

Release Notes

MT Software Suite 2019.2

Author: Product Manager

Date: August 1, 2019



1 About this release

This document details the MT Software Suite release for the complete MTi portfolio.

Table 1: Overview of the MTi Product Portfolio

Product Family	Product versions	Generation	Status
MTi 1-series	MTi-1 (IMU) MTi-2 (VRU) MTi-3 (AHRS) MTi-7 (GNSS/INS)	V2	Active; Tested and supported with this release
MTi 10-series	MTi-10 (IMU) MTi-20 (VRU) MTi-30 (AHRS)	5 th generation	Active; Tested and supported with this release
MTi 600-series	MTi-610 (IMU) MTi-620 (VRU) MTi-630 (AHRS) MTi-670 (GNSS/INS)		Active; Tested and supported with this release
MTi 100-series	MTi-100 (IMU) MTi-200 (VRU) MTi-300 (AHRS)	5 th generation	Active; Tested and supported with this release
	MTi-G-710 (GNSS/INS)	5 th generation	Active; Tested and supported with this release

Table 2: Release versions

Release component	Product applicability	New version	Comments
MT Manager	MTi Product Family (Table 1)	2019.2	Stable release
Magnetic Field Mapper	VRU, AHRS and GNSS/INS products	2019.2	Stable release

2 Notes

A ROS node is available and supported by Xsens. It can be found in the MT SDK folder of the MT Software Suite (Linux only).

3 Compatibility

Table 3: Release versions

Software platform	Notes on support
Windows 10 64-bit	Tested and officially supported

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Linux 64-bit (Ubuntu 16.04)	Tested and officially supported
Windows 7 64-bit	Checked, no official support

4 Bug fixes, improvements and features

This section details the list of issues tackled in this release for the release components of MT Software Suite 2019 (Table 4) and the Magnetic Field Mapper (Table 5).

Table 4: MT Software Suite 2019

Improvements & features		
Feature	MTSDK-4570	Support of MTi 600-series in MT Software Suite + Examples
Improvement	MTSDK-4458	Enhanced NMEA support for MT Manager
Improvement	MTSDK-4429	
Improvement	MTSDK-4216	
Improvement	MTSDK-4449	
Improvement	MTSDK-4569	Multiple sensor support for ROS node
Feature	MTSDK-4558	Added CAN Support for MT Manager
Feature	MTSDK-4574	
Improvement	MTSDK-4561	Minor improvements
Improvement	MTSDK-4542	
Improvement	MTSDK-4516	Included WMM2015v2
Improvement	MTSDK-4429	Feedback in message window when scanning for device
Bug Fixes		
Bug	MTSDK-4544	Added Filter Settings to settings file
Bug	MTSDK-4543	Update battery level for docked MTw
Bug	MTSDK-4484	minor bugs fixed
Bug	MTSDK-4483	
Bug	MTSDK-4471	
Bug	MTSDK-4468	
Bug	MTSDK-4463	
Bug	MTSDK-4449	

Table 5: Magnetic Field Mapper

Improvements & features		
Feature	MFM-84	Support of MTi 600-series in MFM
Improvement	MFM-96	Remember MFM window size
Bug Fixes		
Bug	MFM-95	Unable to MFM Link system

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5 Product overview and current status

This section reports in Table 6 the relative release status of all the MTi product components.

Table 6: Complete list of product series and their release status

Components	Product applicability	Stable version	Beta version	Comments
Firmware	MTi 10-series MTi 100-series	1.10.0	1.11.2	5 th generation
	MTi 600-series	1.0.0		Stable
	MTi-G-710	1.10.0	1.11.2	5 th generation
	MTi-1 MTi-2 MTi-3	1.4.0	1.5.2	Compatible with MTI 1-series v2
	MTi-7	1.4.0	1.5.2	Compatible with MTI 1-series v2
Firmware Updater	Firmware Updater	4.2.6	-	
MT Software Suite	MT Manager	2019.2	2019.1.2	2019.2 is latest stable release
	MT SDK	2019.2	2019.1.2	2019.2 is latest stable release
	Magnetic Field Mapper (SDK)	2019.2	2019.1.2	2019.2 is latest stable release