on the local AUI Rack meters summary page to be difficult to read. See (1).
- Capturing meters in Critical Parameters may not capture correctly and leave out some meters and/or put the meters into an incorrect order. See (2).
- When changing the time to go back in time, the local AUI will freeze. See (3).
    - Going forward in time does not affect the transmitter.
- If you have an active preset with the first created stream as the Audio Source and another preset with the first created playlist as the Audio Source and switch to the second preset, the stream will continue to modulate due to both the playlist and stream having the same order value. See (4).
- The range for both the Main Audio Low Trip Level and SCA Audio Low Trip Level in the AUI are both -100dB to -3dB when they should be -100dB to 0dB. The levels cannot be set higher than -3dB in the AUI. See (5).
- After performing the update, the "Current Version" field may not populate with the installed version. See (6).
    - This does not affect transmitter functionality.
- AlarmPaOverTemperature is present in the MIB, however it will return a value of off(0) regardless of the actual alarm status. The transmitter functionality dependent on the alarm is not impaired.
- Summary alarms in FM products are present in the MIB, however they will return a value of off(0) regardless of their actual alarm status. The transmitter functionality dependent on the alarms is not impaired.
- The error messages for both "MPX Peak" and "MPX SCA Peak" both refer to "Int. SCA1 Peak" and "Int. SCA2 Peak" respectively and vice versa. No change to functionality.
- The span for the Spectrum tool will only go as low as 100kHz instead of the labelled minimum of 10kHz.
- The resolution bandwidth for the Spectrum tool will only go as low as 300Hz instead of the labelled minimum of 75Hz.

Workarounds:

1. Meters appear correctly using Capture Meters in Critical Parameters and are easier to read on device-specific meter summary pages.
    a. Graphical issues are not present in the remote AUI and therefore meters are not affected.
2. Wait approximately 1 minute between capturing Critical Parameters.
3. Pressing the Nautel logo in the top left of the local AUI will unfreeze and reload the local AUI.
    a. Going forward in time via the remote AUI will unfreeze the local AUI.
    b. The remote AUI is not affected when changing the time to go back or go forward in time.
4. Create another stream that has a different order value than the desired playlist and then switch to that stream from the current stream and then switch back to the desired playlist. The same goes for switching from a playlist to a stream.
5. Using the UI, both Main Audio Low Trip Level and SCA Audio Low Trip Level values can be set from -100dB to 0dB.

6. Performing a second update will correctly display the transmitter's current version.

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autel GV Series Software Release Notes

GV Series Software 5.0.0+UB118

General Remarks:

GV Series Software Version 5.0.0+UB118 is a Software release only suitable for Nautel GV Series transmitters that use the NAC124 controller. This is the initial release of GV Software on the UB118 single board computer. This release includes all improvements and enhancements from GV SW 5.0.0 located here.

Known Issues:

- Graphical issues may cause meters on the local AUI Rack meters summary page to be difficult to read. See (1).
- Capturing meters in Critical Parameters may not capture correctly and leave out some meters and/or put the meters into an incorrect order. See (2).
- When changing the time to go back in time, the local AUI will freeze. See (3).
  - o Going forward in time does not affect the transmitter.
- If you have an active preset with the first created stream as the Audio Source and another preset with the first created playlist as the Audio Source and switch to the second preset, the stream will continue to modulate due to both the playlist and stream having the same order value. See (4).
- The range for both the Main Audio Low Trip Level and SCA Audio Low Trip Level in the AUI are both -100dB to -3dB when they should be -100dB to 0dB. The levels cannot be set higher than -3dB in the AUI. See (5).
- After performing the update, the "Current Version" field may not populate with the installed version. See (6).
  - o This does not affect transmitter functionality.
- AlarmPaOverTemperature is present in the MIB, however it will return a value of off(0) regardless of the actual alarm status. The transmitter functionality dependent on the alarm is not impaired.
- Summary alarms in FM products are present in the MIB, however they will return a value of off(0) regardless of their actual alarm status. The transmitter functionality dependent on the alarms is not impaired.
- The error messages for both "MPX Peak" and "MPX SCA Peak" both refer to "Int. SCA1 Peak" and "Int. SCA2 Peak" respectively and vice versa. No change to functionality.
- The span for the Spectrum tool will only go as low as 100kHz instead of the labelled minimum of 10kHz.
- The resolution bandwidth for the Spectrum tool will only go as low as 300Hz instead of the labelled minimum of 75Hz.
- Issue regarding high CPU-usage.
- Issue regarding mismatched communication protocol configuration.

Workarounds:

1. Meters appear correctly using Capture Meters in Critical Parameters and are easier to read on device-specific meter summary pages.
   a. Graphical issues are not present in the remote AUI and therefore meters are not affected.
2. Wait approximately 1 minute between capturing Critical Parameters.
3. Pressing the Nautel logo in the top left of the local AUI will unfreeze and reload the local AUI.
   a. Going forward in time via the remote AUI will unfreeze the local AUI.
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4. Create another stream that has a different order value than the desired playlist and then switch to that stream from the current stream and then switch back to the desired playlist. The same goes for switching from a playlist to a stream.
5. Using the UI, both Main Audio Low Trip Level and SCA Audio Low Trip Level values can be set from -100dB to 0dB.
6. Performing a second update will correctly display the transmitter's current version.

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