

Real-time visibility across retail fulfillment

SUPPLY CHAIN
RETAIL · NORTH AMERICA

How a Fortune 500 retailer used Wiliot to see every pallet and package continuously, catch missorts and record mismatches at the dock instead of days later, and protect the delivery date promised at checkout.

RETURN ON INVESTMENT · NETWORK-WIDE

1 month

$15M
CapEx, one-time

~$7M
Recurring costs / year

TURNING ASSETS INTO
LIVE DATA POINTS

A six-site pilot became a nationwide mandate in four months, covering 146 sites and 30M tagged assets a year. Packages and pallets carry IoT Pixels, and bridges across the dock floor and every dock door report location continuously.

$350M	Identified annual value
3.3%	Missort rate, previously unseen
198K	Affected pallets found / year
75%	Lower infrastructure cost

1 DEPLOYMENT,
4 APPLICATIONS

APPLICATION	DATA ENABLED BY WILIOT	OPERATIONAL VALUE
Missort detection	Live pallet location checked against the lane and destination it is routed to.	Missorts caught at the dock in real time, not 1–3 days after the trailer leaves.
Virtual-physical mismatch	Continuous item-level location compared with the system record.	Record and item can't drift apart unseen: $198M–$297M in missort and VPM cost avoided.
Dock-door load verification	What physically crossed into each trailer, versus what the system expects inside it.	Fixes made inside the pull-time window, protecting the promised delivery date.
Scan-free receiving (pilot)	Items detected automatically as they arrive at the dock, with no scan step.	~$3M a year in expected scanning and headcount savings.

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Wiliot

Physical AI for every asset

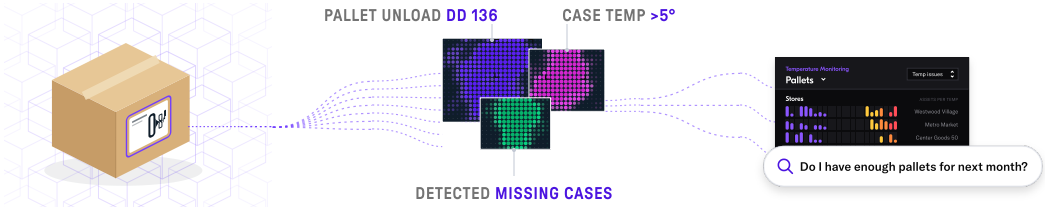
ABOUT WILIOT

Wiliot provides real-time data mining capabilities for organizations that want continuous visibility into their physical operations. Wiliot is the only multi-modal sensing technology for asset tracking that is cost-effective and scalable across any supply chain, and so much more. If you move physical assets, we have a solution for you.

Average ROI

Under 3 months

TURNING YOUR ASSETS INTO LIVE DATA POINTS



Battery-free IoT Pixels

Bluetooth-enabled tags, thin as a sticker, that can be applied to any asset to turn it into a live data source. One tag senses location, motion, temperature, humidity, and light, reporting multiple times a minute.

No gates, portals, or manual scans, and no batteries to replace.

Wiliot Cloud

Proprietary algorithms refine raw sensor signals into decision-ready intelligence, encrypted end to end.

DESCRIPTIVE
What's happening in my supply chain right now?

PREDICTIVE
What's likely to happen next?

PRESCRIPTIVE
What should I do about it?

Physical AI Platform

One place to see every tagged asset in real time, across any use case. Build alerts, reports, and data apps in plain language with our AI agent, no code required.

A SINGLE DEPLOYMENT UNLOCKS MULTIPLE USE CASES

Inventory intelligence

Scan-free accuracy, every area.

Automated receiving

Dock-to-stock in hours, not days.

Reusable asset tracking

No more RTI shrink or over-buying.

Shipment verification

Load errors stopped at the dock.

Temperature monitoring

Case-level cold chain, source to shelf.

JOIN INDUSTRY-LEADING ORGANIZATIONS ALREADY SEEING THE VALUE OF CONTINUOUS VISIBILITY

$92M

Yearly markdown savings
National grocer

4x

Fewer fresh markdowns on produce moved on time

97%

On-time delivery departure rate
Royal Mail

$350M

Identified annual value
Fortune 500 retailer

25%

Increased visibility into fleet size that was unknown

3.3%

Discovered pallets no one knew was missing

Explore case studies →

