



Assets tracking based on GPS and mobile cell



Possible applications

- Asset tracking
- Special pallet tracking
- Vehicle tracking
- Tracking valuable devices (e.g. generator, mobile ultrasound, copier)

Overview

The NaBi can detect the movements of a vehicle or any object with the help of its vibration and acceleration sensors. The device is capable of recording the exact GPS coordinates at the beginning and the end of the movement. Therefore, the NaBi helps with the logistical tracking of any asset from one stop to another (Figure 1).

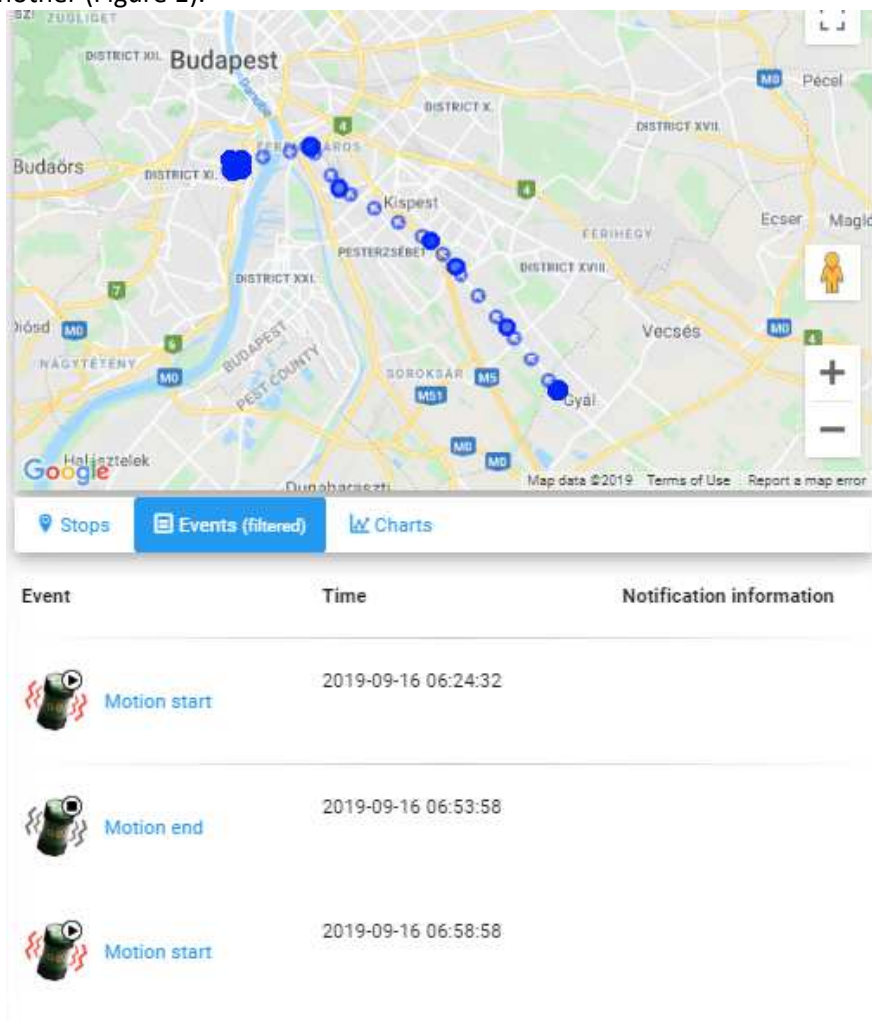


Figure 1: The coordinates of every stop shown on the map



The operating and standby conditions are individually configurable by setting time windows and the strength of the vibration to be measured. This function enables what can be considered as a continuous movement or a movement outage, depending on the length and strength of the vibration.



In case of departures and stops, recording GPS coordinates and setting notifications or alerts (email, push notification) are configurable.



The movements and the standby stages can be seen on the map with the exact, real-time position of the vehicle. The data can be downloaded in Excel format or it can be automatically uploaded to different IT systems via standard HTTP API. In confined spaces where GPS reception is inadequate, the device can still track assets with the mobile cellular system, only a bit less precisely.

Find out more about the possible applications of the device – like temperature monitoring or hour metering - on the <https://www.nabitrack.com#applications> website. The functions based on different sensors can be used together or separately. For instance, the real-time temperature and location of refrigerated goods can be tracked simultaneously.