Xsens Motion Capture
MVN Analyze Software Options

	MVN Record	MVN Analyze Plus	MVN Analyze Pro
Record MVN files	✓	✓	✓
Replay recorded files	✓	✓	✓
Xsens HD Reprocessing Engine data quality	Enabled through MotionCloud subscription	Enabled through MotionCloud subscription	✓
Xsens Live Engine data quality	✓	✓	✓
Full magnetic immunity	✓	✓	✓
Number of subjects supported	1 Subject	Up to 2 Subjects	Multiple (max. 4) (unlimited with on-body recording)
Upload files to Xsens MotionCloud	✓	✓	✓
Calculation of Joint angles & Centre of Mass	✗	✗	✓
Exporting	Enabled through MotionCloud subscription Formats: MVNX (position/orientation), FBX, BVH	Enabled through MotionCloud subscription Formats: MVNX (position/orientation), FBX, BVH	Available in software Formats: MVNX, FBX, BVH, C3D, XLSX, MP4 (movie)
Finger tracking	Manus and Xsens Metagloves by Manus	✓	✓
Live streaming: - Quaternian & Euler - Position & Orientation - Virtual optical marker set	✗	Unity 3D, Unreal Engin, MATLAB, Siemens, Dassault, BoB	Unity 3D, Unreal Engin, MATLAB, Siemens, Dassault, BoB
Extended live streaming: - Joint angles - Acceleration	✗	Biomechanics	Biomechanics
Stream recorded files	✗	✓	✓

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	MVN Record	MVN Analyze Plus	MVN Analyze Pro
Plug-ins and 3rd party compatibility	✗	MATLAB, Delsys Trigno EMG, Cometa EMG, Unreal Engine, Unity 3D	MATLAB, Delsys Trigno EMG, Cometa EMG, Unreal Engine, Unity 3D
Remote control	✗	✓	✓
Reference camera	✗	Webcam & MVN Remote App	Webcam & MVN Remote App
Soft Access Point	✗	✓	✓
Live graphs	✗	✗	✓
EMG integration	✗	✗	✓
3D Positional Aiding with HTC Vive	✗	✗	✓
3D Positional Aiding with GNSS (GPS)	✗	✗	✓
Network sync	✗	✗	✓
Time code	✗	✗	✓
On-body Recording (OBR)	✗	✗	✓
Remote On-body Recording	✗	✗	✓
Suit configuration: full body, lower body, upper body lower body plus sternum	✓	✓	✓
Scenarios	· Single level · Multi level · No level	· Single level · Multi level · No level	✓

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