

Release Notes

MT Software Suite 2025.3.0 for Xsens MTi/Sirius/Avior product portfolio

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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	Last stable version	Comments
MT Software Suite	Xsens Sirius Series	2025.3.0	2025.2.0	-
	Xsens Avior Series	2025.3.0	2025.2.0	-
	MTi 1-series MTi 600-series	2025.3.0	2025.2.0	-

3 Bug fixes, improvements and features

This section details the list of issues that are contained in this release as compared to the last stable release.

Table 2 List of bug fixes, improvements and features

Type	Reference	Comments
Feature	BSNSW-508, BSNSW-509, BSNSW-564	Support for new Xbus output messages EulerAnglesStd and QuaternionStd.
Feature	BSNSW-493	Support for new CAN configuration options CAN-FD (Xsens Sirius/Avior) and 120 Ohm termination resistor (Xsens Sirius).
Feature	n/a	MT Manager and Magnetic Field Mapper GUIs now follow Windows color settings.
Bug fix	ASMNL-302	Fixed a bug that caused the filter profile setting to become unavailable after enabling NMEA / String output messages.
Bug fix	ASMNL-543	MFMSDK will now reset the calibration parameters prior to data collection.
Bug fix	ASMNL-551	Fixed a bug that could prevent MT Manager from loading some .mtb log files.
Improvement	ASMNL-376	Xsens Device API and MT SDK now support Python versions 3.12 and 3.13.
Improvement	ASMNL-476	ROS1 driver in Linux MT SDK has been replaced with a referral to the new ROS1/2 drivers on Github .
Improvement	ASMNL-478	Updated the Linux package's readme files.
Improvement	ASMNL-541	String report mode output configuration now only suggests output messages that are supported by the connected device.

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4 MTSS System Requirements

The MT Manager is designed for Windows 11 and Linux; the following system setup is recommended to properly run the software:

- Windows 10/11 64-bit or Linux 64-bit (no official support for Windows 7/8 or 32-bit platforms).
- Intel® Pentium® or AMD® processor, 1 GHz (minimum) Pentium® Haswell (gen 4) or AMD Athlon® Carrizo or newer (recommended).
- USB port (1.1 or higher) or standard PC serial COM-port (RS-232).
- Graphics card with 3D hardware acceleration and OpenGL support. Contact your graphics card manufacturer to ensure your graphics card drivers are up to date. The recommended screen resolution (height) is 900 pixels or higher.