

Release notes

Xsens 2025.4

This document describes the new features, improvements, and bug fixes in the new release 2025.4 for Xsens software: Xsens Record, Analyze, Animate and Humanoid versions.

New versions	Xsens: 2025.4 Stable (Dec 2025) Awinda firmware: • AW-A2 v4.14.0, AW-DNG2(-ANT) v4.14.0, MTw2 v4.14.0 MVN Link firmware: • BPACKv1 v1.6.3, BPACKv2 v1.6.3, MTx2 v1.6.3 Firmware updater: • 4.4.1 (only MVN Link & Awinda) + 5.0.0 (only Xsens Link) (NEW!) Xsens Link firmware: + Hub v1.0.0, MTx3 v1.0.0 + Firmware Updater: 5.0.0 (Only Xsens Link)
Previous versions	Xsens: 2025.2 (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 Firmware updater: 4.4.1
Release date	Dec 2025
Operating system	Windows 11, 64-bit

Overall:

(New) Support for Xsens Link – Next generation motion capture system

- Added new dropdown option to select the new Xsens Link hardware
- Battery indicator now shows both internal and external battery status
- New system messages
 - Low battery warning, critical battery Alerts
- Added Wi-Fi configuration tab to the configuration wizard for easier hub-router configuration.

(Improvement) Overall performance and stability in challenging environments

Xsens Analyze:

(Updated) Delsys integration

- Added support for Delsys Trigno Centro

Xsens Humanoid:

(New) Added BVH export option to Humanoids Pro

- Users can now export mocap data to .BVH directly from Humanoids Pro.

Bugs fixed:

- Xsens software crash after props are enabled and the biomechanical model is later switched
- Xsens software in live mode only shows 3 scenarios and soft floor and vehicle are missing
- Xsens software crashes when connecting the Delsys Trigno Mini sensors

Known Issues

- # Enabling GNSS in the Live Mocap Config window causes software to crash
- # Fbx exporter exports wrong T-pose
- # Changes to a stream are not always directly applied (re-enable to fix)
- # The Delsys Trigno snap lead sensors are not supported currently
- # Delsys hardware trigger enabled only gets EMG data on the 2nd attempt of recording
- # EMG data sample number per frame is not consistent
- # License Manager does not show network license on 1st fresh run
- # Biomechanical model and body dimensions are not remembered since last recording
- # Xsens software gives a message that manus core is out-of-date
- # Xsens Record license is currently not working
- # Xsens Link – Currently WPS functionality is not supported yet
- # Xsens Link – Remote OBR functionality is not supported yet
- # Xsens Link – Using a prop sensor in OBR-mode is not supported yet
- # Xsens Link – Switch off hardware from inside the software is not supported yet
- # Xsens Link – Wi-Fi tab only appears when a complete system is connected
 - Visible through Remote OBR tab
- # Xsens Link – Internal battery is not charged with the external battery
- # Xsens Link – External battery icon takes 1 min before showing up in a live session
- # Xsens Link – No message when (disc)connecting external battery in the software
- # Xsens Link – If the hub is turned off during a live session, the software can freeze
- # Xsens Link – If the hub is turned on after turning it off in a live session, the actor needs to be toggled before all the sensors are found
- # Xsens Link – Enabling stealth mode resets the calibration
- # Xsens Link – Missing audio signal from the hub when recording is stopped
- # Xsens Link – Changes to the sensors or eSuit cables when the hub is turned on require the hub to restart