Xsens Motion Capture

Release notes
Xsens 2026.0

This document describes the new features, improvements, and bug fixes in the new release 2026.0 for Xsens software: Xsens Record, Analyze, Animate and Humanoid versions.

XSENS
a Movella™ brand

New versions	**Xsens: 2026.0 Stable (Jan 2026)**
	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
	Xsens Link firmware:
	• **Hub v1.2.1**, MTx3 v1.0.0
	Firmware updater:
	• 4.4.1 (Awinda, MVN Link)
	• 5.0 (Xsens Link)
Previous versions	**Xsens: 2025.4 (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
	Xsens Link firmware:
	• Hub v1.0.0, MTx3 v1.0.0
	Firmware updater:
	• 4.4.1 (Awinda, MVN Link)
	• 5.0 (Xsens Link)
Release date	Feb 2026
Operating system	Windows 11, 64-bit & **Linux (Ubuntu 24.04.4 LTS) (new)**

Xsens Humanoid:

(New) Linux compatibility

*The following functionalities are **not** available / supported.

- Integrations with Cometa, HTC vive, Delsys & Manus
- Export in C3D, FBX and MP4
- Soft Access point functionality
- AV timecode
- UDP remote control
- Streaming gloves

- Contact detection

Xsens Link:

- Updated LED patterns HUB
- Added a recording stop sound
- Power Management improvements
- Made calibration option unavailable while there are tracker(s) disconnected.
- Stability improvements in the communication between motion trackers and Hub
- Reduced flickering effect of LEDs when their colors change
- Improved Wi-Fi connection stability

Bugs fixed:

- Record license does not work.

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- \# Xsens software gives a message that manus core is out-of-date
- \# Linux – Pelvis 3d visualization sometimes does not show.
- \# 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
  - o 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 – Changes to the sensors or eSuit cables when the hub is turned on require the hub to restart