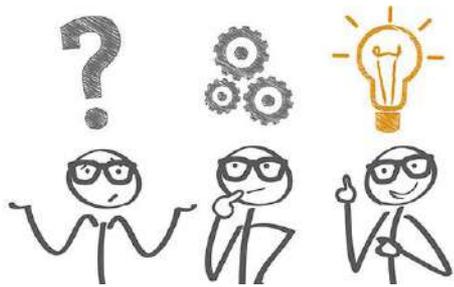


Fleet2Track indoor

THE PROBLEM



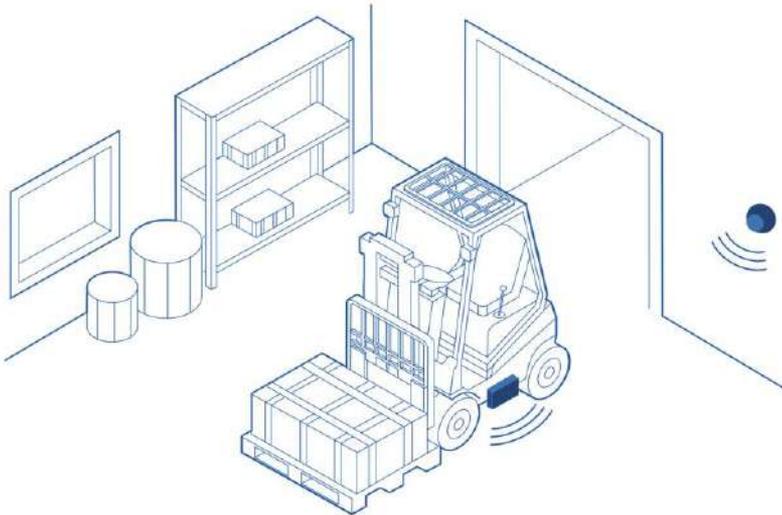
- Within large buildings such as warehouses, shopping malls, supermarkets, fairs, exhibition centers, airports, hospitals, complex public transport hubs, a significant amount of time can be spent managing and finding people and goods.
- Organizing and optimizing these boring daily routines in a new way using modern technologies would save the company money and time, improving customer service and ROI. Furthermore, with a support platform, companies can get a real-time overview of all the resources registered on the map to manage all assets.

THE SOLUTION

Thanks to rapidly developing and competing technologies, indoor tracking can be achieved in various ways: by adopting Bluetooth Low Energy 4.0 (BLE), Wi-Fi, Near Field Communication (NFC), Ultra-Wideband (UWB), Radio-Frequency Identification (UHF RFID), etc.

Using Bluetooth connectivity you have a low cost, high energy efficiency and accuracy, it works independently of the network and has less interference, it's easy to install, distribute and integrate into the existing Bluetooth ecosystem.

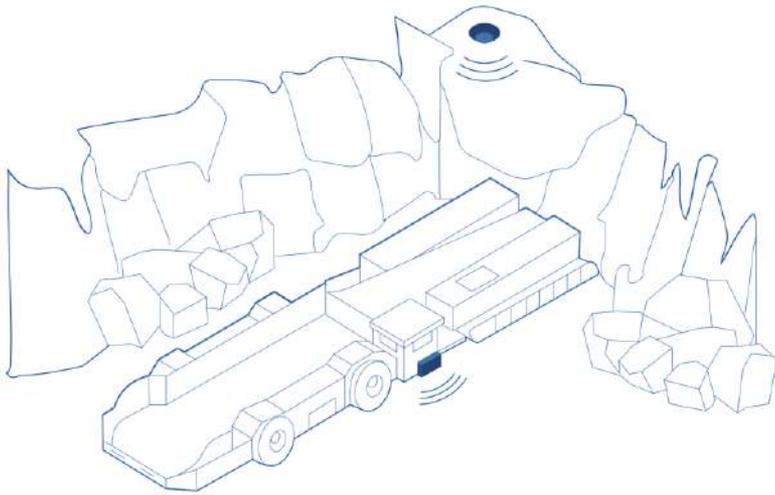
SOME USAGE SCENARIOS



This scenario guarantees internal positioning in warehouses that tracks goods, vehicles (for example forklifts, etc.) and employees, in real time, with a view to anti-theft, accident prevention and internal navigation. Moreover, the solution can be conveniently integrated with BLE sensors such as temperature and/or humidity to provide the right conditions and to prevent damage to goods, products and structure themselves.

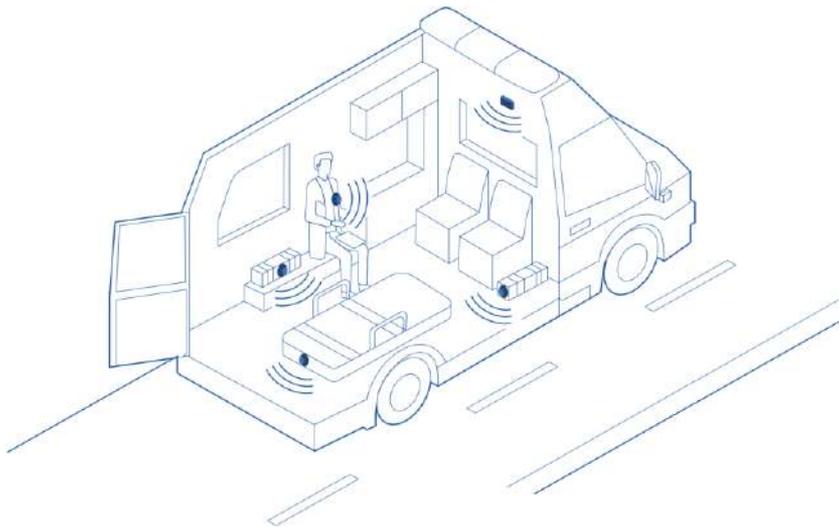
In this scenario the vehicle is equipped with BLE antenna, so as to be able to receive the signal from the Beacon placed inside the room

SOME USAGE SCENARIOS



Similarly to the previous scenario, the BLE antennas are installed in industrial vehicles (dumpers, excavators, various loaders, bulldozers, etc.) and the Beacon in the various work areas. When the machines enter the area, the position of the vehicle is detected.

SOME USAGE SCENARIOS



Another interesting scenario is the possibility of tracing border objects.

In this way internal tracking always guarantees the presence of the necessary equipment.