

Release Notes

MT Software Suite 2019.3.2-beta

Author: Product Manager

Date: November 1, 2019



1 About this release

This document describes a new **beta** release of the MT Software Suite.

2 Deliverables

Table 1: Deliverables

Release component	Product applicability	New version	Comments
MT Software Suite (MT Manager, MT SDK (incl ROS node driver), Magnetic Field Mapper, MFM SDK)	The complete MTi Product Family (see Table 2)	2019.3.2-beta	The ROS node driver is available in the MT SDK folder of the MT Software Suite (Linux only).

3 Tested with

Table 2: Overview of the tested+supported products

Product Family	Product types	Generation /HW version	FW version	Comments
MTi 1-series	MTi-1 (IMU) MTi-2 (VRU) MTi-3 (AHRS)	V2	-	
	MTi-7 (GNSS/INS)	V2	1.5.13-beta	
MTi 10-series	MTi-10 (IMU) MTi-20 (VRU) MTi-30 (AHRS)	5th generation	-	
MTi 100-series	MTi-100 (IMU) MTi-200 (VRU) MTi-300 (AHRS)	5th generation	-	
	MTi-G-710 (GNSS/INS)	5th generation	1.11.12-beta	
MTi 600-series	MTi-610 (IMU) MTi-620 (VRU) MTi-630 (AHRS)	V1	-	
	MTi-670 (GNSS/INS)	V1	1.1.2-beta	

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4 Compatibility

Table 3: Operating systems

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

5 Bug fixes, improvements and features

This section details the list of issues that are contained in this release.

Table 4: list of issues

Improvements & features		
Feature	MTi600-77 MTONE-313	Added support to MTi-670 and MTi-7 for the uBlox ZED family GNSS receivers
Feature	MTi600-79	Added support to MTi-670 and MTi-7 for the uBlox NEO family GNSS receivers
Feature	MTi600-99	Added orientation smoother for MTi-670
Improvement	MTi600-157	MTi-670 now supports output of GNSS satellite info
Improvement	MTSDK-4526	Position and velocity publishers added to ROS node
Bug Fixes		
Bug	MTSDK-4638	Fixed ROS node high CPU load
Bug	MTSDK-4645	Fixed wrongly printed baudrates in ROS info messages

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6 Current product overview

This section lists all the products and their current stable and beta versions.

Table 5: Complete list of products and their current versions

Deliverable	Product(s)	HW version	Current <i>stable</i> version	Current <i>beta</i> version	Comments
Firmware	MTi-1 MTi-2 MTi-3	V2	1.4.0	1.5.2	
	MTi-7	V2	1.4.0	1.5.13	
	MTi-10 MTi-20 MTi-30	5 th generation	1.10.0	1.11.2	
	MTi-100 MTi-200 MTi-300	5 th generation	1.10.0	1.11.2	
	MTi-G-710	5 th generation	1.10.0	1.11.12	
	MTi 610 MTi 620 MTi 630	V1	1.0.0	-	
	MTi 670	V1	1.0.0	1.1.2	
Firmware Updater	for all Xsens devices		4.2.7	-	
MT Software Suite	MT Manager MT SDK (incl. ROS node driver) Magnetic Field Mapper MFM SDK		2019.2	2019.3.2	