GetSAT Version Upgrade Manual

Upgrade Manual from Versions Above 4.0 to 4.6

Document # MN-181223 version 4.6

January 20, 2020

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1. ABSTRACT

This document describes the Milli/Micro/Nano SAT version upgrade procedure from version 4.0 and above to version 4.6 If you are upgrading from an older version, please contact GetSAT support at support@getsat.com For Help.

1.1 Revision History

Release	Date	Author	Description
Ver 4.0.0.0	July 01, 2019	Shai Hakim	Update to 4.0.0
Ver 4.5	May 03, 2020	Mark Borohov	Update to 4.5
Ver 4.5.2	June 2, 2020	Mark Borohov	Patch to 4.5
Ver 4.5.3	June 16, 2020	Mark Borohov	Patch to 4.5
Ver 4.5.5	September 15, 2020	Mark Borohov	Patch to 4.5
Ver 4.6.0	December 24, 2020	Mark Borohov	Update to 4.5
Ver 4.6.1	January 20, 2020	Mark Borohov	Patch to 4.6

Table 1: Revision history

2. VERSION UPGRADE STEPS

2.1 General upgrade process steps

1. Save the system configuration from the current version, General and Terminal
2. Upgrade the Factory default bundle with version 4.6
3. Restore the system configuration
4. Upgrade the Bundle 1 with version 4.6
5. Restore the system configuration

2.2 Detailed upgrade process steps

1. Log in to the system with WEB UI using an Admin account and navigate to Settings -> Packages.
2. Make sure that active bundle is not factory default bundle, if yes switch active bundle to operational and wait until terminal will boot once again.
3. You **MUST** save the system configuration file (you will need it after the version upgrade), under Settings -> Packages download "general" configuration and "Terminal" configuration.
4. Upgrade (Settings->Packages) the Golden firmware of factory default bundle to newest version 4.6 and wait until it will finish the upgrade.
5. Activate the Factory Default bundle and wait until terminal is booted and login as admin.
6. Navigate to Settings -> Packages, factory default bundle version should show the version that has just been updated to, if not repeat stage 4 to fix broken version number, power cycle after finishing stage 4.
7. Upload the Terminal.xml configuration on Settings->Packages via upload "Terminal" configuration. Make sure that LNB LOs and BUC LOs are in Mhz (**Note:** below 4.5.0 versions, LOs are in Ghz).
8. When upgrading from 4.0-4.2 upload the saved configuration on Settings->Packages via upload "General" configuration.
9. Power cycle the terminal.
10. Login to the terminal as admin go to Settings -> Packages, and upgrade bundle 1 to 4.6. version and wait until it will finish the upgrade.

11. After Operational firmware burn has completed successfully activate bundle 1 and wait until it will be loaded.
12. Repeat stage 8.
13. Power cycle the terminal.

Note!

Make sure that all configuration was uploaded successfully, make sure that system type, serial number, MAC address, DC remove of the spectrum and encoders calibrations are correct.