

# NovAtel Application Suite

## Version 1.7, 7<sup>th</sup> December 2021

### Improvements

Updated various minor UI and alignment issues and we continue to address these

Updated all instances where log lists are shown so that these are now always in alphabetical order

Updated various Russian language translations

### Setup and Monitor

Added a new Vehicle Setup tool. You can use the tool to define and display the vehicle your equipment is installed in. This is used to assist with SPAN configuration with other uses coming in future updates. You can access the Vehicle Setup tool from the settings menu.

Added a new SPAN configuration tool. You can enter basic information to have your IMU rotation offsets calculated automatically. An accurate visual representation of your setup will update automatically as you progress through the configuration giving confidence in your chosen settings.

Updated the SPAN status displays to ensure you have the most important information available at all times

Adjusted the 'Post Processing' logging pre-set to provide more appropriate default logs

### Playback

Improved responsiveness of playback when choosing speeds greater than 1x

Reduced the number of high-speed options to improve UI accuracy and consistency

Added support for the display of interference events

### Fixes

#### Setup and Monitor

Corrected a rare issue that caused file playback controls to appear

Corrected an issue that caused receivers to be mis-identified in very rare scenarios

Corrected a languages related issue that very rarely caused menus to appear blank

Corrected an issue that prevented logging from starting when switched on from the status page

Corrected an issue that prevented the prefix(talker) from being changed when configuring NMEA logs

Corrected an issue affecting WAAS G-III receivers that prevented logging from starting if using ONNEW trigger types

Corrected an issue that inadvertently caused responses to be enabled when configuring NCOM ports

Corrected an issue that caused port configuration to be unavailable when an unknown log type was detected

Corrected an issue that caused a receiver restart after attempting to apply an invalid auth code

Corrected an issue that caused NAVIC events to stop triggering if less than 4 satellites were tracked

Corrected a logging issue that caused the GPHDTDUALANTENNA log to be set with an invalid trigger type

Corrected an issue that caused NMEA logs to be set to binary format by default

Corrected an issue that prevented the logging status from updating if abbreviated ascii logs were used

Corrected an issue that prevented the tracking display from updating following a model change

## **Playback**

Corrected various issues that prevented the recent activity tile from showing the correct information

Corrected various issues that prevented interference states from being shown

Corrected an issue that caused incorrect interference states to be shown

Corrected an issue that prevented the time from being populated

Corrected an issue that caused the application to be unusable after using the create snippet function

Corrected an issue that prevented user created snippets from being playing

Corrected an issue that caused the interference tile to be incorrectly named

Corrected an issue that prevented events from populating

## **Supported Receivers**

All NovAtel OEM7 based products.

All WAAS G-III receivers.

All NovAtel OEM6 based products.

All NovAtel OEMStar based products.

## **PC Requirements**

2 GHz dual core processor

2GB RAM

500MB Hard Disk Space

1280 x 1024 Resolution Display

## **Supported Operating Systems**

Windows 10, 64bit

Linux, 64bit

## Previous Versions

### Version 1.6, 5<sup>th</sup> October 2021

#### Improvements

Updated the launch page to provide a better experience for all customers

#### Setup and Monitor

Spoofing status will now be reported when connected to compatible devices

When mixing output types, e.g. NMEA and NovAtel, message settings for all types are now shown.

When configuring ports, Output Formats are now listed alphabetical to improve usability

When configuring NMEA logs, the trigger type can now be changed

#### Playback

Spoofing status will now be reported when playing logs from compatible devices

#### Fixes

Corrected an issue that caused the wrong application name to be shown when swapping between Setup and Monitor, and Playback

Corrected various display issues where the language was set to Russian

Corrected an issue that prevented access to help content when connected to PIM222 devices

#### Setup and Monitor

Corrected an issue that prevented NMEA logs from appearing in the terminal

Corrected an issue that caused the application to become unresponsive when Wi-Fi networks with certain names were in range

Corrected an issue that caused asynchronous logs to be unconfigurable on the Port configuration page

Corrected an issue that caused the position type to be displayed incorrectly when connected to PIM222 devices

Corrected a rare issue that prevented devices from being added to groups

Corrected a rare issue that prevented azimuth data being displayed for SPAN capable devices

Corrected an issue that prevented connections to GIII devices

Corrected an issue that caused the wrong operating mode to be displayed with SBAS configured in certain configurations

Corrected an issue that prevented the load and record functions from working within the terminal under certain configurations.

Corrected an issue that prevented satellites from being correctly sorted by elevation on the tracking tab

#### Playback

Corrected various layout issues when playing back logs from GIII devices

## **Version 1.5, 3rd August 2021**

### **Improvements**

Added support for WAAS G-III receivers

Added support for super channel firmware

### **Setup and Monitor**

Updated port configuration options with better support for NMEA settings

UI will no longer be locked while waiting for certain actions to complete e.g. receiver restarts

Added antenna current to device display

Added additional states to positioning display to better reflect states where no position can be output

### **Fixes**

Corrected an issue that caused the wrong application name to be shown when swapping between Setup and Monitor, and Playback

### **Setup and Monitor**

Corrected an issue that prevented high baud rate options from being available for some OEM6 receivers

Corrected an issue that prevented the 'Load' functionality in Terminal from working with PIM222A

Corrected an issue that caused incorrect trigger values to be shown for async log types

Corrected an issue that prevented the 'Cancel' button working on the port configuration page in some scenarios

Corrected an issue that caused incorrect status information to be shown during ALIGN configuration

Corrected an issue that caused logs to be written to file in the wrong order

Corrected an issue that caused unsupported options to be available while configuring in 'Transmit' mode

Corrected an issue that prevented the UI from updating correctly when switching between different receivers

Corrected various display issues when language is set to Russian

### **Playback**

Corrected an issue that caused playback to pause or stutter in certain rare scenarios

## **Version 1.4, 1<sup>st</sup> June 2021**

### **Improvements**

Various UI and alignment improvements

Added support for PIM7500

### **Setup and Monitor**

Updated the logs used when using the Troubleshooting pre-set

## **Fixes**

### **Setup and Monitor**

Corrected an issue that prevented log files from saving to the local file system (PC)

Corrected an issue that prevented entry of an IP address when establishing an ICOM connection

Corrected an issue preventing vehicle body rotation values being set correctly when configuring SPAN

Corrected an issue that caused incorrect SPAN status to be displayed after an FRESET

Corrected various issues that caused the SPAN status to be displayed incorrectly

Corrected various SPAN display issues specific to CPT7

Corrected a rare issue that prevented NTRIP configurations applying correctly

Corrected an issue that could cause an incorrect TERRASTAR subscription to be displayed

Corrected an issue that caused duplicate RAWIMUSX logs to be created while logging

Corrected an issue that caused RAWIMUSXA logs to be hidden in the terminal

Corrected an issue that caused Unknown Bytes to be added to log files created with the terminal record feature

Corrected an issue that caused the device status indicators to remain static on the All Device page

Corrected an issue that caused batch file logs to be loaded on the wrong port

Corrected an issue that prevented the RESET and FRESET commands being sent from the terminal

Corrected an issue that caused the tracking tile to display information from the wrong antenna input

Corrected an issue that caused the Mount Point source table to fail to load while configuring NTRIP

Corrected the incorrect display of positioning information with OEM 617D

### **Playback**

Corrected an issue that caused the Satellite View to display inconsistent information

## **Version 1.3, 6<sup>th</sup> April 2021**

### **Improvements**

When connecting to a receiver, available serial ports are now shown in numerical order

Added ICOM as an available destination for correction output on supported receivers

Added ability to enter hostname as well as IPV4 address when creating a new receiver connection

Adjusted multiple translations for the Russian language

## **Fixes**

Corrected an issue that allowed NAS logs to persist when disconnecting from a receiver (applied to serial connections).

Adjusted labelling to clearly show MSL heights

Corrected an issue that prevented entry of an IP address when establishing an ICOM connection

Corrected a typo during installation that referenced an old support email address

## **Known Issues**

When using a serial connection to connect to a receiver, Interference Toolkit Advanced Settings are locked to default values and cannot be changed.

When configuring the radio, some rare configurations cause the software to become unresponsive.

When connected to a ProPak6D, the internal align solution can not be switched off or re-configured.

## **Version 1.2, 19<sup>h</sup> February 2021**

### **Improvements**

General improvements to better support our range of receivers.

### **Fixes**

Corrected an issue that prevented log output from persisting when NAS was connected to the same logging port.

## **Known Issues**

When using a serial connection to connect to a receiver, Interference Toolkit Advanced Settings are locked to default values and cannot be changed.

When configuring the radio, some rare configurations cause the software to become unresponsive.

When connected to a ProPak6D, the internal align solution can not be switched off or re-configured.

## **Version 1.1.1, 11<sup>th</sup> December 2020**

### **Improvements**

General improvements to better support our range of receivers.

Further improvements to Russian language translation.

### **Fixes**

Corrected an issue that prevented connections to SMART2 products.

Corrected an issues that prevented access to the internal storage on ProPak6D.

## **Known Issues**

When using a serial connection to connect to a receiver, Interference Toolkit Advanced Settings are locked to default values and cannot be changed.

When configuring the radio, some rare configurations cause the software to become unresponsive.

When connected to a ProPak6D, the internal align solution can not be switched off or re-configured.

## **Version 1.1, 24<sup>th</sup> November 2020**

### **Improvements**

Added satellite tracking views.

Added support for OEM6 products.

Added support for OEMStar products.

Russian language improvements (remains in progress).

### **Fixes**

Corrected an issue that could have prevented the Radio configuration controls from being shown.

Corrected a number of issues related to Interference Toolkit settings menu.

Corrected an issue that would cause satellites to be displayed in the wrong location of the Satellite View.

Many other updates and fixes to address performance and usability.

### **Known Issues**

When using a serial connection to connect to a receiver, Interference Toolkit Advanced Settings are locked to default values and cannot be changed.

When configuring the radio, some rare configurations cause the software to become unresponsive.

When connected to a ProPak6D, the internal align solution can not be switched off or re-configured.

When connected to a ProPak6D, the internal storage is not available.