

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	<p>Xsens: 2025.4 Stable (Dec 2025)</p> <p>Awinda firmware:</p> <ul style="list-style-type: none">• AW-A2 v4.14.0, AW-DNG2(-ANT) v4.14.0, MTw2 v4.14.0 <p>MVN Link firmware:</p> <ul style="list-style-type: none">• BPACKv1 v1.6.3, BPACKv2 v1.6.3, MTx2 v1.6.3 <p>Firmware updater:</p> <ul style="list-style-type: none">• 4.4.1 (only MVN Link & Awinda)• 5.0.0 (only Xsens Link) <p>(NEW!) Xsens Link firmware:</p> <ul style="list-style-type: none">+ Hub v1.0.0, MTx3 v1.0.0+ Firmware Updater: 5.0.0 (Only Xsens Link)
Previous versions	<p>Xsens: 2025.2 (Oct 2025)</p> <p>Awinda firmware:</p> <ul style="list-style-type: none">• AW-A2 v4.14.0, AW-DNG2(-ANT) v4.14.0, MTw2 v4.14.0 <p>Link firmware:</p> <ul style="list-style-type: none">• BPACKv1 v1.6.3, BPACKv2 v1.6.3, MTx2 v1.6.3 <p>Firmware updater: 4.4.1</p>
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 WiFi 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 Tpose
- # Changes to a stream is 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
- # Biomech and body dimensions are not remembered since last recording
- # Xsens software gives a message that manus core is out-of-date
- # 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 – Wifi 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 – The hub is turned off during a live session the software can freeze
- # Xsens Link – The hub is turned on after turning it off in a live session the actor needs to be toggled before all 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