

Release notes

Xsens 2025.2

This document describes the new features, improvements, and bug fixes in the new release 2025.2 for Xsens software: Xsens Humanoid Pro / Live

New versions	Xsens: 2025.2 Stable (Oct 2025) Awinda firmware: ! AW-A2 v4.14.0, AW-DNG2(-ANT) v4.14.0, MTw2 v4.14.0 Link firmware: ! BPACKv1 v1.6.3, BPACKv2 v1.6.3, MTx2 v1.6.3 FWU: 4.4.1
Previous versions	Xsens: 2025.0.1 Patch (Aug 2025) Awinda firmware: ! AW-A2 v4.14.0, AW-DNG2(-ANT) v4.14.0, MTw2 v4.14.0 Link firmware: ! BPACKv1 v1.6.3, BPACKv2 v1.6.3, MTx2 v1.6.3 FWU: 4.4.1
Release date	Oct 2025
Operating system	Windows 11, 64-bit
Meaning of icons	+added, ^changed, !note, #fixed, -removed

Xsens Analyze/Animate:

! No Changes

Xsens Humanoid:

- + Release of the Xsens Humanoid Pro / Live software
 - + Humanoid specific UI and theme
 - + Improved Humanoid workflows (Data collection / Live teleoperation)
 - o Pro focused on extensive AI HD data collection
 - o Live focused on Live humanoid teleoperation through streaming
 - + ROS(2) Network streaming preset*
 - o https://github.com/hrii-iit/xsens_mvn_ros (ROS)
- *ROS2 Node to be released later this year.

Known Issues

- # Enabling GNSS in the Live Mocap Config window causes Xsens to crash
- # Application can crash when props are enabled and biomechanical model is switched
- # Fbx exporter exports wrong Tpose
- # Changes to a stream is not always directly applied (re-enable to fix)