



SMART POOLING

How Sensize and PreTurn improve efficiency, transparency and sustainability in reusable asset packaging

€500m

Estimated annual cost of missing reusable transport items in European grocery chain.

11%

Share of reusable transport items lost each year across the sector.

40%

Transport and sales packaging required to be reusable by 2030 through **PPWR**.

Sensize has already solved this problem



WWW.SENSIZE.NET

PROVEN SCALE

See every asset

3 million asset tracked globally, reducing loss and improve utilisation.

ZERO INFRASTRUCTURE

Easy deployment

Adds to your existing operations.

POOL-WIDE ECONOMICS

Track entire pool

Low cost by design - see every asset, not just expensive ones.

How we achieved low-cost Parent/Child networking



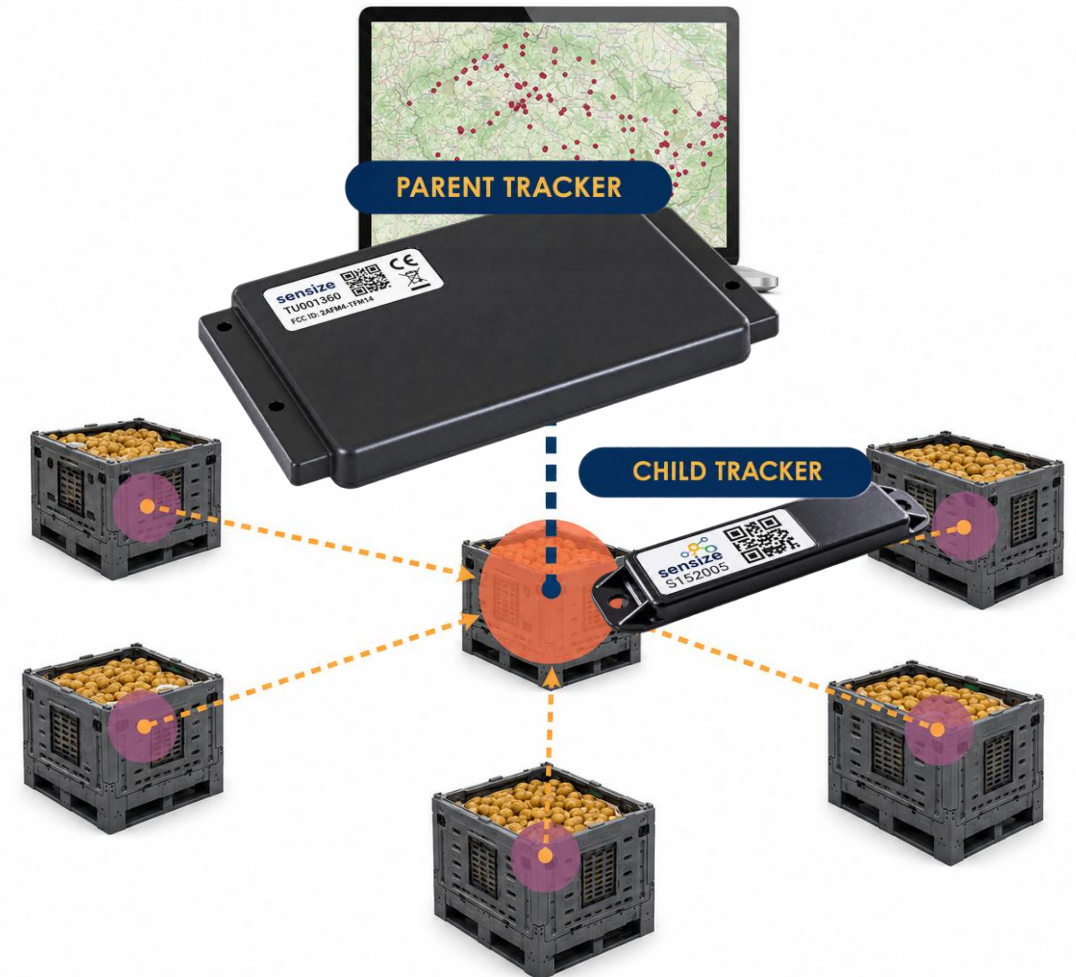
WWW.SENSIZE.NET

1 Attach 'Child' Bluetooth trackers to 90% of MaxiPacs

2 Attach 'Parent' Cellular trackers to remaining 10%

3 All tracker data sent to the Sensize Portal

4 The Portal reports location, dwell time and inventory



Solutions we have provided

Reusable pallet tracking for French retail supply chain

CHALLENGE: losing pallets in the supply chain

REASON: transport companies & retailers were stockpiling

OUTCOME: Stopped stockpiling | Increased cycles

Pallet tracking for North American pooling service

CHALLENGE: visibility and pallet efficiency

REASON: no visibility beyond Distribution Centers

OUTCOME: Shortened cycle time | Increased supply chain visibility



PreTurn needed to protect its high-value assets



WWW.SENSIZE.NET

HIGH-VALUE ASSET

Reusable MaxiPac load carrier

CAPITAL AT RISK

**A significant investment
in Czech Republic**

Business Goal PreTurn

**Maximum transparency
Dwell time tracking / where they get lost**



RFID creates blind spots across the asset journey



WWW.SENSE.NET

BLIND SPOT

GROWERS



VISIBLE

DISTRIBUTION
CENTERS



BLIND SPOT

RETAILERS /
SHOPS



VISIBLE

DISTRIBUTION
CENTERS

THE COST OF THE BLIND SPOTS



ASSET LOSS

A missing MaxiPac cannot be located or recovered quickly.



IDLE INVENTORY

Assets may sit in a warehouse for too long, reducing asset availability.



CONDITION RISK

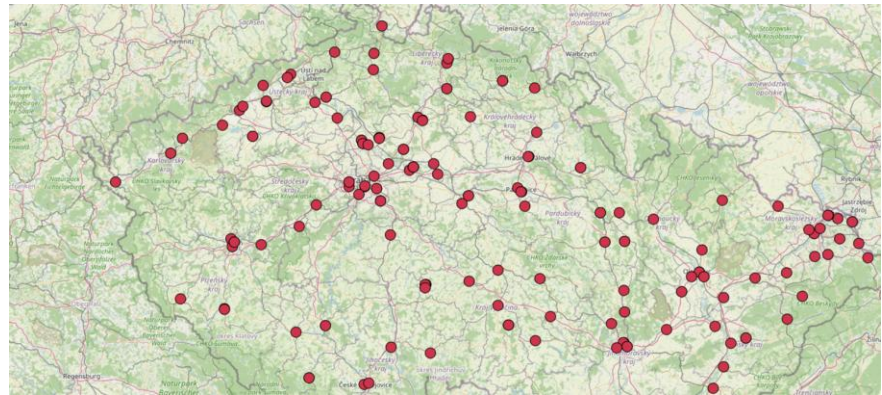
No temperature or condition data to confirm how the goods are being kept.

How PreTurn can turn data into action

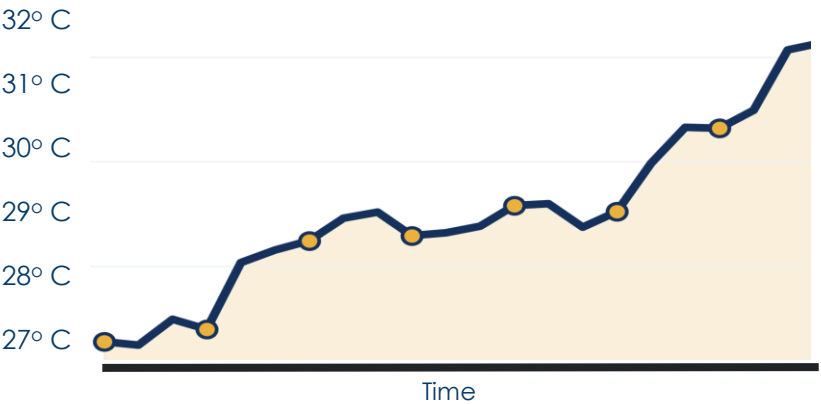


WWW.SENSIZE.NET

FLEET LOCATION



TEMPERATURE



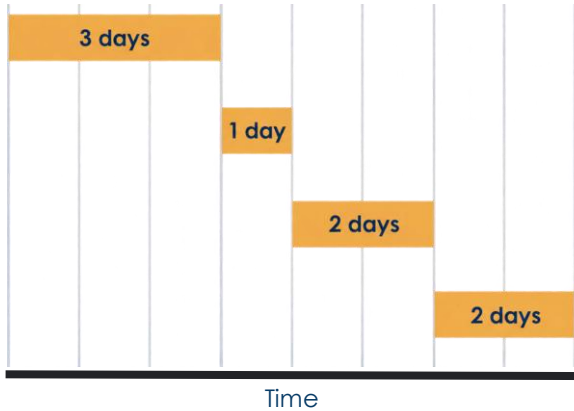
DWELL TIME PER SITE

Grower

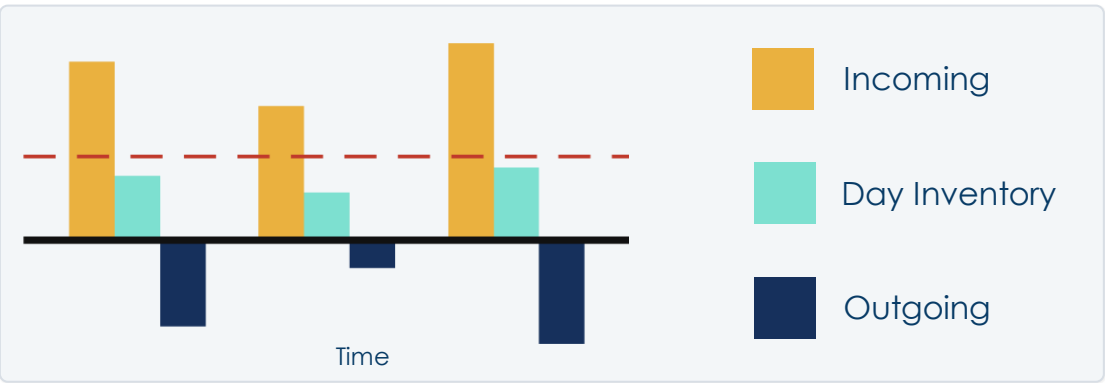
Distribution Center

Retailer

Distribution Center



INVENTORY FLOW



Sensize closes visibility gaps across the pool



WWW.SENSIZE.NET

BEFORE

RFID only

-  Growers
-  Distribution Centers
-  Retailers / Shops



AFTER

RFID + Sensize

-  Growers
-  Distribution Centers
-  Retailers / Shops



Visible at site



No visibility at site



Questions?