

ThingPark IoT Solutions



Seamless indoor & outdoor tracking for asset management and people safety

Custom-fit hybrid IoT tracking solution that works everywhere.

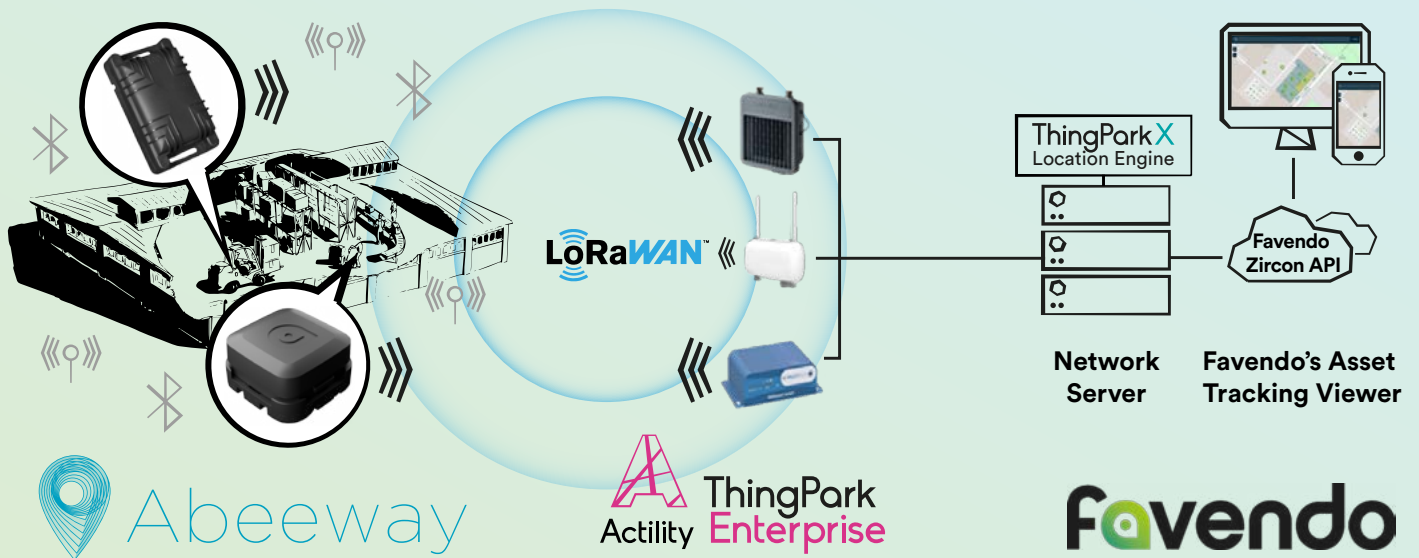
Activity & Favendo's IoT tracking solution offers a unique and **complete answer to your location tracking needs** as it provides both **indoor and outdoor tracking** for **people and assets** in various industries. Designed to increase **business productivity**, **reduce search times**, **improve processes** in general and **increase employee safety**, this end-to-end IoT solution combines the **strengths of both wireless technologies** (LoRaWAN® & BLE) and provides you with the required hardware, software as well as the **installation and roll-out service**.

Favendo

 Abeeway

 Activity

Track objects and people indoors and outdoors with LoRaWAN® and a combination of GPS and BLE geolocation technologies:

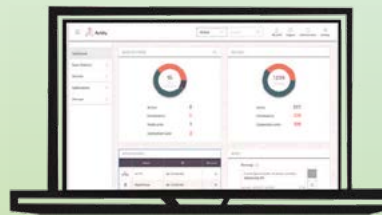


Abeeway Multi-Mode Tracking Devices



Abeeway multimode trackers are used for tracking moving assets. Indoors, they work with the signals sent out by BLE beacons installed stationary in your premises. When used outdoors, the trackers transmit their data via LoRaWAN®. They are even suitable for hazardous areas such as mines or construction sites, as all trackers are ATEX certified.

ThingPark Enterprise LoRaWAN® connectivity infrastructure by Actility



The signals from the beacons and Abeeway trackers are transmitted via a low-power LoRaWAN® connection through the gateway to the LoRaWAN® network server. Once the sensor data has traversed the LoRaWAN® gateway network, the position of the trackers is processed by the ThingPark Location Engine and retrieved via Favendo's Zircon API.

Favendo API & Favendo Asset Tracking Viewer



Favendo's open API feeds the resolved location data into Favendo's Asset Tracking Viewer, which displays your located assets. The ATV is an easy-to-use front-end solution that helps you search and locate assets indoors and outdoors, regardless of any system or software. Thanks to this open API, the location data can also be integrated with any 3rd party application.



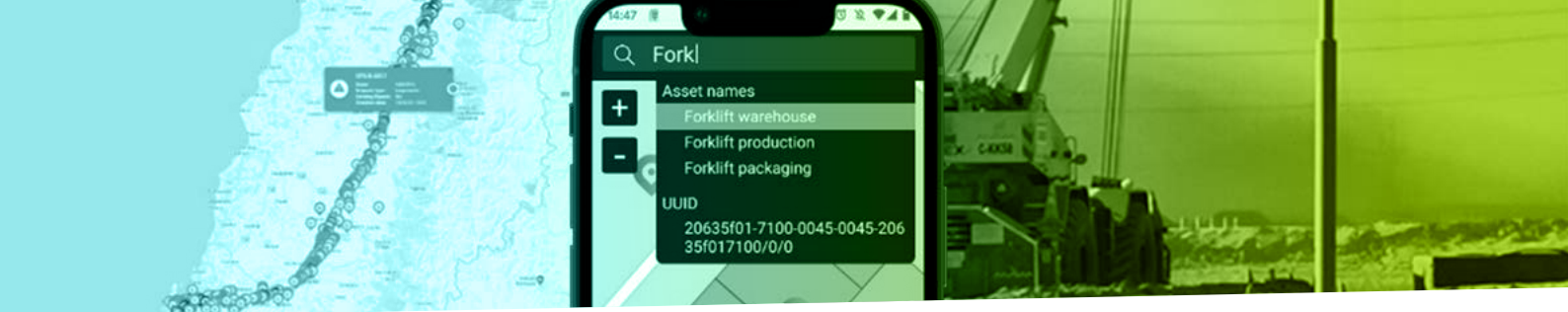
Optimize productivity and improve operational efficiency.



Use near real-time location tracking to improve expensive search times.



Increase the safety of (lone) workers with location tracking, e.g. in case of an accident.



Key features:



Increased Productivity: Reduce search times and enhance effectivity by having a permanent overview of all available assets and their location – both indoors and outdoors.



Flexible & independent: Monitor any type of asset: machines, tools, raw material or people with the most appropriate tracker and get all location data centralized in the Asset Tracking Viewer. The ATV is accessible via your browser, independent from any system or program you might possess.



ATEX-certified devices: The location tracking devices are all ATEX certified, and work reliably in hazardous, explosive, electromagnetic or architecturally difficult environments. Particularly advantageous for use in mining or on construction sites for example.



Easy usage: Available cloud-based or on request also on-premises. This IoT solution provides the entire IoT value chain and is therefore free of any interoperability issues between components.



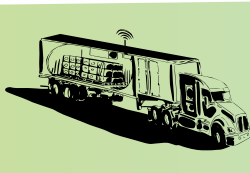
Versatile: The location tracking fits companies of any kind of industry: manufacturing, mining, construction, etc. Thanks to its reliable and accurate location data our wireless IoT solution can be easily adapted to various use cases in several industries.

Use cases:

This end-to-end multi-vendor location tracking solution is designed to deliver reliable location data for complex indoor and outdoor use cases or hazardous environments. It provides you with near real-time data on the location of your machines, tools or employees. This unique, custom-fit IoT tracking solution is best used in these cases:



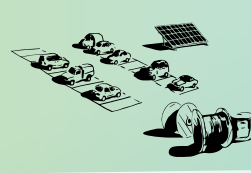
Open Pit/
Underground Mining



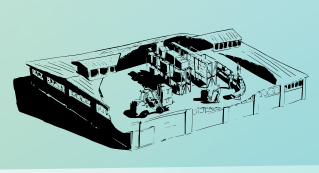
Resource
Tracking



Employee
Safety



Theft
Prevention



Add on for
Warehouse logistics

Build your IoT Solution with us!

Contact Actility or Favendo for a customized proposal for your use case.

