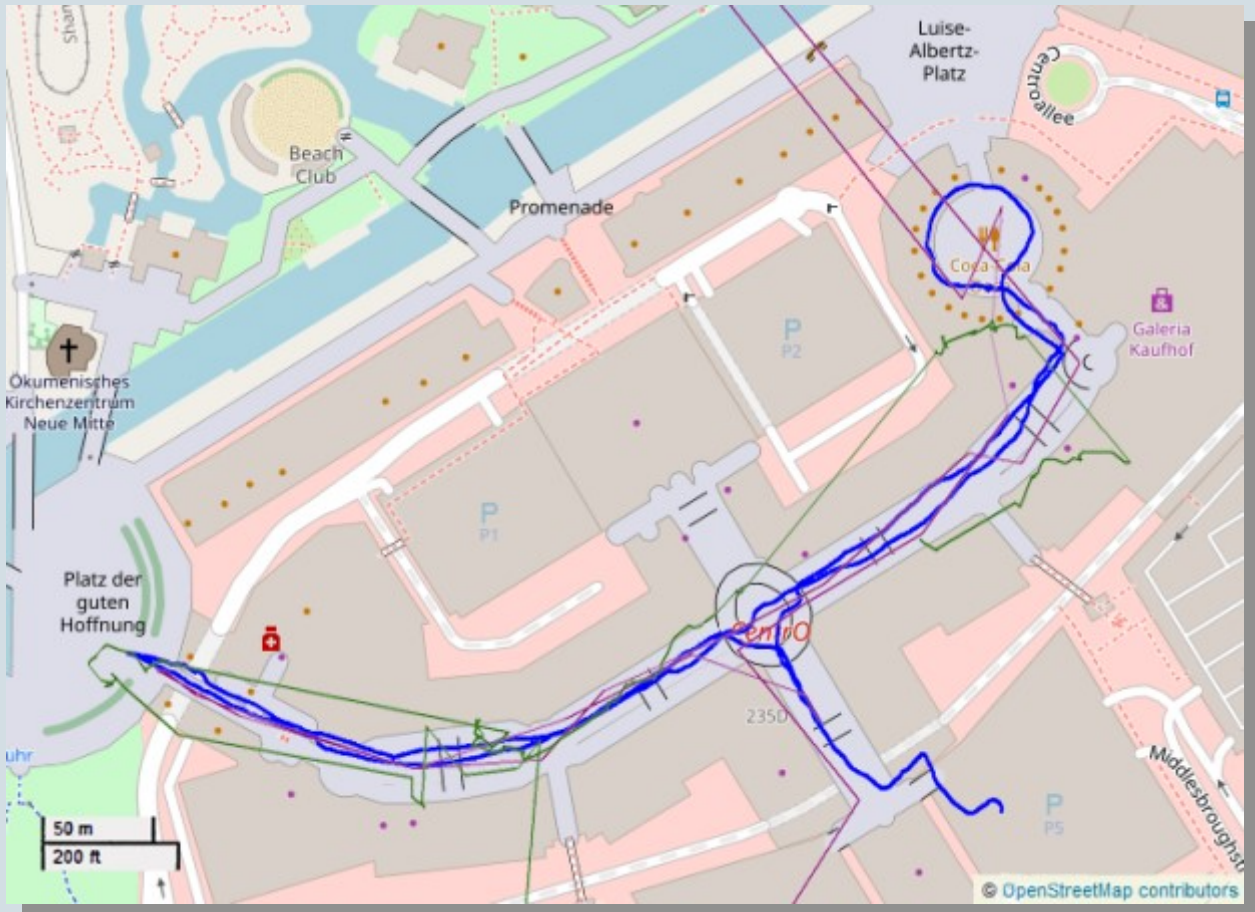


Urban & Indoor Positioning



Walk in Centr'Ó shopping mall, Oberhausen DE.

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

— Fusion track
 — GPS track
 — Network based position service

CiMotion Fusion

- Motion Sensor Based Navigation
- Pedestrian Dead-Reckoning, PDR
- Network and Wifi based location fixes
- Fusion: PDR, GPS, Network and context
- Smooth and accurate position information
- True real-time user experience

Location:
latitude, longitude 51.480, 6.879 (decimal degrees)

Technology

- A core technology in the CiMotion software is the Fusion Engine
- The Fusion Engine combines all available information to enhance navigation accuracy, at anytime
- The Motion Engine, and motion sensors, provides the essential context information for an effective fusion process
- Motion Sensor Based Navigation, also called Pedestrian Dead-Reckoning or PDR, can provide position at any location. Works infrastructure less.

Contact:

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