

TRACKING

Locate your luggage anywhere, at any time



INDUSTRY: Travel & Lifestyle

YEAR: 2017

THE CHALLENGE

Develop a tracking system that executes accurate triangulation and provides precise location data, even where GSM signal is weak.

THE SOLUTION

We designed, developed and implemented a brand new tracking device performing wifi-based triangulation.

The device:

- Locates items by connecting to the nearest wifi hotspots;
- Sends the exact position to the paired mobile device;
- Allows users to track all the item's movements;
- Allow users to set location-based alarms;
- Can be programmed to be switched of under specific circumstances.

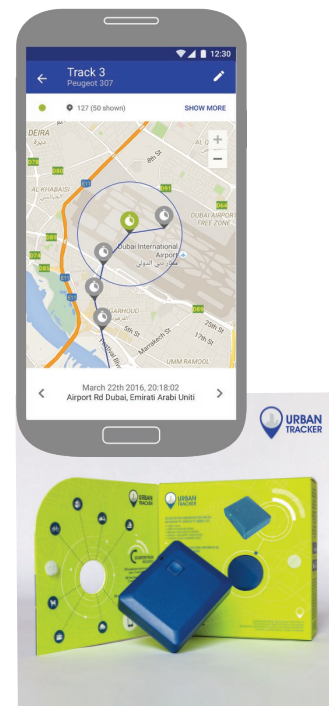
More information at www.urbantracker.com

TECHNICAL SHEET

- Wifi-based triangulation
- Dedicated firmware enabling management of all local functionalities;
- GPS, six-axis' accelerometer, WiFi included in the device hardware
- Communication implemented via GSM (SIM on CHIP)
- Implementation of different operational states to optimize power consumption
- Back-end integration, offloading the most processing-intensive operations
- Back-end functionalities enabling management of device activation and configuration.

THE RESULTS

Presented at Pitti Uomo 2017.



Stetel is an Italian company developing mobile apps and software enabling the Internet of Things and Rich Communications.