⊛ SATEL® RELEASE NOTE   Document: CRN-030/13

TOPIC
SATEL Configuration Manager v. 1.3.15
Date: 9.10.2013
☐ **HW**   ☐ **FW**   ☒ **SW**   ☐ **New product**   ☐ **Other:**

APPLIES TO	
SATELLINE-M3-TR1 family, SATELLINE-M3-R3/-TR3 products, SATELLINE-EASy 869	
PRODUCT CODE AND NAME	REMARKS
SATEL Configuration Manager v. 1.3.15	

CHANGES	
The changes compared to the previous version 1.3.9 are listed below.	

New features	**1. Support for SATELLINE-EASy 869**
	SATELLINE-EASy 869 is the new transceiver radio modem for the 869Mhz band.
	
	2. Support for SATELLINE–M3–TR1 869
	SATELLINE-M3-TR1 869 is the new transceiver radio module for the 869Mhz band.
	
	3. Support for SATELLINE-M3-TR3
	SATELLINE-M3-TR3 is the new small, state-of-the-art UHF data transceiver module.
	
	4. Support for 128-AES encryption for radio path
	Encryption related parameters are on *Misc settings* tab. Encryption related parameters are available only if the connected product supports the encryption functionality.
	  – *Encryption Password* field is used for generating the encryption key.
	  – *Generate and save keys* button must be selected every time the encryption key is changed.
	Note that selecting the *Write Settings* button does not modify the encryption key. Password will not be stored in the configuration file. This ensures the security and the secrecy of the key.
	
	5. Region code setting
	Region code setting configures the rules that will be applied in order to operate according to the regional requirements.
	The available values are:
	  – Default (=0): No regional settings activated.
	  – US (=1): Transmitter will be disabled if channel spacing is 25kHz and radio compatibility is one of the GMSK based protocols. FCC rules (1 Jan 2013), that in the USA it is illegal to transmit on 25kHz channel if the link rate is less than 19200bps.
	Region code setting can be set if the user level is Maintenance.

Enhancements	**6. New format for the modem parameters report: Save configuration as Text** The content of the report, the parameter list, has been re-ordered and is printed out in clearer, more readable format. **7. Increased user-friendliness in parameter tabs** Layout of the GUI elements has been enhanced. For example, radio and serial interface settings are divided to separate tabs of *Radio Settings* and *Serial Interface*. *Misc settings* tab is readable to user level User and modifiable for user level Maintenance.

KNOWN ISSUES

Load ChannelList
When loading the channels from the .csf files by selecting the button *Load ChannelList*, some channels may not be loaded correctly. This occurs if the number of channels in the file is unequal to the previous number of channels. Channel Selector can be used instead (user level Maintenance).

COMPATIBILITY

The released software version is downwards compatible.

FIRMWARE FILES

Software file	Description
SATEL_Configuration_Manager.exe	Application
satel_configuration_manager.dat	Application related parameters
satel_configuration_manager.help	Application Help texts
SatelNMS.ID (v.2.67)	Description file for supported NMSIDs