Xsens Motion Capture

Release notes

Xsens Link Firmware 1.14.3

This document describes the new features, improvements, and bug fixes in the new firmware release 1.14.3 for Xsens Link.

New versions	**Xsens Link Firmware 1.14.3**
	Xsens Link firmware: • **Hub v1.14.3, MTx3 v1.14.3**
Previous versions	**Xsens Link Firmware 1.14.2**
	Xsens Link firmware: • Hub v1.14.2, MTx3 v1.14.2
Release date	August 2026

This document describes the firmware update for the Xsens Link Hub addressing an issue where a narrow temperature operating window could cause the Hub to trigger overheating alerts or shut down during normal use. No other Xsens software or firmware is affected by this release.

Improvements:

- Xsens Link Hub – Updated thermal protection thresholds. The overheating alert temperature has been raised from 42°C to 43°C, and the emergency shut down temperature from 43°C to 48°C. This provides a more appropriate safety margin while reducing unnecessary alerts and shutdowns during normal operation.

Bug fixes:

Xsens Link Hub - Updated temperature sensor calibration. The parameters used to interpret readings from the hub's internal temperature sensor (NTC thermistor) have been corrected.

Usage recommendations:

Xsens Link – The RF pad between the Hub and eSuit is required when using the 5950-7115 MHz (6 GHz) Wi-Fi band. Outside the 6 GHz band, it is not needed and is best removed, as it slightly increases the Hub's operating temperature, especially in warm environments.

Known Issues

Carry forward unresolved items from the 1.14.2 release notes that still apply to Xsens Link.

Xsens Link – WPS is not supported when the router is set to enable 2.4 and 5.0 GHz simultaneously.
Xsens Link – Remote OBR functionality is not supported yet
Xsens Link – OBR mode for 60 or 120 Hz is not supported
Xsens Link – Internal battery is not charged by the external battery
Xsens Link – Changes to the sensors or eSuit cables when the hub is turned on require the hub to restart
Xsens Link – Hub cannot be powered off via Xsens SW when connected via USB-C (charging mode)