

# Release Notes

## MT Software Suite 2019.1.2

Author: Product Manager

Date: Mar 20, 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
1-series	MTi-1 (IMU) MTi-2 (VRU) MTi-3 (AHRS) MTi-7 (GNSS/INS)	V2	Active; Tested and supported with this release
10-series	MTi-10 (IMU) MTi-20 (VRU) MTi-30 (AHRS)	5 <sup>th</sup> generation	Active; Tested and supported with this release
100-series	MTi-100 (IMU) MTi-200 (VRU) MTi-300 (AHRS)	5 <sup>th</sup> generation	Active; Tested and supported with this release
	MTi-G-710 (GNSS/INS)	5 <sup>th</sup> 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)	<b>2019.1.2</b>	Beta release
Magnetic Field Mapper	VRU, AHRS and GNSS/INS products	<b>2019.1.2</b>	Beta release

### 2 Notes

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

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### 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**

<b>Improvements &amp; features</b>		
Improvement	MTSDK-4516	Update to World Magnetic Model 2015v2
Improvement	MTSDK-4427	Removed unsupported status flag for connected devices
Improvement	MTSDK-4215	
Improvement	MTSDK-4441	
Improvement	MTSDK-4216	Improved NMEA support
Improvement	MTSDK-4429	
Improvement	MTSDK-4458	
<b>Bug Fixes</b>		
Bug	MTSDK-4471	Fixed an unexpected crash of MT Manager when an invalid alignment matrix is entered
Bug	MTSDK-4473	Fixed an unexpected change of default export settings

**Table 5: Magnetic Field Mapper**

<b>Improvements &amp; features</b>		
<b>Bug Fixes</b>		

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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	10-series 100-series	<b>1.10.0</b>	1.11.2	5 <sup>th</sup> generation
	MTi-G-710	<b>1.10.0</b>	1.11.2	5 <sup>th</sup> generation
	MTi-1 MTi-2 MTi-3	<b>1.4.0</b>	1.5.2	Compatible with MTI 1-series v2
	MTi-7	<b>1.4.0</b>	1.5.2	Compatible with MTI 1-series v2
Firmware Updater	Firmware Updater	<b>4.2.6</b>	-	
MT Software Suite	MT Manager	<b>2019.0.1</b>	2019.1.2	2019.0.1 is latest stable release
	MT SDK	<b>2019.0.1</b>	2019.1.2	2019.0.1 is latest stable release
	Magnetic Field Mapper (SDK)	<b>2019.0.1</b>	2019.1.2	2019.0.1 is latest stable release