MT Software Suite 4.7 for MTi 1-series, 10-series and 100-series

Xsens has released the MT Software Suite 4.7 for the MTi 1-series, 10-series and 100-series, including the MTi-G-710.

New Features:

- **In-run Compass Calibration (ICC):**

This feature allows you to do a magnetic compass calibration on board the MTi. This makes that in many applications, you can use the magnetic field compass for heading in filter profiles that are using the magnetic field. The easiest way to test ICC is by using the Representative Motion feature in MT Manager (of course also available in low-level communication). Just push the button Representative Motion, rotate the MTi and the object several times and push the button Representative Motion again. Happy with the results? Store the results with the Store-button. Although the easiest is to call this feature from MT Manager, it is intended for embedded applications where you cannot connect to a computer.

More information can be found on our Base knowledge base articles:
In-run Compass Calibration (ICC) and Representative Motion
Using ICC Representative Motion (RepMo) in MT Software Suite.

- **Gyro Bias Estimation:**

  With new filter adjustments, the filter is better able to determine whether the MTi is moving. Gyro bias estimation is faster and more accurate.

- **Two NMEA strings have been added:**

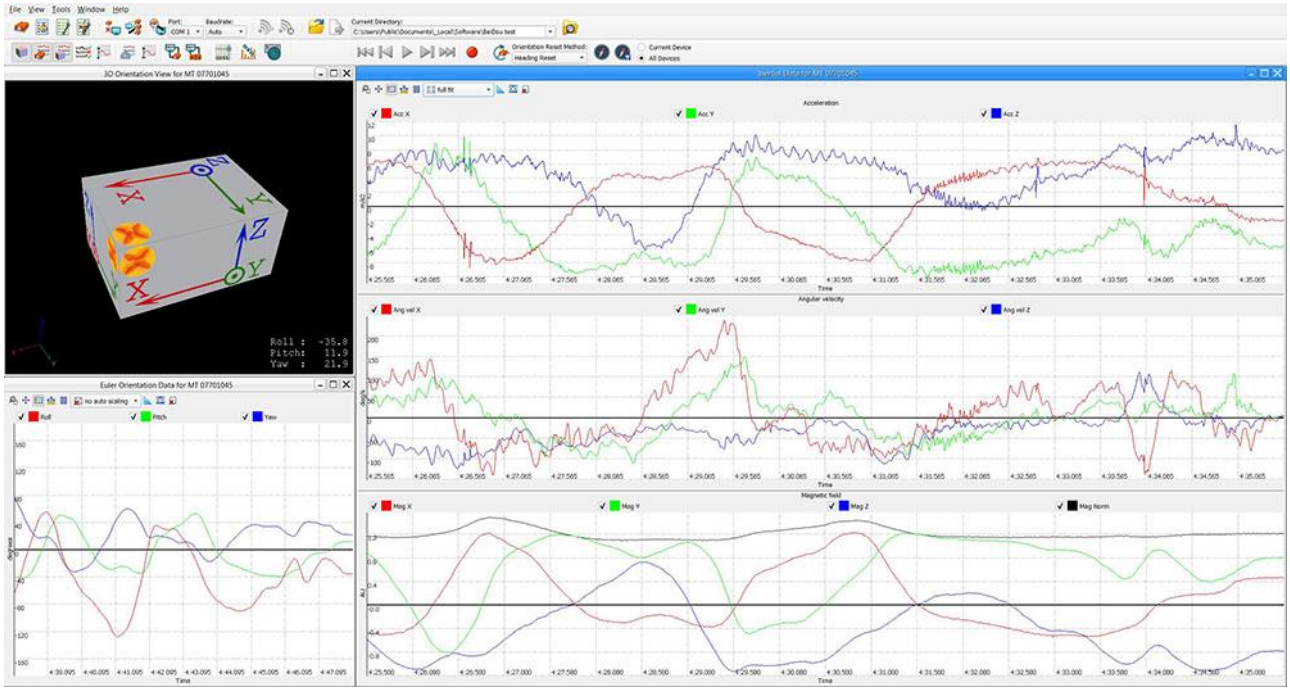
  ZDA (time and date) and XSVEL (velocity). You can set these in MT Manager – Output Configuration window.

- **A new filter profile has been added for the MTi-G-700/710:**

  HighPerformanceEDR replaces AutomotiveUrbanCanyon, improving on position dead-reckoning and challenging GNSS conditions.

Software Download
You can download the MT Software Suite 4.7, including the Xsens Firmware Updater from our website.

Release Notes
The release notes for MT Software Suite 4.7 are available on BASE.



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LUNITEK srl
via Variante Aurelia 115 Bis
19038 SARZANA (La Spezia) ITALY
CF e P.IVA 01107260117

tel. (+39) 0187 692070
fax (+39) 0187 622339
www.lunitek.it
info.sarzana@lunitek.it

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