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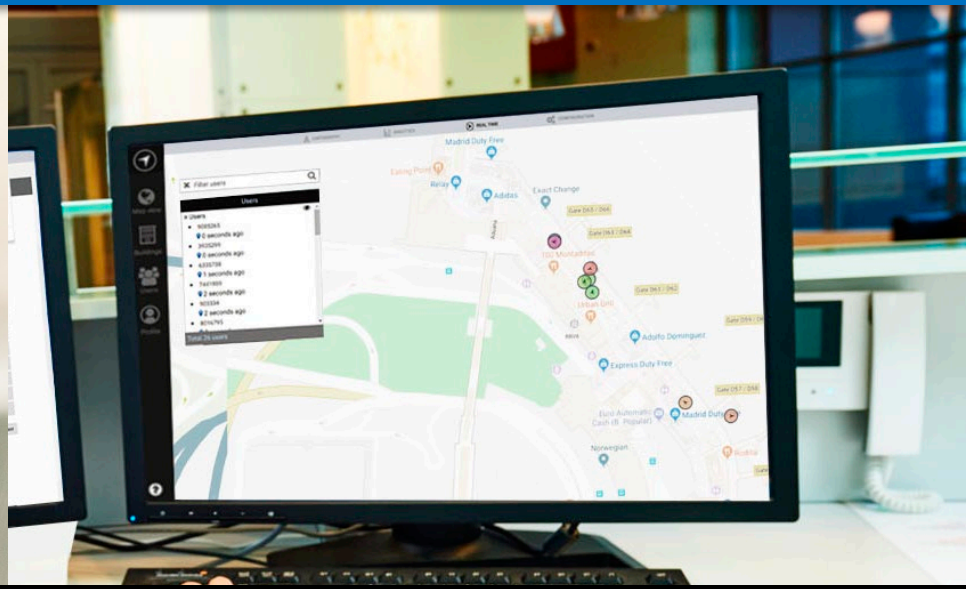

# Situm IPS

The platform for indoor tracking and guidance with just an smartphone

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# Improve services and optimice processes

Situm IPS is a multipurpose platform
to develop APP´s with wayfinding for visitors, passengers and shoppers
and solutions to track and monitor workforces and assets.

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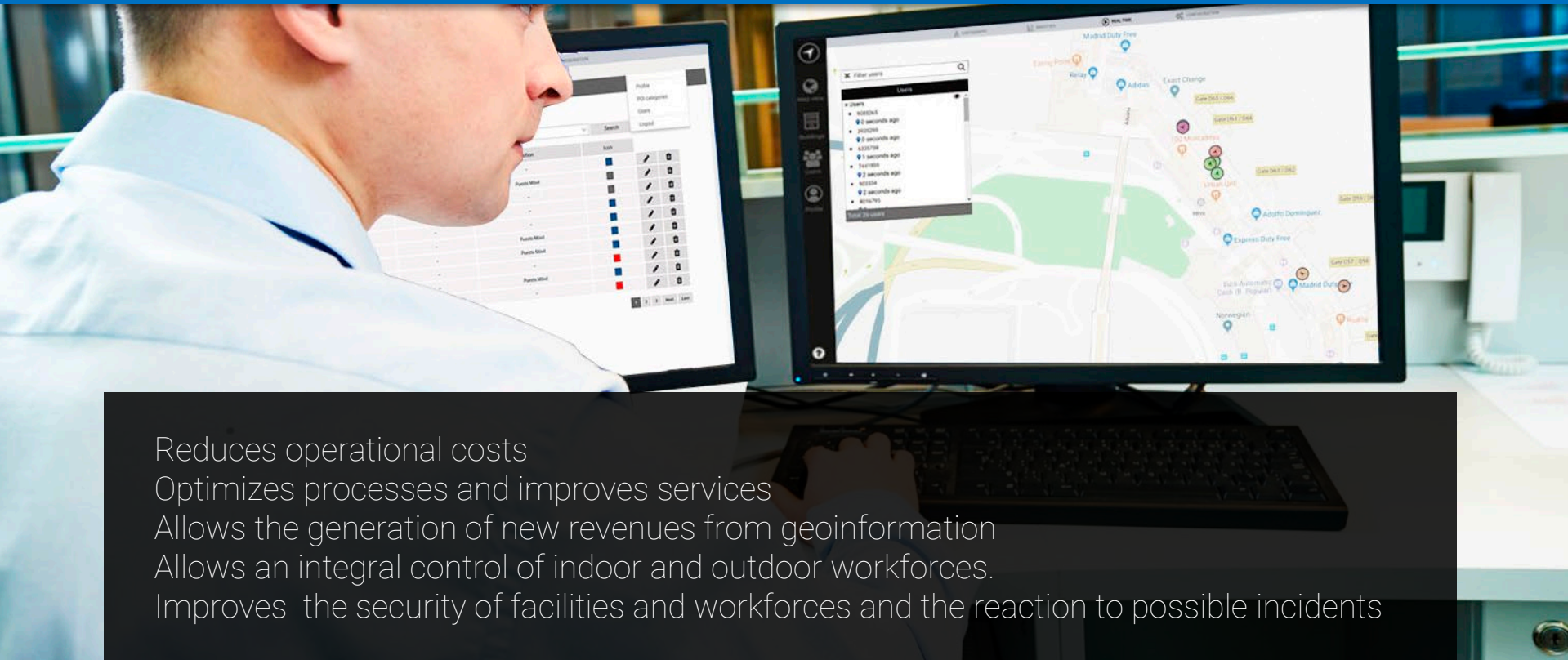
# Benefits



Reduces operational costs
Optimizes processes and improves services
Allows the generation of new revenues from geoinformation
Allows an integral control of indoor and outdoor workforces.
Improves  the security of facilities and workforces and the reaction to possible incidents

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# Components of the solution

**Dashboard**
To upload & configurate building maps

**Mapping Tool**
To obtain geoinformation of uploaded buildings for its navigation

DEVELOPMENT TOOLS

situm WYF

**WYF Module**
Easy integration of wayfinding in APPs

situm SDK

**SDK**
To integrate / develop APP with location functionalities

situm API

**Rest API**
To integrate geoinformation in 3rd party solutions

RTLS
Real Time Location Service

**Wayfinding**

**Tracking**

MRM Platform (Optional)
Ready to use Resource Management Platform

situm MRM

**Dashboard**
Real time visualization, analytics & configuration

situm API

**Rest API**
for 3rd party business or analytics solutions

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# Real Time Location Service

The core technology of Situm IPS is an unique algorithm developed during ten years to provide indoor positioning by an smartphone, with high precision, minimal infrastructure and  fast deployment.

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# Real Time Location Service / How it works

Existing signals
in environment

Existing inertial sensors
in smartphone

AI algorithm

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Multi-signal
smart location

Indoor Positioning

Highest precision
Minimal infrastructure

Wayfinding

Tracking

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# Real Time Location Service / Features

Highest Precision

1 - 5 meters

Works Offline

Compatibility

Minimal Infrastructure

Battery efficent

In-pocket location

Automatic Floor Detection

No hardware required

Lowest set up cost

Fastest Deployment

Non Intrusive

No Manteinance

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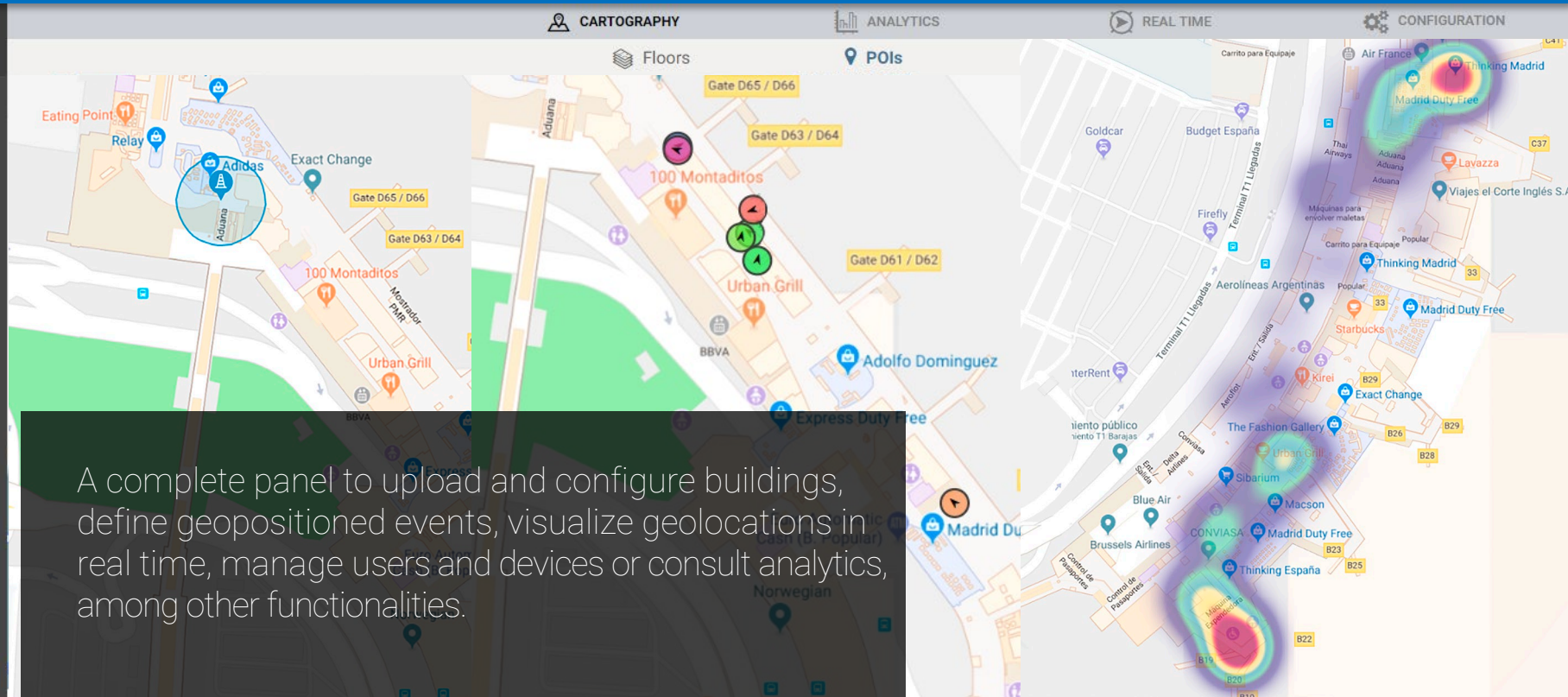
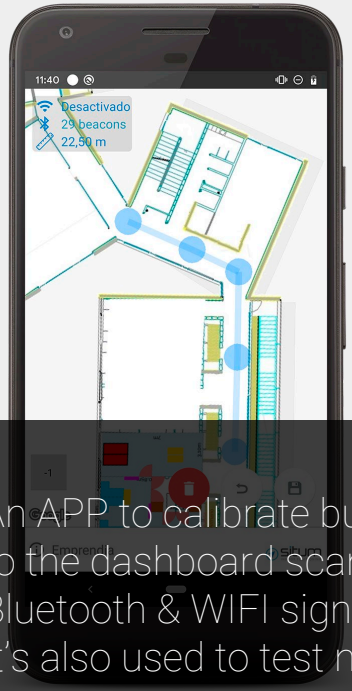
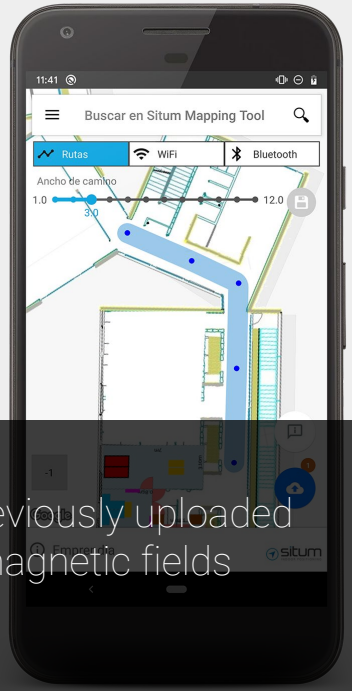
# Dashboard




A complete panel to upload and configure buildings, define geopositioned events, visualize geolocations in real time, manage users and devices or consult analytics, among other functionalities.

# Situm Mapping Tool



An APP to calibrate buildings previously uploaded to the dashboard scanning its magnetic fields Bluetooth & WIFI signals.
It's also used to test navigation.

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# SDK

To integrate location in an APP designing your own navigation interface. Among other capabilities, allows to:

- Obtain information related to cartography
- Retrieve the location of the smartphone
- Compute a route from location detected to point B
- Trigger notifications when a user enters into an area.

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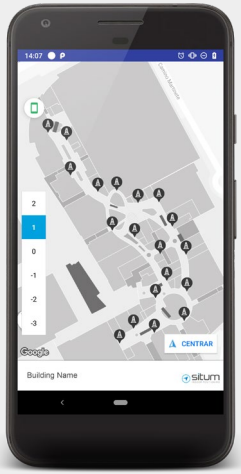
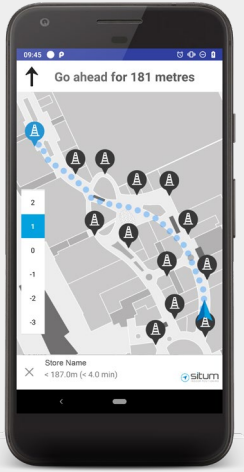
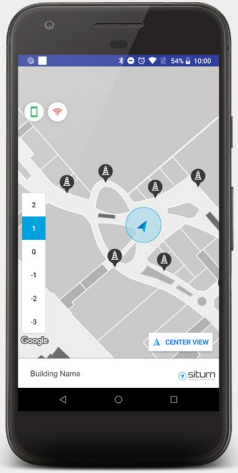
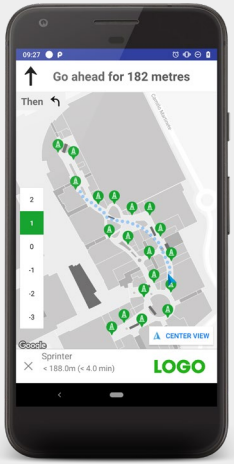
# WYF Module




For an easy integration of navigation and location in your APP
through a library with visual components related to cartography, navigation,
events and aesthetics customizations.

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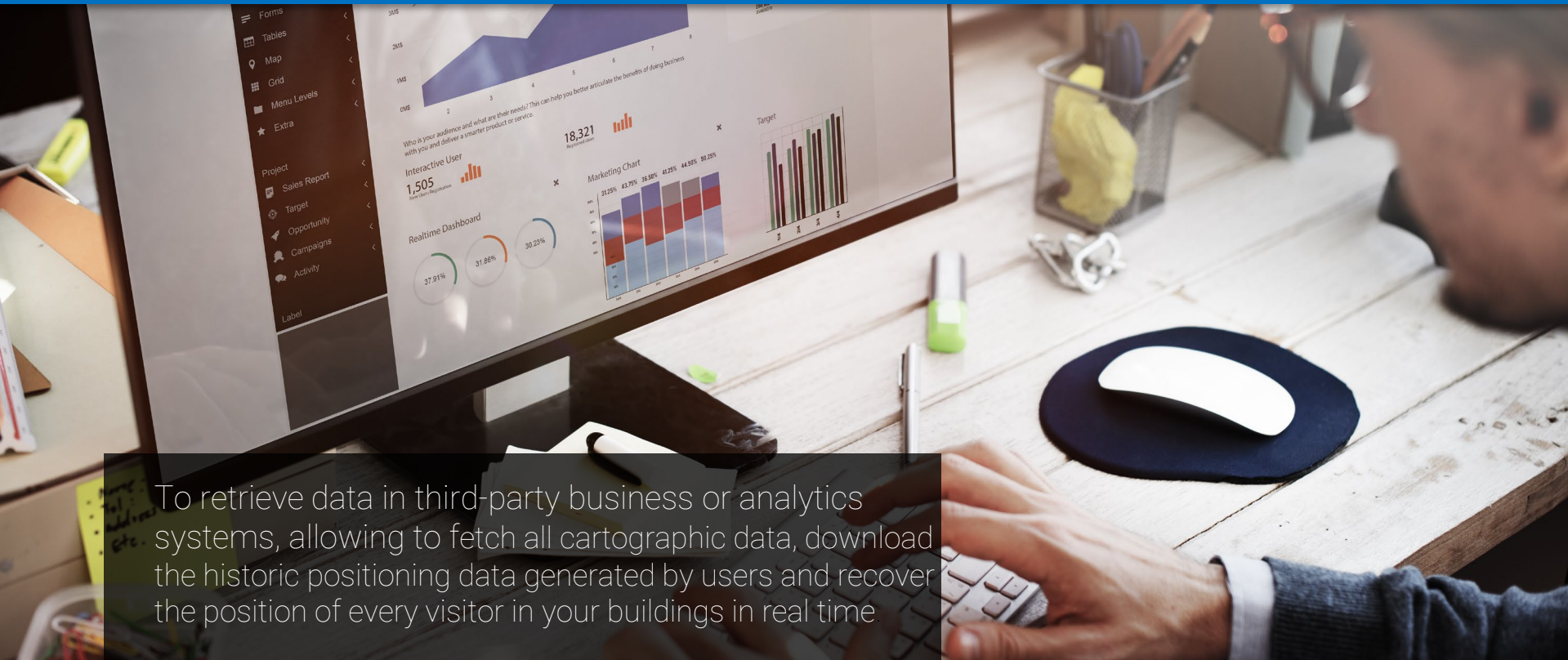
# Rest API




To retrieve data in third-party business or analytics systems, allowing to fetch all cartographic data, download the historic positioning data generated by users and recover the position of every visitor in your buildings in real time

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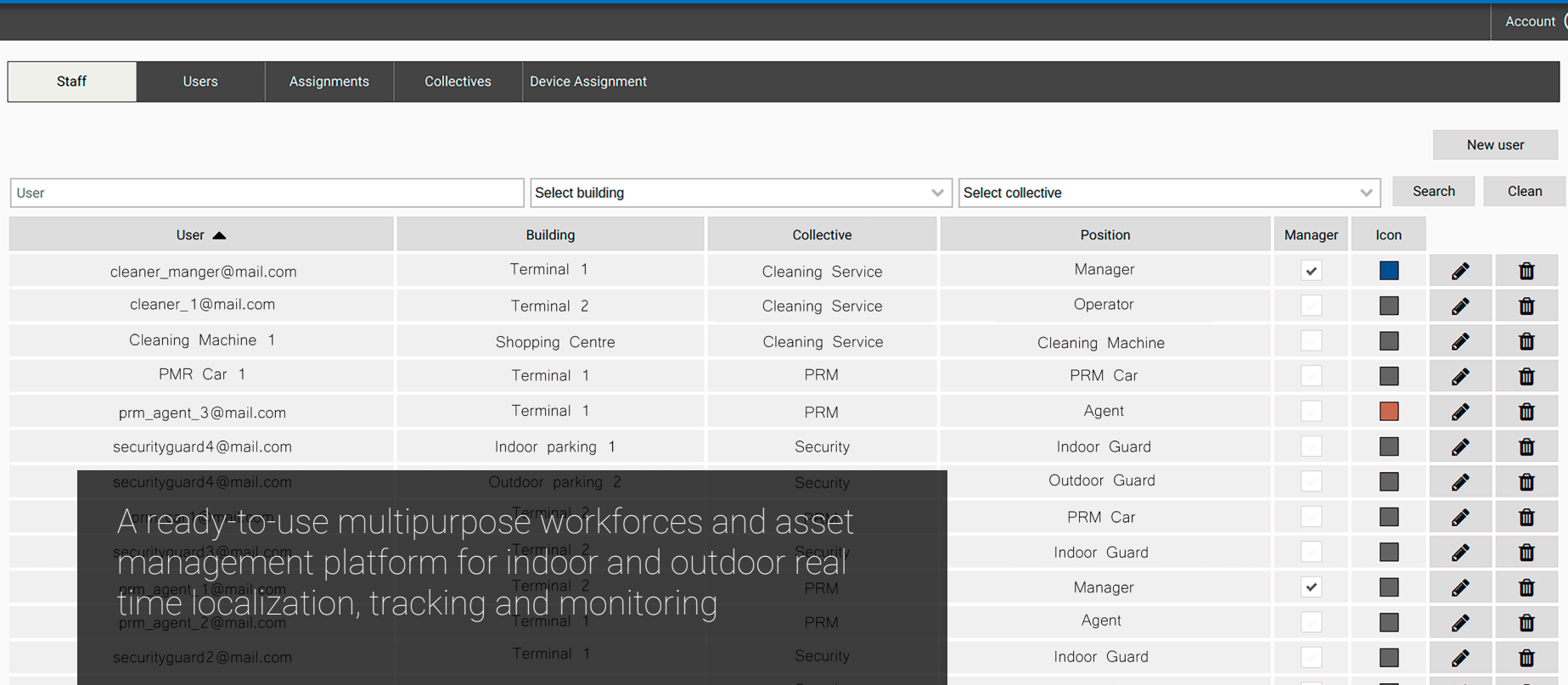
# Ready to use tools / MRM Platform




A ready-to-use multipurpose workforces and asset management platform for indoor and outdoor real time localization, tracking and monitoring

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# Situm in the real world

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Transport & travel

Health

Facility Management

Retail

Corporate Buildings

Industry 4.0

Events

Other Verticals

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# Transport

## Airports

Wayfinding and workforce tracking at Spanish, Peruvian and German airports.

## Train stations

Workforce tracking at Basque Country´s Railway operator.

## Shipping lines

Wayfinding POC in leading Spanish cruise firm.

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# Health

## Quirónsalud

Wayfinding in 5 hospitals and 2 medical centers of a leading healthcare group in Europe.

## SERGAS

Wayfinding in 7 hospitals of the Spanish Public Health Service.

## Turkish Hospitals

Wayfinding in 7 hospitals, including Mersin, one of the largest in Europe.

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# Facility management

## Prosegur

Indoor and outdoor tracking of security agents worldwide.

## PRM services

Indoor and outdoor tracking of PRM agents and customers in several airports from Spain.

## Securitas

Indoor and outdoor tracking of security agents worldwide.

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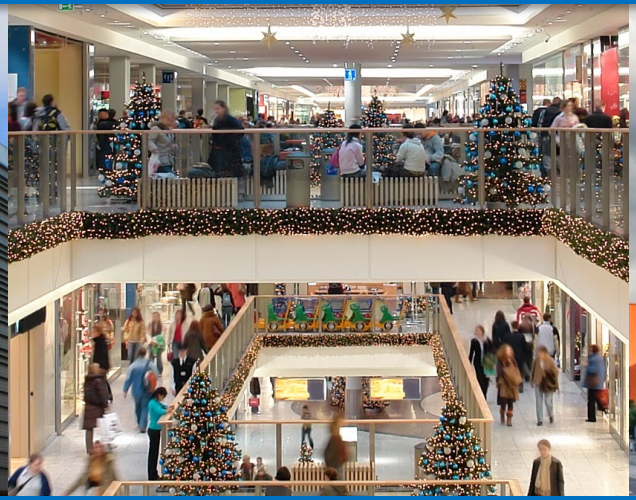
# Retail

## El Corte Inglés

Pilots for the leader in Spanish department stores to guide buyers and track employees.



## Spanish malls chain

Wayfinding for shoppers in 10 malls of one of the leading real estate companies in Europe.

## Carrefour

2 POCs in Alcobendas and San Fernando de Henares.

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# Headquarters, campuses and corporate buildings

## Telefónica

Wayfinding for employees in the parking at Telefonica headquarters.

## Uniminuto

Wayfinding for students and visitors in several campuses of the largest university corporation in Colombia.

## Acciona

Wayfinding in some of the largest office buildings in Madrid.

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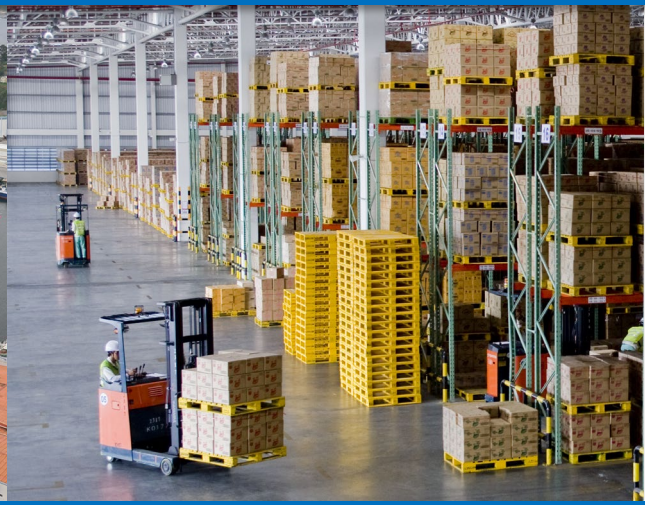
# Industry 4.0

## PSA Groupe

Forklift tracking in European factories to optimize processes.

## Puerto Celeiro

Workforce access control in the seafood product distribution centre in the north of Spain.



## Acciona

Industrial vehicles tracking in factories of different clients in Spain.

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# Sports, exhibitions & live shows

## Sports

Staff tracking at  the biggest stadiums and pavilions in Spain.

## Exhibitions

Visitors wayfinding and workforce tracking at tradeshow centers in Barcelona, Moscow and other cities.

## Live shows

Visitors wayfinding and workforce tracking at several live shows.

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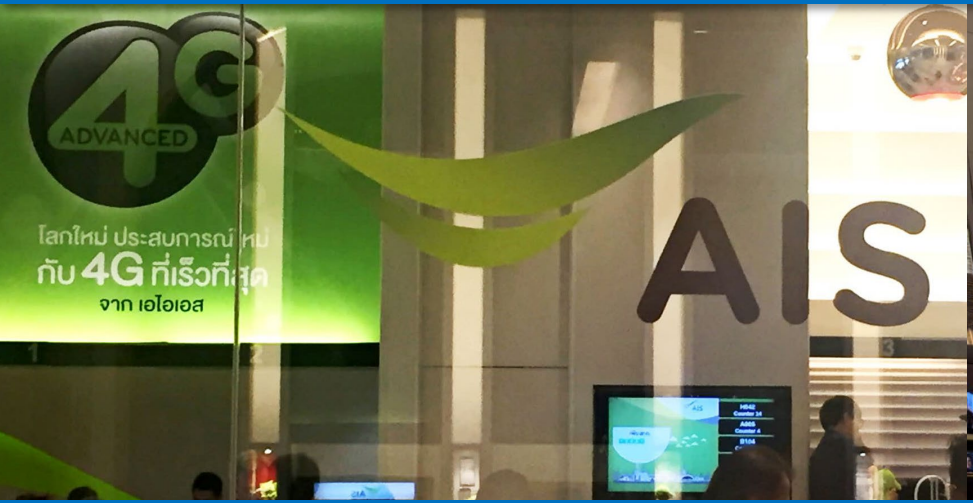
# Telco




## AIS Tailandia

Situm IPS platform for indoor location based solutions developments.

## Telefónica

Situm IPS platform for indoor location based solutions developments.

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# Situm in the world

+ 4.000 buildings
+ 2.000 developers
+ 40 countries

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situm.es/en/try-us

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