SATEL RELEASE NOTE   Document: CRN-23-008-v1

TOPIC
SATEL Configuration Manager 1.19.7
Date: 22.5.2023
☐ **HW** ☐ **FW** ☒ **SW** ☐ **New product** ☐ **Other:**

SOFTWARE APPLIES TO PRODUCT NAMES/FAMILIES	REMARKS
SATEL Proof-TR4+ SATEL Proof-TR9 SATEL-EASy+ SATELLINE-EASy SATEL EASy-Proof SATEL Compact-Proof SATEL Compact-Proof 869 SATELLINE-EASy Pro SATEL Compact-4BT ***** SATELLINE-EASy 869 SATEL-TR4+ SATEL-R4+ SATEL-TR300 SATEL-TR49 SATEL-TR49 SnapOn SATEL-TR489 SATELLINE-M3-TR9 SATELLINE-M3-R9 SATELLINE-M3-TR1 SATELLINE-M3-TR1 869 All product variants with regular 1MB and alternative 512kB memory size are supported. SW compatibility table: https://www.satel.com/products/software/software-product-compatibility-table/	*****Only product configuration is supported. FW flash and Recovery flash require SATEL Configuration Manager 1.12.3 due to updated flash file control procedure (.pff file).

CHANGES

SATEL Configuration Manager 1.19.7 replace previous SATEL Configuration Manager versions 1.18.0
SATEL Configuration Manager 1.12.3 remains the primary version for SATEL Compact-4BT and obsolete, separately listed supported products.

The changes compared to the previous version 1.18.0 are listed below.

New features	1. Added support for use of 800 MHz band with Command Line Interface tool 2. Signed Satel_Configuration_manager.exe and spff_flash.exe, Extended Validation Code Signing CA SATEL adopted Entrust Extended Validation Code Signing CA with device management software.

	a. Entrust Extended Validation Code Signing CA - EVCS2 is a digital certificate that is used for code signing. b. It is issued by Entrust, a trusted provider of digital security solutions. c. The EVCS2 certificate provides an extra layer of assurance that the software being signed has been verified by a trusted third-party authority, making it more secure and trustworthy for end-users. There are several benefits to using Entrust Extended Validation Code Signing CA - EVCS2 for code signing: a. **Increased Trust**: Certificate provides an additional layer of trust and assurance to SATEL software customers and users, demonstrating that software has been verified by a trusted third-party authority. b. **Improved Security**: Certificate uses advanced encryption technology, helping to prevent tampering, and ensure the integrity of code. c. **Reputation**: Entrust is a reputable and trusted provider of digital security solutions and using their EVCS2 certificate enhance SATEL reputation as a trustworthy and reliable software provider. d. **Widely Recognized**: Certificate is recognized and trusted by major software platforms and distributors, making it easier to distribute SATEL software across multiple platforms. e. **Compliance**: With a certificate SATEL can comply with industry standards and regulations that require the use of trusted digital certificates for code signing.
Enhancements	3. Settings writing order is reorganized according Satel recommendation: a. Frequency band b. Region code c. Compatibility mode d. Channel Spacing e. Frequencies (TX, RX, Reference - in any order) f. Tx Power level g. Other settings (Error check mode, FEC, whitening, etc.)
Error fixes	4. Configuration file (.cfg) related issues fixed: a. The channel list wasn't cleaned correctly when the configuration file was loaded. That causes write operation errors if configuration file didn't contain Channel List setting. b. Encryption keys hash caused an error when loading configuration file and then writing settings to a device. c. A message about unsaved changes is shown after the configuration file is loaded and settings are written to the device. The error happened only when TX power in the device and TX Power in the file are different.

COMPATIBILITY
The released software version is designed to be used with the 1MB and 512 kB products listed above

KNOWN ISSUES
SATEL-TR489(512kB): Restoring factory settings on 800MHz/900MHz band and then writing settings can

cause an error text during parameter validation. This error message does not prevent proper functionality and can be ignored.

Reference frequency writing fails in some cases. Impacted products are SATEL-EASy+, SATEL-TR4+, SATEL-TR49 (Also snap on), SATEL-TR9, SATEL-TR489 and SATEL-TR300

50kHz is not visible in Supported/Enabled channel width even if option would be available in the device.

FILES	
Software file	**Description**
SATEL_Configuration_Manager_v1_19_7_signed.zip	Delivery package that includes below files
SATEL_Configuration_Manager.exe	Application
satel_configuration_manager.dat	Application related parameters
satel_configuration_manager.help	Application Help texts
SatelNMS.ID (v3.107)	Description file for supported NMSID settings
Pff_flash	Folder containing files required for PFF-format flashing

SUPPORT DOCUMENTS	
File/link	**Description**
https://www.satel.com/products/software/configuration-manager/	SATEL Configuration manager user guide