



# G-SMART

## GSE TRACKING SYSTEM

G-smart is the tracking system dedicated to ground and terminal support equipments. Depending on the application scenario, the system combines different technologies to create the most performing solution.



## G-SMART AT THE AIRPORT

- Tracking and localization
- Equipments data management
- Recognition of transit in forbidden areas
- Real-time availability of the equipments
- Usage trends of the equipments
- Detection of passage through a gate
- Tabular and map view of data
- Detection of the presence of a moving aircraft on the apron

## FEATURES

- Hybrid system
- Web based platform
- Push notification system for iOS and Android
- Automatic reports
- Customizable application software
- User-friendly interface
- Settable warning alerts



## SOFTWARE FEATURES

The data collected on the equipments are analyzed by a highly customizable software that makes them available for technical users through an easy-to-use web-based interface. The data is immediately and easily consultable in real-time on a georeferenced map flanked by an easy-to-read dashboard. The analysis and reporting modules offer a series of statistics, graphs and pre-established reports which can be combined with customized ones, all of which can be exported in the most common formats



## SUPPORTED TECHNOLOGIES

- RFID: Radio Frequency Identification
- BLE: Smart Bluetooth Low Energy
- ADSB: Automatic Broadcast Surveillance – Mode B system
- GSM/GPS: Global System for Mobile Communication/Global Positioning System

## SOME APPLICATIONS

- Monitoring and check of the correct allocation of baggage on the trolleys and their transport
- Vehicle and pedestrian access control
- Details on the number of baggage trolleys in the storage bays
- Wheelchair tracking and localization
- Operating vehicles and drivers' identification
- Safety on the apron
- Fast and safe access for external emergency vehicles
- Reporting of the time spent by vehicles within the hubs of the various carriers
- Co2 emissions from non-electric vehicles