



Sept 2024

**xsens**

Release notes  
MVN 2024.2

## MVN 2024.2 release notes

<b>New versions</b>	<b>MVN: 2024.2 Stable (Apr 2024)</b> Awinda firmware: (unchanged) AW-A2 v4.6.0, AW-DNG2(-ANT) v4.6.0, MTw2 v4.6.0 Link firmware: <b>(changed)</b> <b>BPACKv1 v1.6.3, BPACKv2 v1.6.3, MTx2 v1.6.3</b> <b>FWU: 4.4.1 (changed)</b>
<b>Previous versions</b>	MVN: 2024.0 (Dec 2023) Awinda firmware: AW-A2 v4.6.0, AW-DNG2(-ANT) v4.6.0, MTw2 v4.6.0 Link firmware: BPACKv1 v1.6.1, BPACKv2 v1.6.1, MTx2 v1.6.1 FWU: 4.3.1
<b>Release date</b>	Apr 2024
<b>Operating system</b>	Windows 11, 64-bit
<b>Meaning of icons</b>	+added, ^changed, !note, #fixed, -removed

### 1. Introduction

This document describes the new features, improvements, and bug fixes in the new release 2024.2 for Xsens software: MVN Record, MVN Analyze Plus, MVN Analyze Pro, MVN Animate Plus and MVN Animate Pro

### 2. Major improvements and new features

- + Integration of HTC Vive Mars with MVN

### 3. Bug fixes

- # GNSS altitude data displays wrong unit in graphs
- # MTx2 Firmware error "Device not in bootloader when expected" is resolved

### 4. Minor Updates

- + Compliant with new UKCA Regulations
- + Minor bugs, Stability and Performance improvements

## 5. Known Issues

- ! On certain device types (Computers using USB hubs or with lower end specifications)
  - o MVN Vive Mars Objects | Changing objects name can cause MVN to crash
  - o MVN Vive | Assigning trackers to body segments can cause MVN to crash
- ! HTC Vive | When a Vive object moves out of range it can cause MVN to stop recording
- ! HTC Vive | If a single Vive tracker loses connection during recording the recording data file (mvno) may get lost.
- ! Vive Trackers | Graphs can freeze while using it in combination with Awinda
- ! MVN sometimes closes when PC goes into sleep mode
- ! Calibration lost after motion capture configuration window is opened