Indoor Location Services by wassa

Improve efficiency with location services

indoor.wassa.io

Overview

Asset tracking

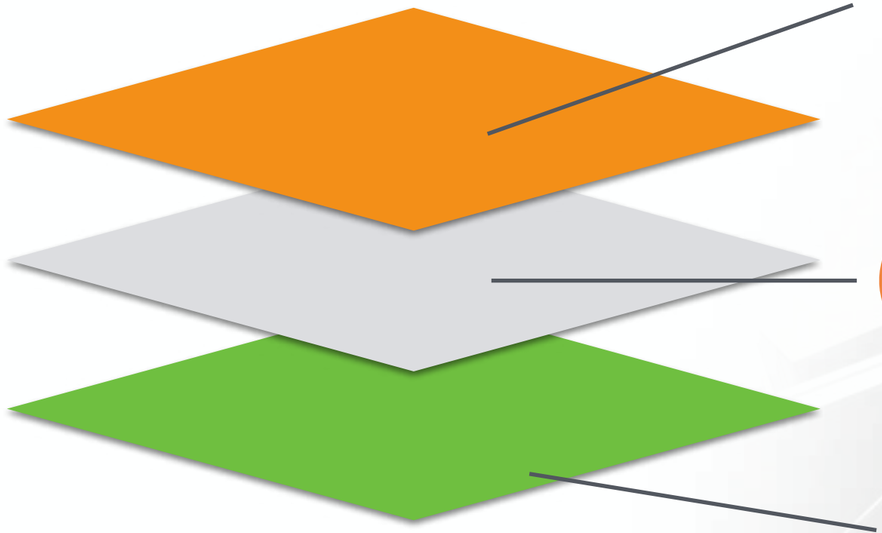
Deployment & Maintenance

References & Partners

Indoor Location
Services

Presentation

- Wassa develops solution that embed indoor location and map's related feature



Geofencing
& proximity detection*

2D & 3D maps
Inside & outside

Custom services
Analytics

Indoor Location
Services

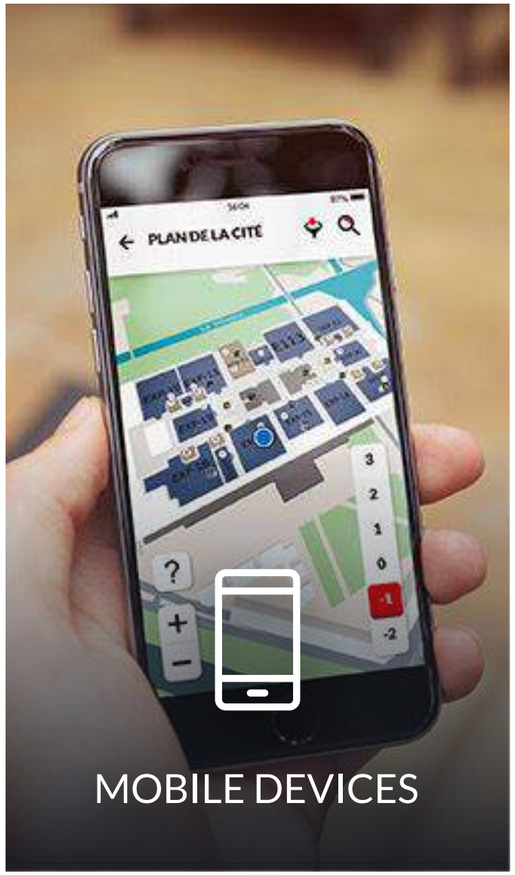
Markets

Wassa has successfully released LBS projects for major companies all over the work and for different markets

Indoor Location
Services

Available platforms

Services can be available on **mobile devices**, **web** or **kiosk**



Indoor Location Services

App/web

Wassa can provide:

- A fully custom mobile or web app for your specific needs
- A location SDK for you to integrate into your mobile apps

	Smartphones & tablets	Web / Kiosk
Supported platforms	iOS 9+ Android 4.4+	Any browser
3D and 2D mapping and wayfinding	Yes	Yes
Realtime user location	Yes	No
Location based notifications	Yes	No

Indoor Location Services

Components

Hardware

BLE Beacons

Alcatel Lucent Stellar 1230 AP
(integrated BLE)

LiFi lamp

App and SDKs

Location SDK*

Map SDK

ILS SDK

Mobile or web app

Management tools

ILS Cloud Manager

ILS Logger

* Only for mobile apps

Indoor Location
Services

The BLE beacon

- **Long battery life:** Designed for low power operations. 5+ years battery life.
  Batteries can be replaced.
- **Ready to use:** Beacons are pre-configured for immediate use by our software suite.
- **Easy maintenance:** Internal statuses are emitted by telemetry frames
  and uploaded to our cloud platform by our SDK in order to monitor life status
  and predict end of life.
- **Strong, stable output power:** +3dBm transmit power.
- **Rugged casing:** Designed to meet IP54.
  IP65 option with silicon housing.
- **Easy fastening:** Delivered with double sided sticker.
  Can be screwed.

80 000+ units sold worldwide

Indoor Location Services

Map SDK

- **Gorgeous design:** Advanced 3D and 2D map. 3D models intégration for building modeling, extended styling
- **Easy to maintain:** Effortless change of surfaces, POIs, pathways and more with our easy to use map editor
- **Routing:** Step-by-step guidance, multi-floors, multi-destinations, multi-modal
- **User Experience:** Intuitive touch gestures, mouse scrolling or custom controls
- **Analytics:** Get most searched or clicked POIs, route creation count an more
- **Automatic update:** Map is automatically updated within the app

20 millions sqm mapped worldwide

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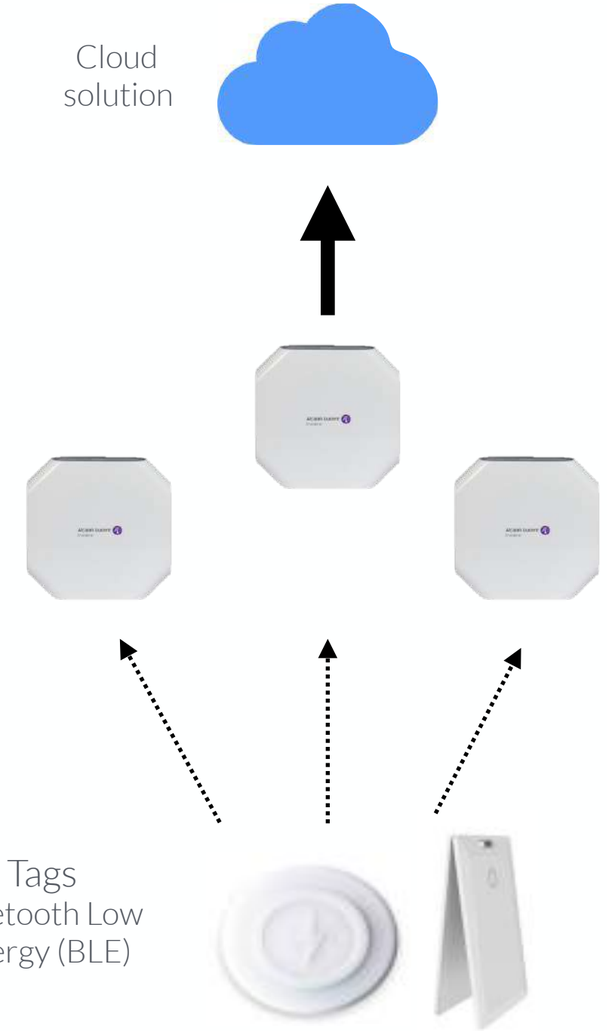
Indoor Location Services

Asset tracking offer

Cloud solution

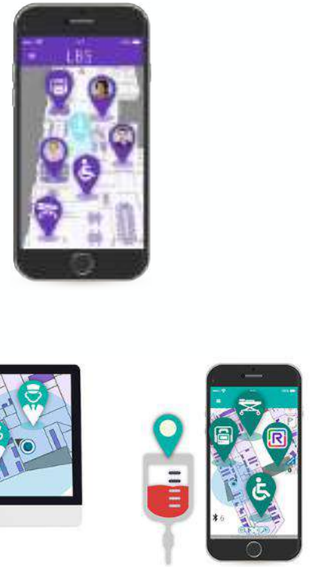
Access Points
OmniAccess Stellar
Gateway BLE

Tags
Bluetooth Low
Energy (BLE)



API/application

Asset search



Heat Map & Real-time presence analytics

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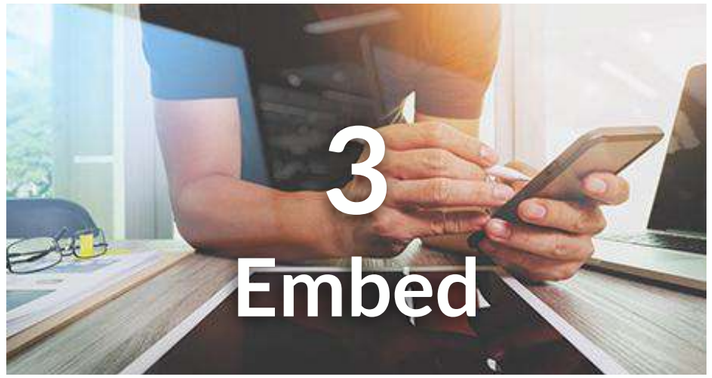
Deployment process

We design a 2D or 3D map based
on your plans and requirements (optional)

We deploy the beacons inside
your building to enable navigation
with Bluetooth technology (optional)



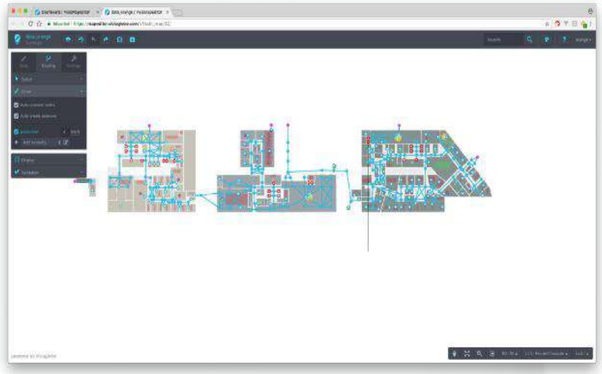
We develop your mobile and/or
web application (mobile or kiosk)

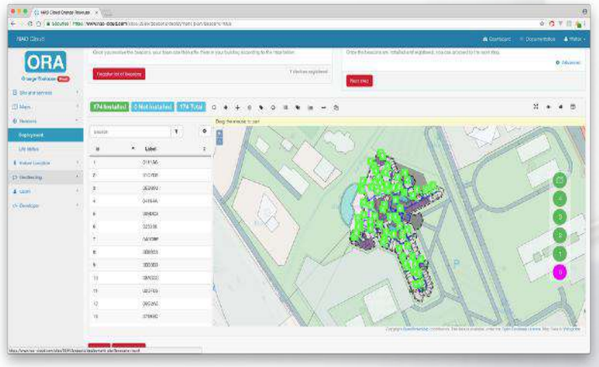
Provide these new services
to your customers

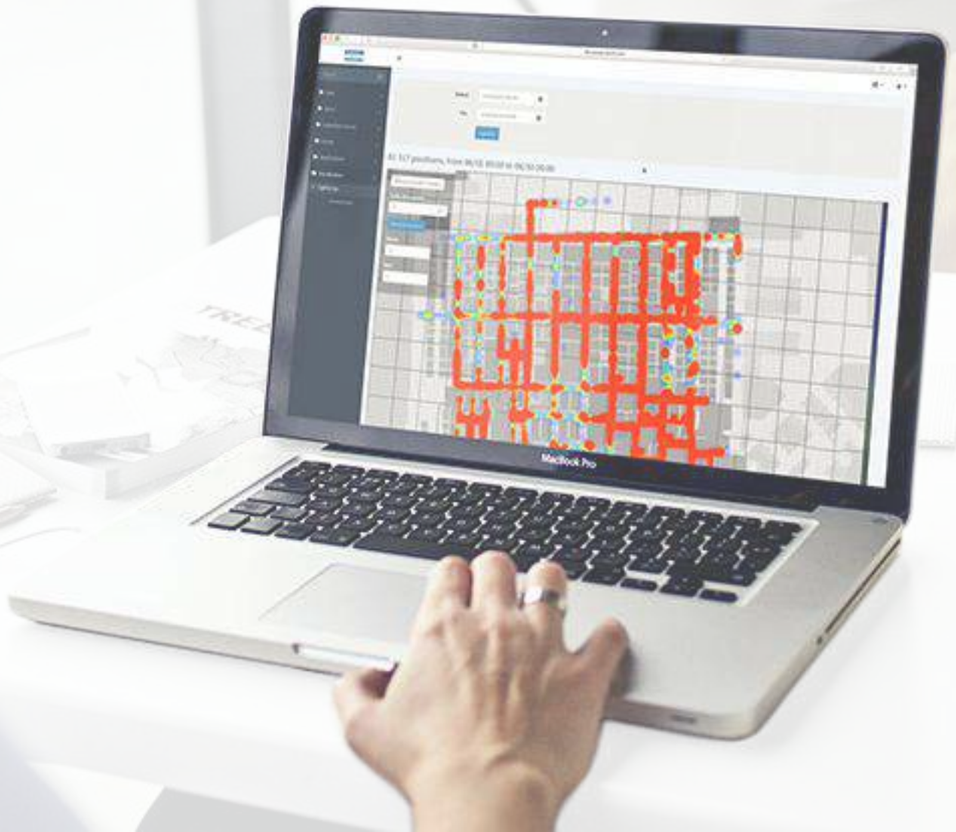
Indoor Location Services

ILS Cloud Manager

- **Location:** deployment, realtime beacons status, notification areas
- **Navigation:** map editing
- **CMS:** POIs data (catégories, extra information), notification data
- Analytics







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Indoor Location
Services

They trust us

Galeries Lafayette

WERELDHAVE

LVMH
MOËT HENNESSY • LOUIS VUITTON

HERMÈS
PARIS

Groupe Casino
NOURRIR UN MONDE DE DIVERSITÉ

orange

مطار أبوظبي
ABU DHABI AIRPORT

NATIXIS

Allianz

COMPAGNIE DE PHALSBOURG

BOUYGUES
ENERGIES & SERVICES

SAINT-GOBAIN

Dubai Airports

RATP

cité des sciences & de l'industrie

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Our partners

Official partner

Alcatel·Lucent Enterprise

BOUYGUES ENERGIES & SERVICES

Technical partner

POLESTAR TRACING THE WAY

visioglobe

mapwize

iPorta

Indoor Location Services

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