Xsens MVN
MVN Analyze

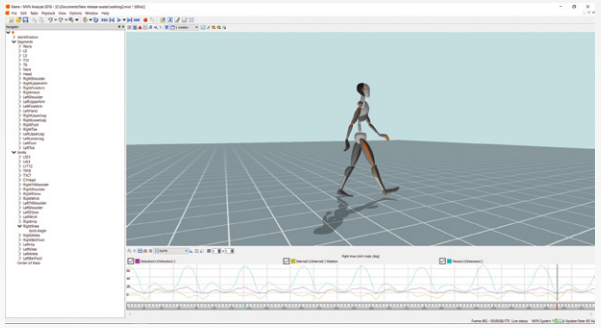
Motion Analysis for Human Motion Measurement

Xsens MVN (Hardware)

MVN Link		MVN Awinda
Lycra suit	**Version**	Strap-based
17 wired trackers	**Trackers**	17 wireless trackers
Validated & proven	**Data**	Validated & proven
Fast	**Setup**	Even faster
20 ms	**Latency**	30 ms
One Access Point for multiple persons	**Data link**	One Awinda station per person
One battery	**Battery management**	17 batteries
10 hours	**Battery life**	6 hours
	Wireless range:	
50 m / 150 ft	**In the lab**	20 m / 60 ft
150 m / 450 ft	**Outdoor**	50 m / 150 ft
2.10 min	**On-body buffering**	1 min
1000 Hz	**Internal update rate**	1000 Hz
240 Hz	**Output rate**	60 Hz

MVN Analyze (Software)

Feature	MVN Analyze
Multi Person	Yes
Network Streamer (for plug-ins)	Yes, all major analysis packages
Advanced Configurations	Yes
Advanced Scenarios	Yes
Reference Camera support	Yes
Export as movie	Yes
Time code & remote control	Yes



Analyze Engine

Real-time solver	Yes
Offline solver	Yes

Unless stated otherwise, all specifications are typical. Specifications subject to change without notice. © Xsens, 2017.