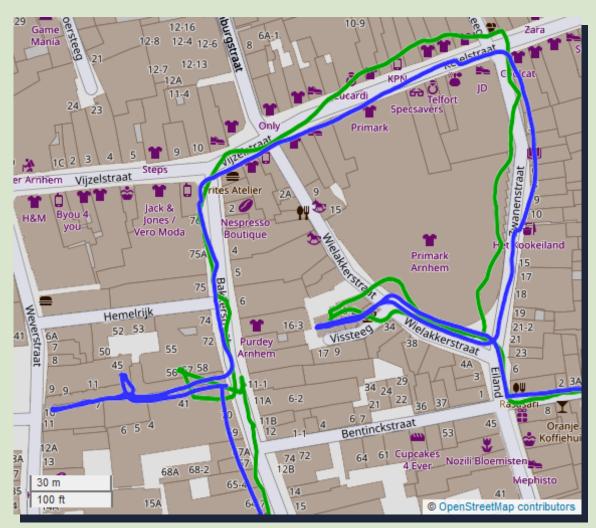# City Centre Positioning



Walk in city, surrounded by tall buildings.

OpenStreetMap https://www.openstreetmap.org/copyright

—— Fusion track          —— GPS track

## Pedestrian Navigation

- Improved location accuracy with motion sensor
- Eliminates inaccurate location fixes in the city
- Compensates for GPS "drop outs" inside buildings
- High position update rate for a smooth visualization on the map, while you walk

Picture:  Tracks from CiMotion software on Android phone. Android v4.4 or higher,  build-in motion sensors and Android location service.

## Technology

- CiMotion software is available both as libraries and apps
- Motion Engine provides context information based on motion sensor inputs
- Electronic Compass. Calibration software for navigation grade accuracy
- Pedestrian Dead-Reckoning (PDR) navigation
- Fusion Engine optimises the navigation experience

Contact:

## Consult in Motion
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