December 2020

Release notes MVN 2020.2

MVN 2020.2 release notes

New versions	**MVN: 2020.2 (Dec 2020)**
	Awinda firmware: **(unchanged)**
	        AW-A2 v4.4.0, AW-DNG2 v4.4.0, MTw2 v4.4.0
	Link firmware:
	        BPACK v1.6.0, MTx2 v1.6.0, BPACKv2 **v1.6.0**
	FWU: 4.3.1

Previous versions	MVN: 2020.0.2 (Sept 2020) Awinda firmware: AW-A2 v4.4.0, AW-DNG2 v4.4.0, MTw2 v4.4.0 Link firmware: BPACK v1.2.0, BPACKv2 v1.2.0 MTx2 v1.2.0 FWU: 4.2.7
Release date	December 2020
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 of Xsens MVN Analyze/Animate 2020.2

NOTE: this release does require a firmware update of your MVN Link system.

2   Major improvements and new features

2.1 MVN

    + HTC Vive live position aiding added
    + HTC Vive live Object tracking added
    + support of BPv2 in MVN
    + Adjustable update rate for MVN Link
    + Network sync slave function
    + ROBR wireless download data
    + Data stream from StretchSense Glove
    + Live stream data in Matlab
    + EMG integration
    + Velocity and acceleration CoM
    + set body dimensions are mandatory at ROBR
    ^ Manus Prime II integration

2.2 Firmware

It is required to upgrade the firmware of the different components of your MVN Link to the latest versions to enjoy the latest features in MVN.
Download the Firmware Updater (FWU) from the Xsens website.

3   Bug fixes

3.1 MVN

 #   Changing suit config changes mouse to a text cursor
 #   Fixing uninstalls
 #   Fix on Batch reprocessing, with empty MVN files
 #   Exporter options are translated
 #   Files creation no longer creates delay in the start of a recording
 #   Checkboxes in splash screen now have same behaviour
 #   Battery life of link now updated during recordings
 #   MVN in Japanese can now find mvna files again
 #   Video file now immediately synced
 #   Fixed stepped data in Manus + MVN export
 #   Fixed using CTRL + Z in contact editing

4   Minor updates

4.1 MVN

BPv2 support
Recording start/stop delays added for all licenses
MVN can be used without license, recording only license
Delsys EMG support
MVN + EMG excel exporter added
Smoothing filter add for object tracking
Objects can be measured without connecting a MVN system
ROBR UI updated
StretchSense support
EULA add to copy to clipboard in the About Xsens window
Vive floor calibration
Cometa EMG support
Unity stream option renamed to Unity (legacy)
HTC HMD can be used as position aiding
HTC controller can be used as position aiding
Up to 5 position aiding devices to 1 subject/actor
Ergonomics joint angles in network streamer

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5 Known Issues

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