

## MVN Reports

### Movement assessments on the spot



#### Understandable

Fast and accurate data analytics and reporting in an easy-to-use format.



#### Meaningful

Highly accurate results, helping you perform precise and objective assessments quickly and easily.



#### Usable

Fully standardized reports with application-specific data produced in minutes.

# BRINGING MEANING TO MOVEMENT



### Rehabilitation & Injury prevention reports: Gait analysis

- General parameters like steps, cadence, and distance
- Spatial parameters
- Temporal parameters
- Joint angles, center of mass, and acceleration
- Gait graphs visualization
- Automatic gait cycle detection
- 3D visualization of recording



### Ergonomics reports: RULA, REBA, Adjustable ergonomics

- Automated calculation for every frame
- Export data from a specific frame
- Arm and wrist analysis
- Neck, trunk, and leg analysis
- RULA score and risk factor
- Specifying load, support, and muscle use
- 3D visualization of recording



The measurement and analysis of movement is helping people everywhere. Artists delight the public with innovative forms of entertainment. Athletes becoming their best selves and patients removing barriers to movement. And industries—from mobility to robotics—introduce new and efficient positioning and orientation applications. All enabled by Movella's advancements in sensing, capturing, and analyzing movement.

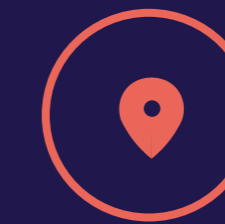
# Movella

## MOTION CAPTURE FOR HEALTH, SPORTS, RESEARCH AND EDUCATION



### LAB QUALITY DATA IN FIELD CONDITIONS

Professionals around the globe are leveraging Xsens motion capture systems to transform movement data into insights that improve well-being, enhance performance and revolutionize research. Our cutting-edge system accurately captures full 3D motions - from those subtle twitches all the way up through dynamic movements. Tested in a variety of biomechanical settings, it delivers reliable results every time so you can trust your data is dependable



#### Easy to use, anywhere

Use Xsens Motion Capture solutions everywhere and get lab-quality data in the field. The system with intuitive interface is easy to set up, calibrate and modify. It helps you to focus on what is important in your work.



#### Accurate data

Experience the benefits of full magnetic immunity in all conditions. Our proven biomechanical model and sensor fusion algorithms ensure the highest quality motion analysis even in the most challenging magnetically disturbed environments.



#### Reliable data

Xsens Motion capture solutions offer validated, peer-reviewed data and features integrations with all market leading software packages, offering you the highest quality in motion capture and human movement data analysis.

Looking for more information about MVN Reports? Go to our website or download our whitepapers at [www.movella.com](http://www.movella.com).



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