



November 2022

Xsens

Release notes MVN
2022.3 Beta

MVN 2022.3 Beta release notes

New versions	MVN: 2022.3 Beta (Nov 2022) Awinda firmware: (unchanged) AW-A2 v4.6.0, AW-DNG2(-ANT) v4.6.0, MTw2 v4.6.0 Link firmware: (unchanged) BPACKv1 v1.6.1, BPACKv2 v1.6.1, MTx2 v1.6.1 FWU: 4.3.1 (unchanged)
Previous versions	MVN: 2022.0.2 (Jun 2022) 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
Release date	November 2022
Operating system	Windows 10, 64-bit
Meaning of icons	+added, ^changed, !note, #fixed, -removed

1 Introduction

This document describes the new features, improvements, and bug fixes in the new release 2022.3 Beta for Xsens software: MVN Record, MVN Analyze Plus, MVN Analyze Pro, MVN Animate Plus and MVN Animate Pro.

2 Major improvements and new features

2.1 MVN

- + Support for Xsens Metagloves by Manus
 - (!) Manus SDK 2.0 update. Make sure to update to Manus Core to 2.0 when using MVN 2022.3 Beta (!)
- + Update Delsys SDK to 2.4.1.
- + Removed quota bar for MVN Reports

3 Bug fixes

3.1 MVN

- # Updated Spanish translations
- # Resolved MVN crashing after swapping trackers via OBR
- # Resolved BVH export formats in Japanese and Korean UI language
- # Resolved audio “pings” during- and the visual loading bar progress during calibration
- # Time code fix for 2 frames with the same time
- # Resolved MVN crashing after switching “Stretchsense gloves” to “No gloves”
- # Resolved MVN crashing after Importing OBR files with prop(s)

4 Minor updates

4.1 MVN

- + Changed legal entity in MVN from Xsens Technologies B.V. to Movella Technologies B.V.
- + Batch reprocessing: copying original files now also includes MVNX, MVNO, etc.
- + MVNX export will have only position and orientation of fingers set as default (no joint angles)

5 Known Issues

- ! File export with multiple actors with gloves might result in different export lengths for 1st actor/subject vs. 2nd actor/subject, etc.
- ! With streaming gloves (e.g. Stretchsense) the "hardware-status-panel" does not show "Gloves not OK" warning when no data is received. If gloves are fully configured, but data is interrupted, this warning also doesn't show.