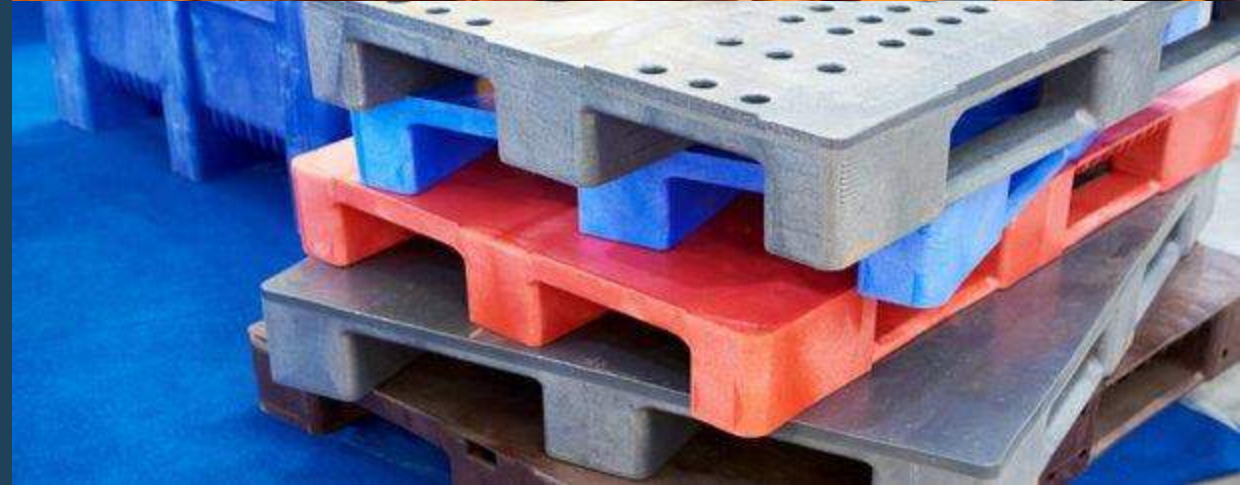


AZITEK
LOCATION EVERYWHERE

Problem

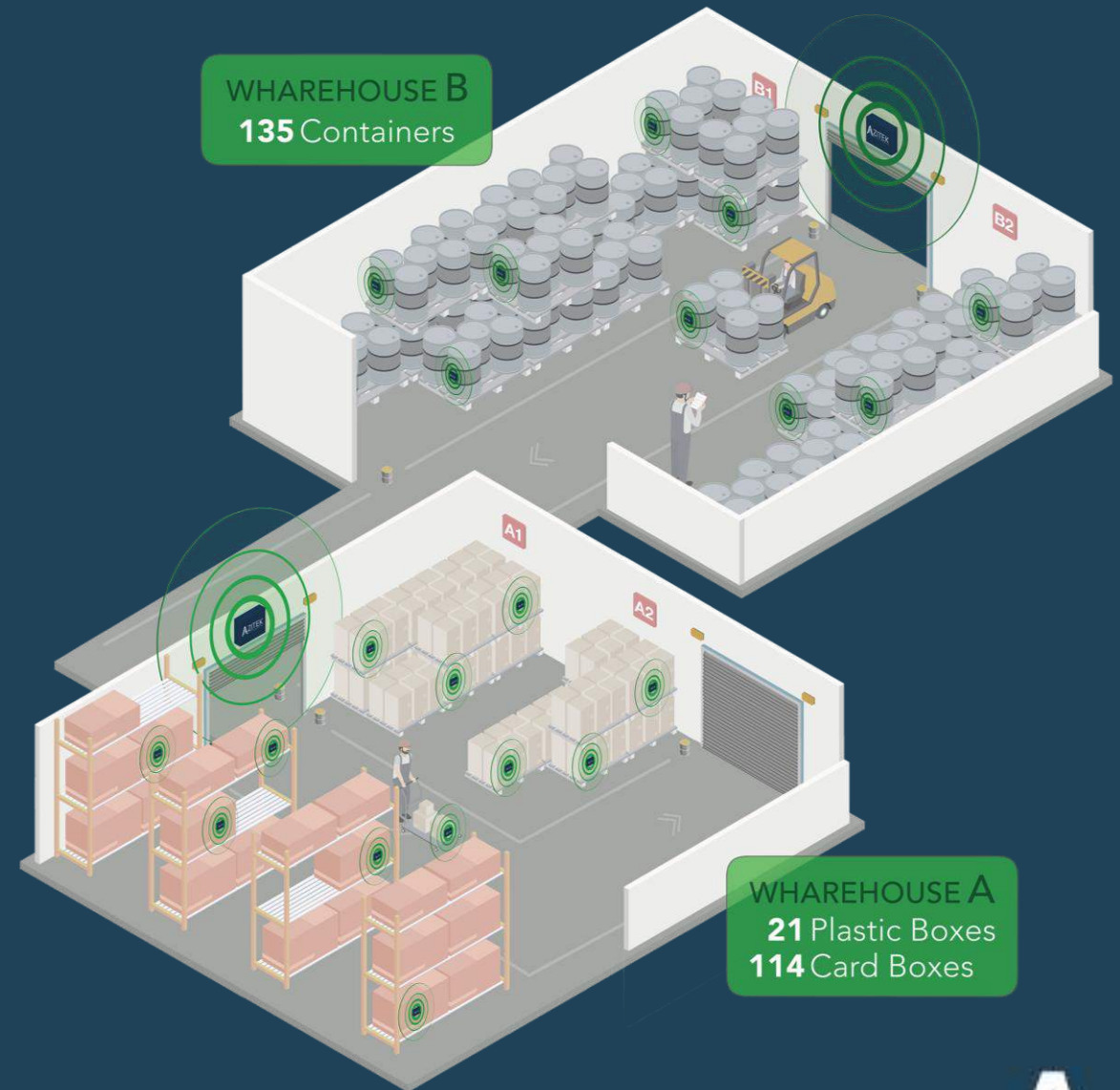
Returnable Transport Items

- RTIs are used to **transport stock** and goods **between locations**
- **Lack of inventory visibility** impacts logistics and business operations
- Average **15%** of returnable assets are **lost or stolen annually**
- Manual records lead to **errors and wasted time**



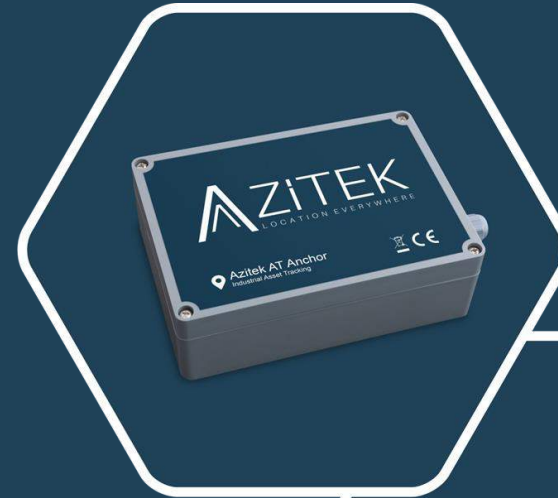
Asset Tracking Technology

- **Automatic asset detection** across multiple locations with **Active Tags**
- **Real-time inventory**, warnings, and position records
- Simple infrastructure with **Gateways** range up to **200m**
- **Interference resilient** communication even with **metal and liquids**



How Does It Work

- Each **asset** is equipped with a low-profile **Azitek Tag**
- **Gateways** are installed on **facilities, warehouses and vehicles**
- **Cloud Dashboard** and **API** enables real-time **analytics** and **client integration**



Azitek Solution

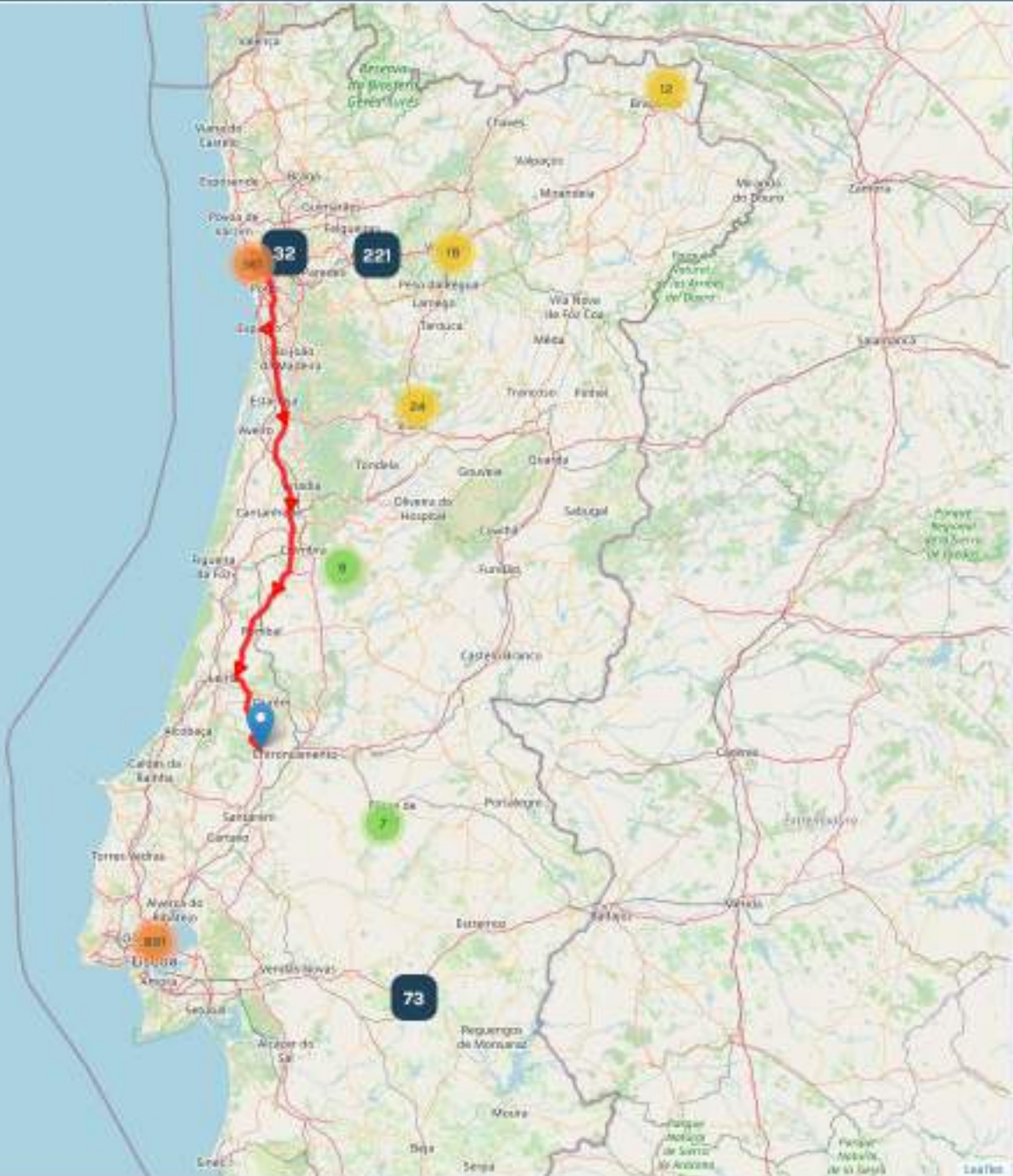
- Simple infrastructure and **cloud-based software**
- Tag **battery lifetime of 6 years** with an update rate of 1 minute
- Antennas with outstanding **reading range up to 200m**
- Supply chain visibility with **last mile tracking**



Technology Advantages

	Range	Battery	Metal Interference	Collision Handling	Cost
Azitek	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Bluetooth	★★	★★	★★★	★	★★
Passive RFID	★	★★★★★	★	★★	★★★★★
Active RFID	★★★	★★	★★★	★★	★
UWB	★★★	★	★★	★★★	★





Label Assets

Search by Asset ID or Asset

Total Assets: 2400

Factory

Quantity: 221

Today: +10

Warehouse

Quantity: 73

Today: -23

Maia Airport

Quantity: 32

Today: 0



Other Location Assets

Quantity: 1974

Assets Seen In The Last 24 Hours

Quantity: 18

Assets Not Seen For More Than 24 Hours

Quantity: 0



Truck AA

Quantity: 82



Truck AB

Quantity: 0



Ford Valencia Challenge

- Monitor the internal logistic process of **20.000 plastic KLT**
- Measure the **containers rotation time** and washing process
- Solve manual inventory picking and **losses of 7% annually**





Lingote Rack Tracking

Problems:

- Unreliable inventory data
- Over buying containers

Azitek Solution:

- Tags on 11.000 racks
- Gateways spread across 2 facilities and delivery trucks

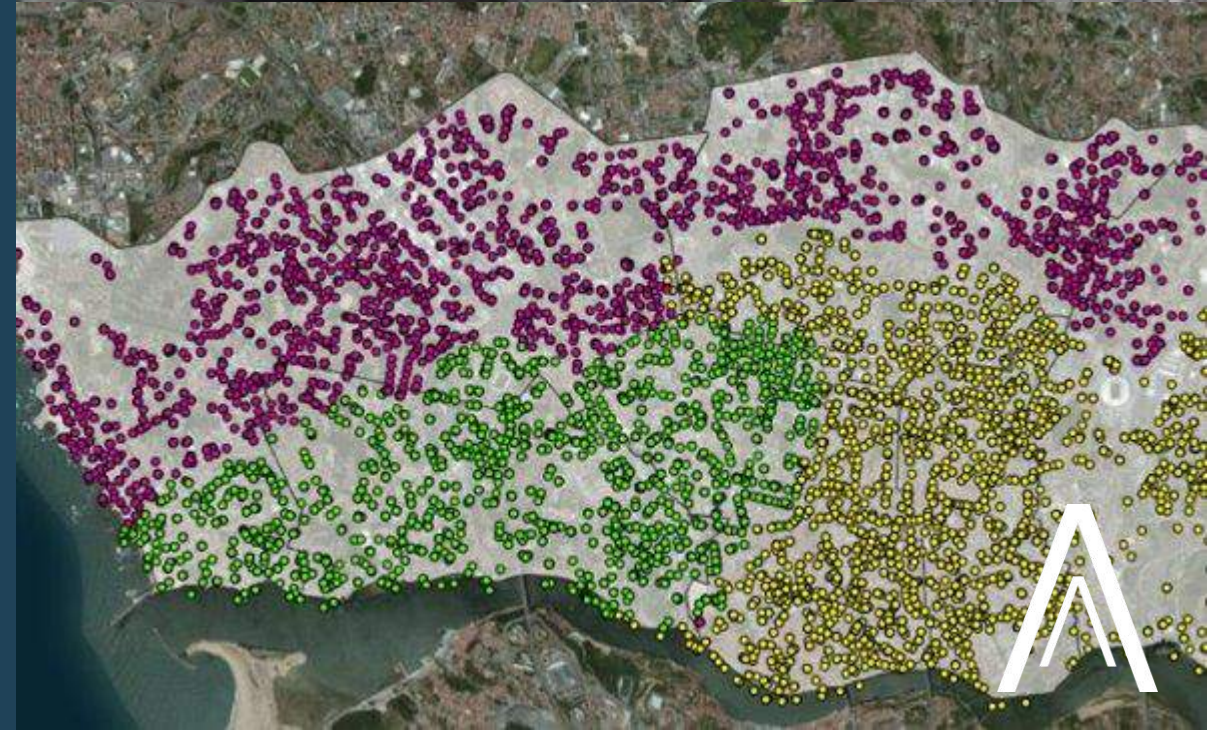
Operational Gains:

- High-accuracy inventory data
- Better management of logistic process



Smart City Waste Tracking - Porto

- **Tracking more than 10,000 containers** in the city of Porto with anchors installed on garbage trucks
- Providing container inventory and **truck collection detection**
- **Waste management analytics** to improve truck routes and containers placement



Azitek Clients



BOSCH



HUTCHINSON®



BorgWarner



PUREM
by Eberspächer



AMTROL-ALFA.

Join the Industrial IoT Revolution!



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