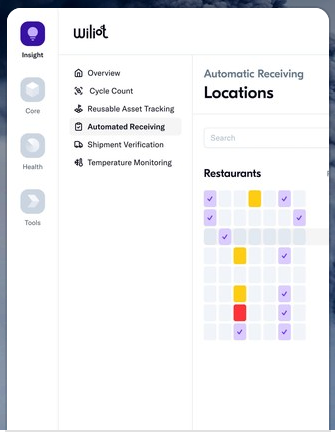
PLATFORM OVERVIEW

The Wiliot Physical AI Platform

From raw sensor signals to business insight, for trillions of products.



PHYSICAL AI PLATFORM

The Wiliot Physical AI Platform connects the digital and physical worlds. It collects raw data from battery-free IoT Pixels and transforms it into insights, giving companies unprecedented intelligence about their products.

PLATFORM SPACES

ONE CONSOLE, FOUR SPACES

Setup to insight

Insight
Business console for data visualization

Core
Platform and solution setup

Health
Platform monitoring dashboards

Tools
Field debugging and troubleshooting

FROM IOT PIXELS TO INSIGHT

Bridges energize IoT Pixels and relay their data; gateways send it to the cloud, where the platform turns it into events and insights.



PLATFORM ARCHITECTURE

IoT Pixels data is enriched, turned into physical and metrics layers, then delivered to Data Apps and the Insights Console.

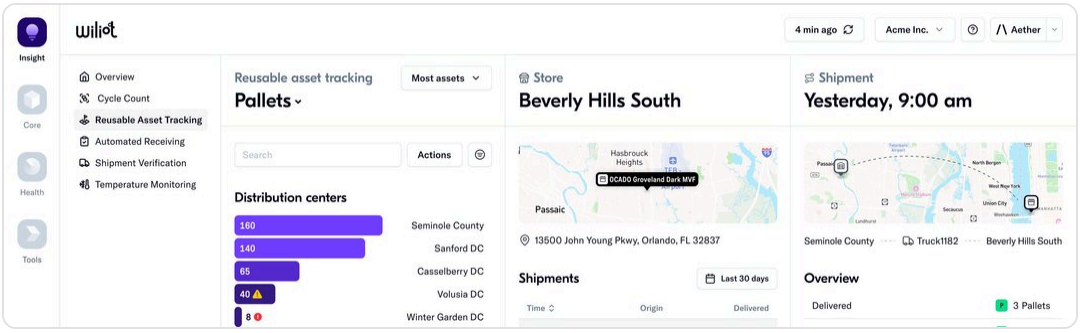


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Platform capabilities

INSIGHT

The business console for solution data visualization.



1 PLATFORM, 5 USE CASES

SOLUTION	DATA ENABLED BY WILIOT	YOUR ORGANIZATION'S OPERATIONAL VALUE
Inventory intelligence	Live asset counts by defined area, store, and product	Accurate stock without manual counts, so orders match reality
Automated receiving	Delivery confirmation of assets, checked against what was shipped	Dock-to-stock time cut from days to hours
Reusable asset tracking	RTI location, dwell time and losses by site	Asset shrink and over-buying eliminated, as well as accountability between facilities
Automated shipment verification	Missing and wrong cases flagged before departure	Load errors detected prior to truck leaving, reducing inaccurate and missing deliveries
Temperature monitoring	Temperature excursions by case and zone	Move product on time leading to less spoilage, waste and compliance failures

KEY CAPABILITIES

Data enrichment	Define organizational data to give signals context: assets, categories, transporters, sites and zones.
Edge management	Claim, configure and update bridges, gateways, IoT Pixels and external sensors such as RFID and cameras.
Deployment management	Blueprint templates per device role, plus a mobile deployment tool that applies configurations and checks compliance.
Connections & data transfer	Choose a connection type, enter its parameters and select which events to send.
Data generation	Configurable built-in events, plus Data Apps generated and customized with Aether.

FOR DEVELOPERS

Wiliot APIs	developer.wiliot.com: manage edge devices, assets, locations and associations at scale.
PyWiliot	Wiliot's Python library for easier access to the APIs.
Knowledge base	Support tickets, user guides, release notes and integration guides.

CLIENT ONBOARDING

Planning and initial setup follow the ANDC approach.

A
Assets
Tag choice, tagging, association, verification, monitoring tools

N
Network
Simulation, blueprint, validation, optimization, monitoring

D
Data
Metric ingestion, business logic, data-to-app mapping, validation, dashboards

C
Consumption
Definition, enablement, dashboards, training, optimization

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