TAOGLAS®

Next-Gen IoT Solutions

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About Taoglas

Taoglas has been providing advanced antenna products and RF service solutions to the world's leading brands since 2004

345
Employees Globally

Currently, over **340 employees** based in design & manufacturing centres spread across nine facilities in **Ireland, Germany, Taiwan, China** and **USA**

10 **Centers Worldwide**

Located close to customers globally with latest test and design equipment, including **state of the art** Anechoic Chambers, 4G LTE Call Boxes, RF Simulation and Environmental & Reliability testing

QUALITY MANAGEMENT SYSTEM
IATF16949
ISO 9001 CERTIFICATION EUROPE™

IATF16949 certified production facility in Tainan, Taiwan to support mainstream automotive product manufacturing centres focus on IoT business

Strategic focus on **IoT** business

We drive **antenna innovation** on the road to **5G**, **Autonomous Driving** & **Internet of Things**

63
Patents Approved & 117 Pending

2018
18.2
Million Antennas Shipped Globally

Thousands of successful **IoT/M2M** hardware projects completed globally

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End-to-End Solutions

Edge

Cloud

End User

4G/NB-IoT

Device Management
Security Management
Data Management
Sensor Management

Cloud & Mobile Devices

API

Dashboard

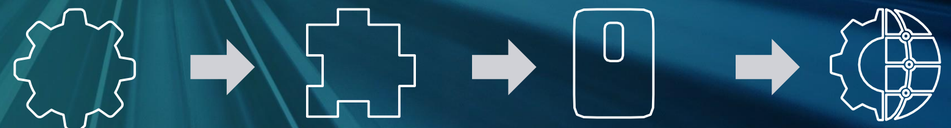
Analytics

Hardware

Platform

Dashboard

Complete Solution Stack



COMPONENT

MODULE

DEVICE

SOLUTION/
SOFTWARE

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GATEWAYS
POWERED BY FRMWAVE TECHNOLOGY
TAOGLAS
EDGE

02

Our Approach

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Our Approach

Re-usable hardware and firmware components

- Connectivity blocks
- Security blocks
- Device management blocks
- Sensor blocks
- Signal processing blocks
- Location blocks

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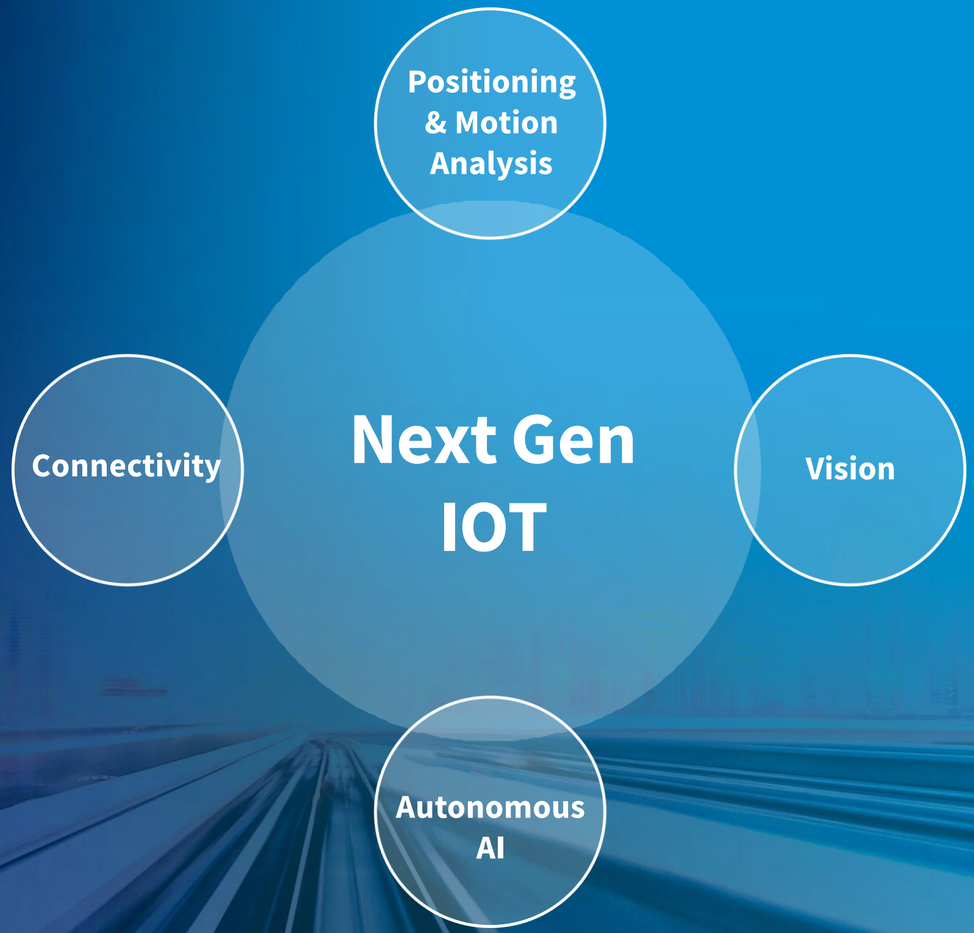
Our Deep Tech Focus



Our Specialist Verticals

- Ground Robotics Navigation
- Lane-level Navigation
- Vehicle Telematics & Asset Tracking
- Heavy Machine Navigation
- Connected Vehicles
- e-Bike & Scooters
- Commercial UAV
- Precision Agriculture
- IoT Gateways
- Smart Metering
- Connected Health

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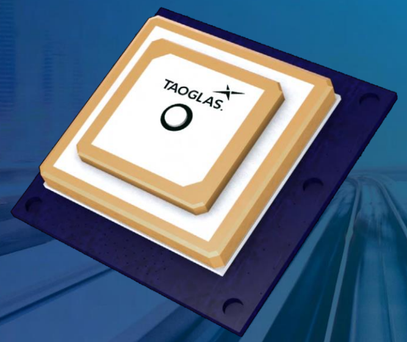
EDGE
Connectivity Platform

EDGE Locate
Centimetre Positioning Platform



EDGE AI Vision
Vision Platform

Next Gen Machine Learning & AI

Artificial Intelligence

Machine Learning

Deep Learning

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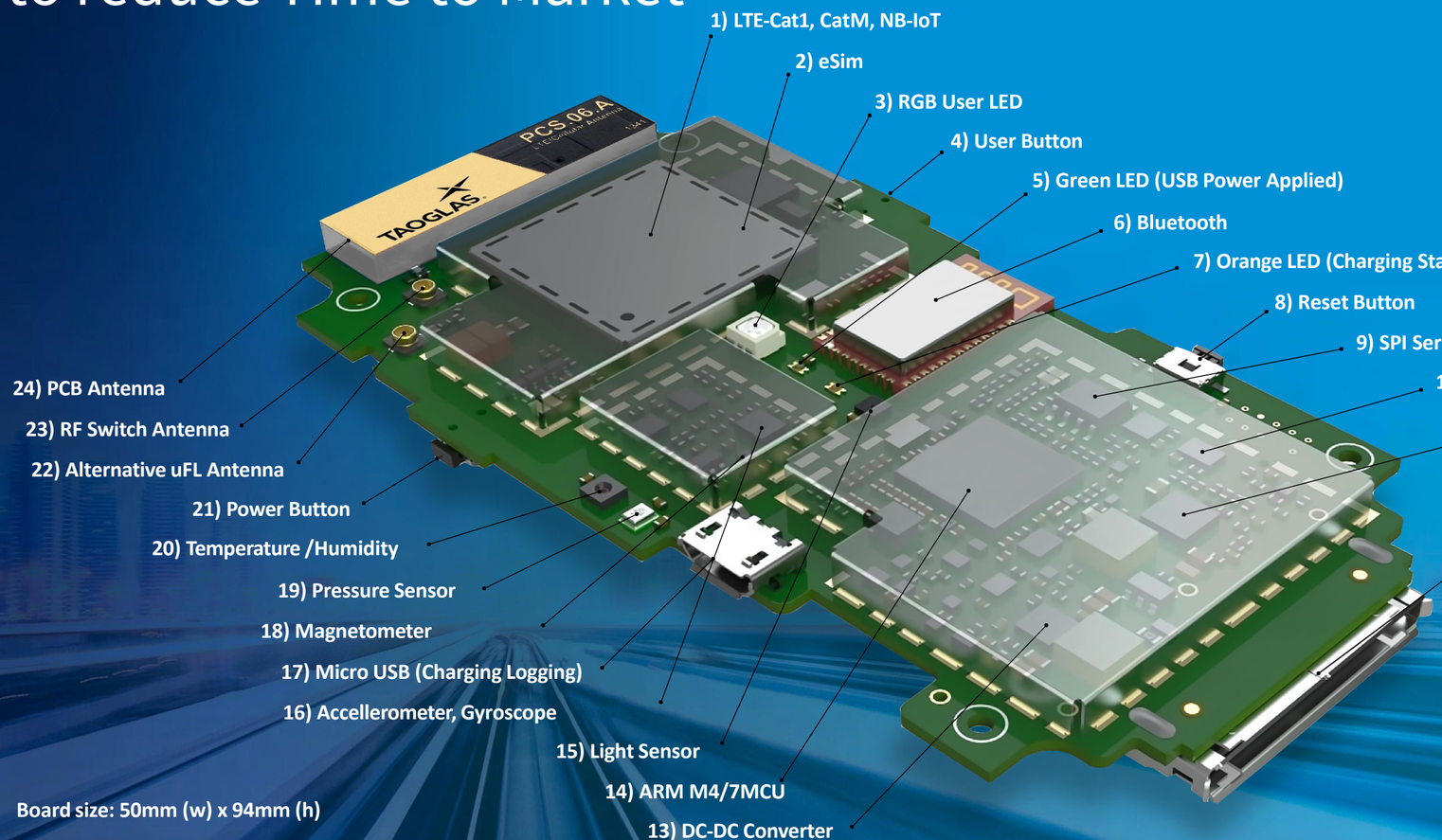
Low Power Reference Hardware

Option to Build into any secure connected solution to reduce Time to Market



Board size: 50mm (w) x 94mm (h)

4G Cat 1
3G
2G
NB-IoT
LTE CatM

GPS
GLONASS
Galileo
BeiDou

BLE4.2
BEACONS
ANDROID
IOS
BLE

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Example Projects

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TEMPERATURE
37.9°C
HORSEWARE
IRELAND
TAOGLAS
EDGE

LvLogics
Search...
HOME
PRODUCT INFO
ABOUT
BLOG
CONTACT
MY ACCOUNT
Get in touch
Silo Monitoring
60%

Dimplex
Dimplex
Dimplex
Dimplex

VIRTUAL EDGE 3
96%
Patient Acceptance
100%
COMPLIANCE
BUILT FOR COMPLIANCE
HEALTH
BEACON
TAOGLAS
EDGE

04

Pricing IoT

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End to End Pricing

Edge

Non Recurring

Average Hardware Price (See below)

- Supplied by Taoglas
- Validated by Taoglas
- Warranty by Taoglas

Cloud

Recurring (Monthly SAAS)

1. Device Management Fees
2. Data Management Fees
3. Network Traffic Fees
4. Managed Services Fees

End User

Non Recurring

NRE Customization Fees

- Analytics (AI/ML)
- Apps / Web Development
- Sensors / Firmware
- Hardware Customisation

Hardware

Platform

Dashboard

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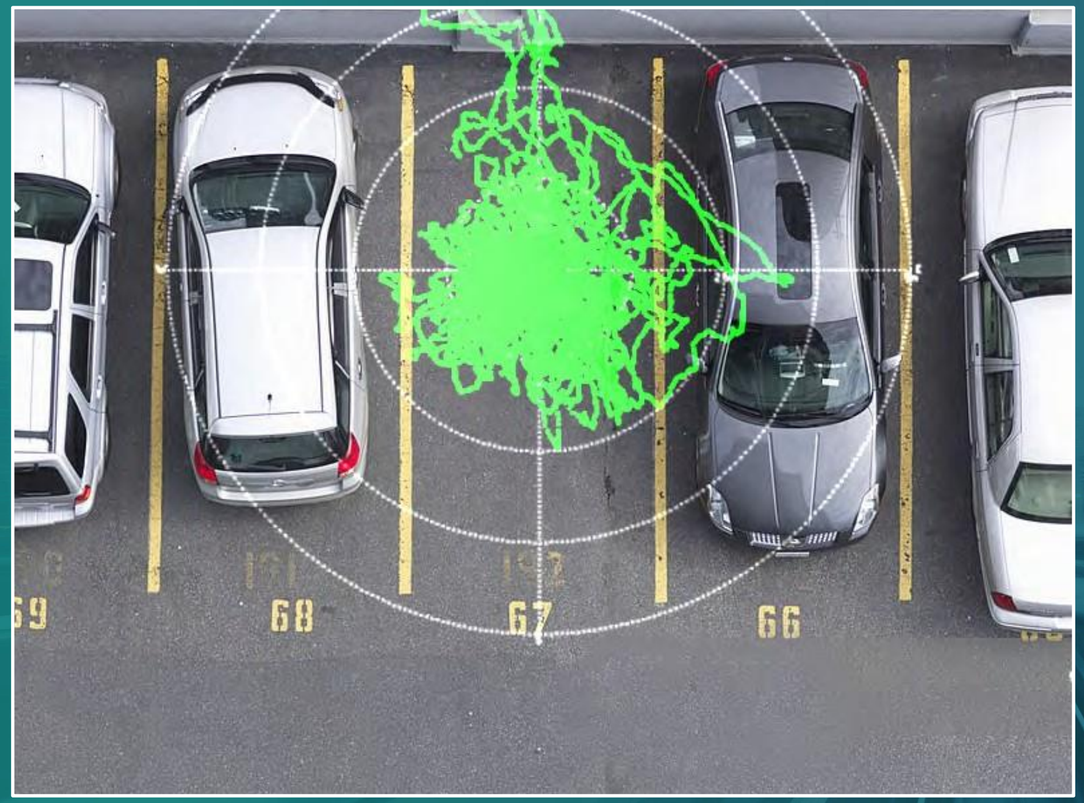
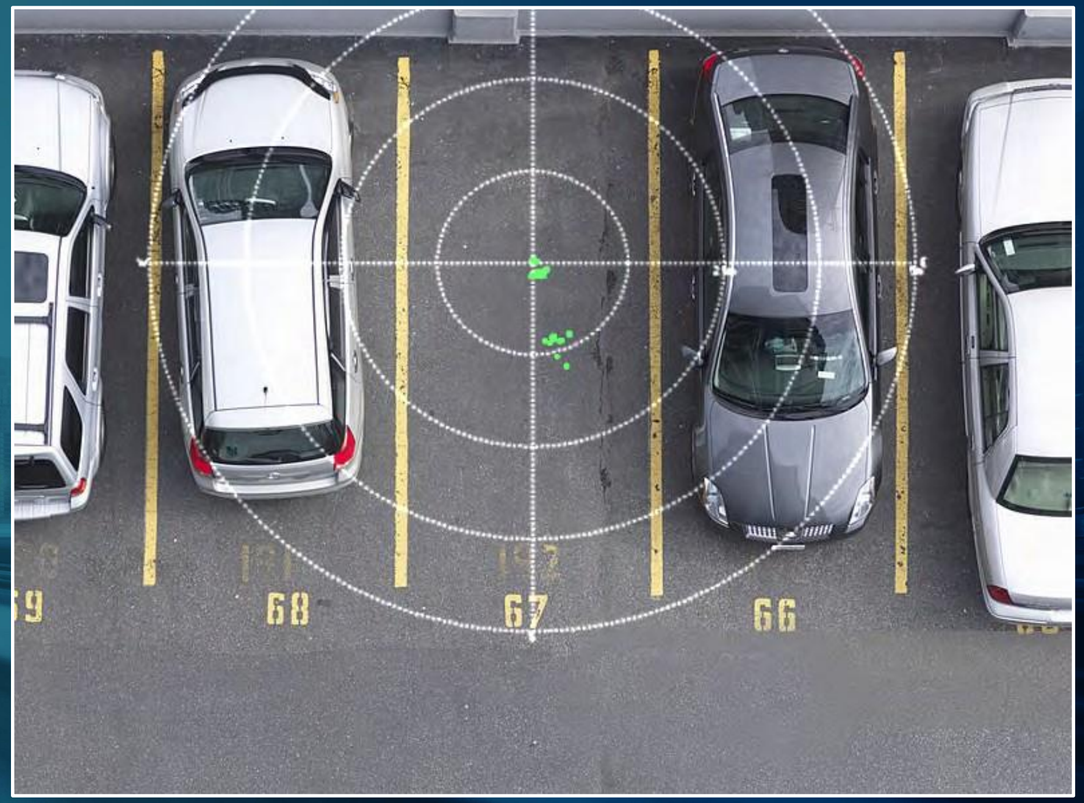
Focus on Precise Positioning

Standard compared to High Precision



Without RTK Correction Service



With RTK Correction Service

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luna Urban Mobility Platform

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ThankYou

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