

# Release Notes

## Firmware MTi 1-series 1.4.0

Author: Product Manager

Date: Jan 31, 2019



### 1 About this release

This document details the firmware release for the MTi 1-series.

**Table 1: Overview of the MTi 1-series Product Portfolio**

Product Family	Product versions	Generation	Status
1-series	MTi-1 (IMU) MTi-2 (VRU) MTi-3 (AHRS)	V2	Active; Tested and supported with this release
	MTi-7 (GNSS/INS)	V2	Active; Tested and supported with this release

**Table 2: Release versions**

Release component	Product applicability	New version	Comments
Firmware	MTi-1/2/3/7	<b>1.4.0</b>	stable release

### Bug fixes, improvements and features

This section details the list of issues in this release.

**Table 4: Firmware**

Improvements & features	
Improvement	<a href="#">MTIONE-223</a>
Improvement	<a href="#">MTIONE-310</a>
New Feature	<a href="#">MTIONE-130</a>
New Feature	<a href="#">MTIONE-257</a>
New Feature	<a href="#">MTIONE-288</a>
New Feature	<a href="#">MTIONE-294</a>
New Feature	<a href="#">MTIONE-295</a>
New Feature	<a href="#">MTIONE-297</a>
Enabled skip factor on 800Hz HR outputs, preparation for future features/releases	
Bug Fixes	
Bug	<a href="#">MTIONE-125</a>
Bug	<a href="#">MTIONE-172</a>
Bug	<a href="#">MTIONE-243</a>
Bug	<a href="#">MTIONE-269</a>
Bug	<a href="#">MTIONE-285</a>
Bug	<a href="#">MTIONE-301</a>
Bug	<a href="#">MTIONE-303</a>
Several fixes on UTC and PVT timing and other small fixes	

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## 2 Product overview and current status

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

**Table 5: 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>	-	5 <sup>th</sup> generation
	MTi-G-710	<b>1.10.0</b>	-	5 <sup>th</sup> generation
	MTi-1 MTi-2 MTi-3	<b>1.4.0</b>	-	Compatible with MTI 1-series v2
	MTi-7	<b>1.4.0</b>	-	Compatible with MTI 1-series v2
Firmware Updater	MTi Product Family	<b>4.2.6</b>	-	
MT Software Suite (MT Manager, MT SDK, Magnetic Field Mapper, MFM SDK)	MTi-1 MTi-2 MTi-3	<b>2019.0.1</b>	-	2019.0.1 is latest release
	MTi-7	<b>2019.0.1</b>	-	2019.0.1 is latest release
	10-series 100-series MTi-G-710	<b>2019.0.1</b>	-	2019.0.1 is latest release