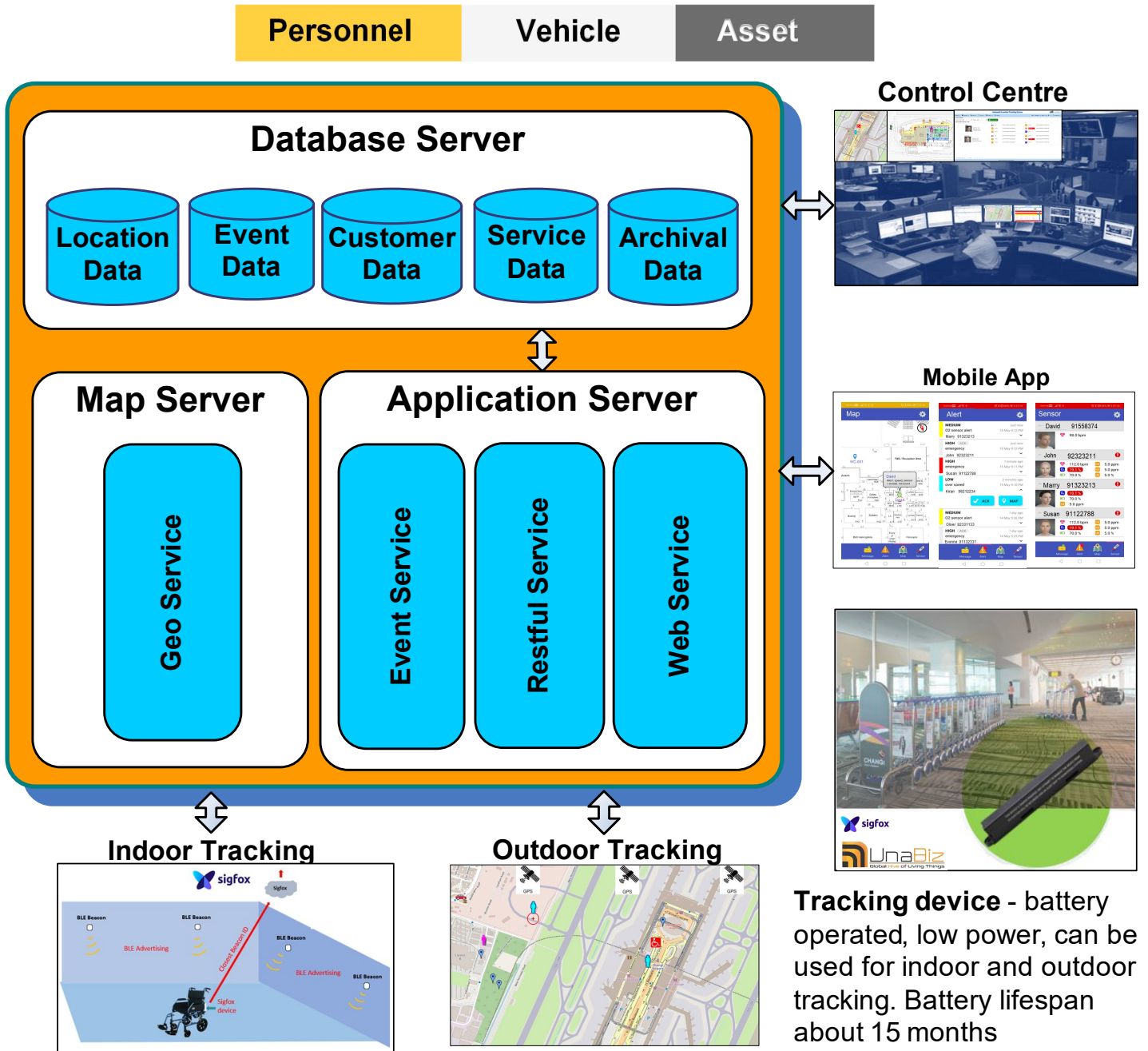


Automatic Location Tracking System



Overview

Seamless Outdoor & Indoor tracking of devices / device groups along with sensor monitoring for public security, safety and operation staff, where a device can be associated with a personnel, vehicle or asset. Secure & reliable positioning using technologies such as: GPS | Wi-Fi | BLE | RFID | UWB.

Flexible rule-based real-time alert generation & notification.

Extensive reports allowing key data to be examined in a variety of formats.

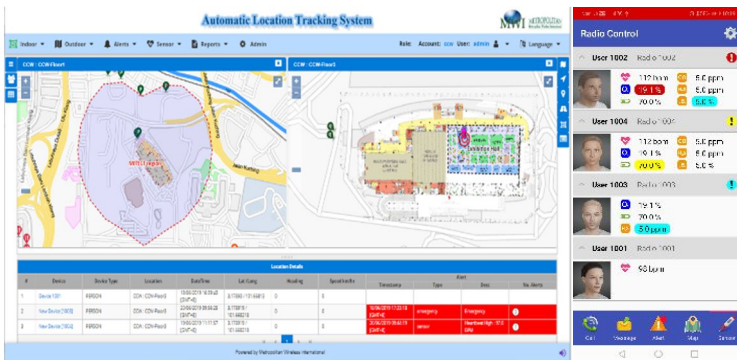


Automatic Location Tracking System

Features

Map

- Select & track outdoor/indoor device(s) on map
- Pan/zoom map, show device details, distance calculator, etc
- Show Geozones
- Replay position
- Adopt technology for different accuracy (e.g. using GPS, iBeacon, WiFi etc).
- Support different type of maps (e.g. ESRI shape, Geotiff, Geo & PostGIS database, Google map & Openstreet map)
- Support indoor tracking using BLE trilateration technique similar to GPS

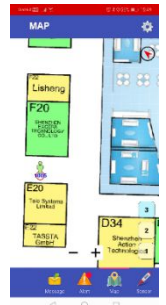


Alert

- Alert for abnormal activities (e.g. emergency, geo-fencing, sensor etc) can be highlighted on map and notified via SMS and email
- Query of historical alert

Administration

- User Account
- Role & Access Control
- Personnel, Vehicle & Asset
- Rule-based Alert



Geo-fencing

- Geozones can be created to track devices inside / outside geozones
- Alert rules can be created with combination of multiple geozones

Point-of-Interest (POI)

- To add wayside points in database so that they can be displayed on Map

Reports

- Device/Group Event Detail Report & Group Last Location Summary Report

Language Support

- English; others languages are offered as options

Existing Clients

- Police Force, Military Personnel, Security Agencies, Telco Operators, Civil Defence Personnel

Key Benefits

- ALTS can be used to track personnel and assets both indoors and outdoors with low set up cost for indoor tracking
- Tracking of assets so that the assets can be found quickly
- Track usage data for maintenance and optimisation purpose
- Moving the assets to the location to where there is high demand
- Alerts based on location or based on sensor data
- Can interface to low cost and low bandwidth networks e.g. Sigfox



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