



Motion capture

With on-body MEMS sensors

Casper Peeters, CEO




About Xsens

3D motion tracking innovation



Gyro,
acc



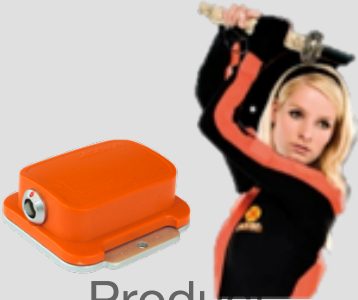
Mag, baro,
vision, ...



UWB RF,
GNSS, ...



**Sensor
Fusion
Software**



Product
supply



IP Licensing



Motion capture



Saatchi & Saatchi commercial,
created by unexpected



Why on-body MEMS sensors?





'Freedom of movement'





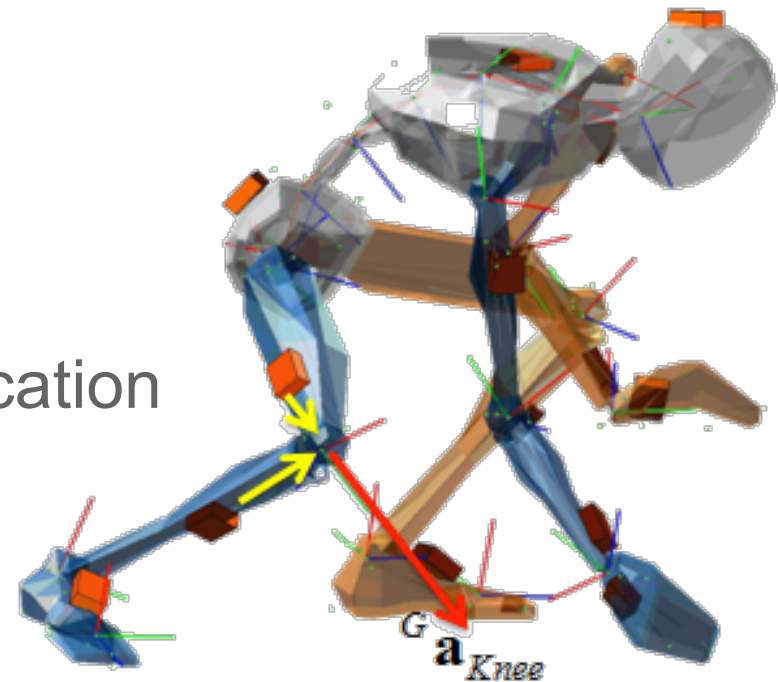
Xsens MVN





Xsens MVN

- 17 on-body MEMS motion sensor modules
- Each module containing
 - 3D gyroscope
 - 3D accelerometer
 - 3D magnetometer
- Biomechanical model
- Real-time, wireless communication





Xsens MVN

- Easy to use system
- Clean motion capture data, immediately available
- Unlimited capture volume



DJ Skrillex



Landon Donovan, EA Sports, FIFA 2010



And now...

Tech preview with consumer grade sensors





The future

Your body as gaming interface

Healthcare at home

Sports coach feedback

Convergence between gaming and exercise ('Exergaming')

Share sports performance via social media

Outdoor game play

Thank You

