inpixon

How AI is Changing IoT

AI & RTLS: Turning Shopfloor Data into Instant Answers

inpixon.com

A Global Leader in Location Intelligence and IIoT Solutions

Customer Projects Around the World

About Inpixon

- Successfully delivering solutions to the market for over 25 years
- Pioneer in location-based automation and digitalization
- Award-winning open solution platform and technology
- Millions of products deployed in the field
- Renowned customers from automotive, engineering, aerospace, and logistics industries
- Global partner and service ecosystem
- A division of XTI Aerospace, Inc.

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Where We Come From –
Enabling Smart Production & Intralogistics With RTLS & IIoT

- **Real-time asset tracking** for tools, equipment, vehicles, and personnel
- **Intelligent automation** to replace manual processes
- **Location-based analytics** for workflow and efficiency optimization

Reduce Downtime & Costs – Minimize search times, setup losses, and delays

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Know More, Wait Less, Produce Faster - With Location & IIoT Data

Intralogistics & Production Tracking

Always know where your materials, tools, and equipment are.

- Reduce search times **by up to 80%** – Workers instantly locate what they need
- Track material flow in real-time
- Monitor vehicles, load carriers, pallets, and material across production & warehouses

Location- & IIoT-Based Automation

Eliminate manual processes with real-time location intelligence.

- Reduce manual scanning **by up to 85%** — No more barcode scanning
- Trigger workflows based on movement, geofences, and process rules
- Automate material replenishment to avoid shortages

Analytics & Process Optimization

Transform data into actionable insights to optimize workflows.

- Identify inefficiencies in workflows and material handling **by up to 30-50%**
- Heatmaps, trails & dwell-time analysis reveal congestion & idle time
- Spaghetti diagrams & route optimization improve efficiency

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RTLS Tells You Where – *AI Tells You Why*

The Challenge Today:

- **Too much data, not enough insight** – RTLS generates vast amounts of data, but turning it into real-time decisions is still a challenge.
- **Static dashboards are outdated** – Traditional BI tools require manual analysis, slowing down decision-making.
- **We need intelligence, not just information**

What if operators and managers could simply **ask about their shopfloor -** What's happening and what needs to be optimized?

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The Next Step?

Making RTLS and Shopfloor Data Truly Interactive

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Mission Shinka

(進化, jap.: evolution, transformation)

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Evolution

The progression of Inpixon RTLS

Adding AI and Business Data

Phase3 – Forsee

Better planning and forcasting for uplifting operations

Platform & Integrations

Phase2 – Acting

Generating unique insights and automations

Sensor & Devices (CSS, UWB, ...)

Phase1 – Sensing

Products for the purpose of generating location data

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Inpixon Product Portfolio

Complete and flexible RTLS & IIoT stack

Solutions

Inpixon IoT Platform & LE
- Smart Factory Module
- Smart Warehouse Module
- Smart Mining Module
- Smart Facilities Module

Standard Industry Interfaces
On-prem/ cloud
Multisite
Vendor independent

Infrastructure

Tags (In- Outdooor, Bat/Rechargable
Anchors (In- Outdooor, ETH/ Wireless)
Device Detectors (Security)

3rd Party Infrastructure
(BLE, Wi-Fi, IR, RFID)

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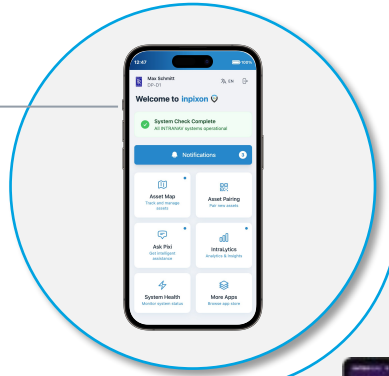
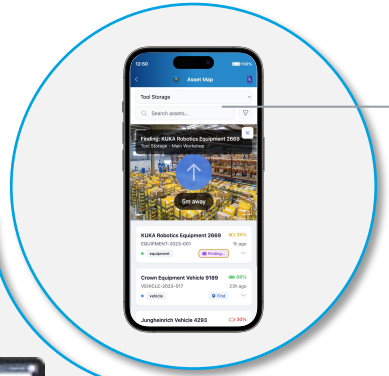
Inpixon AI Product Portfolio

All new factory intelligence roadmap

All new mobile App
Feel heartbeat of your Factory

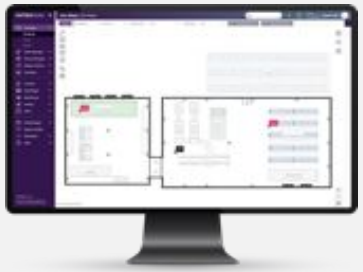




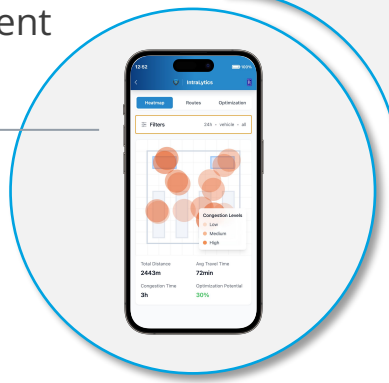
All new Track & Trace Experience
New tools for keeping up efficiency

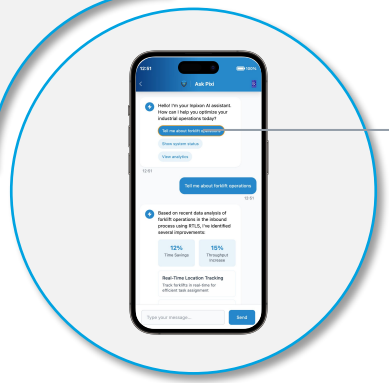
AI powered Solutions

- On-Time Delivery
- Shopfloor optimization
- OEE optimization
- Quality improvement
- Production throughput enhancement



Impactful Factory Analytics
Stay competitive with impactful insights





Ask Pixi!
Powerful Ai for better planning and forecasting

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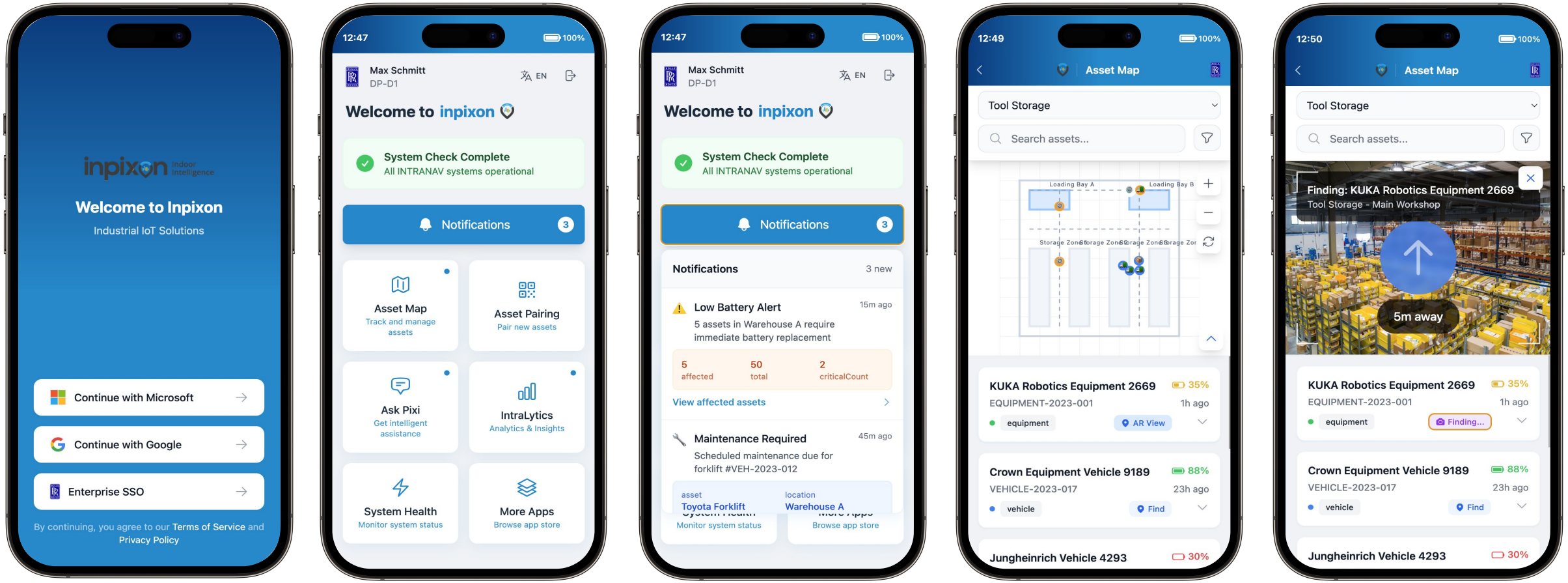
Inpixon RTLS App

Revolutionizing how customers experience Inpixońs RTLS platform



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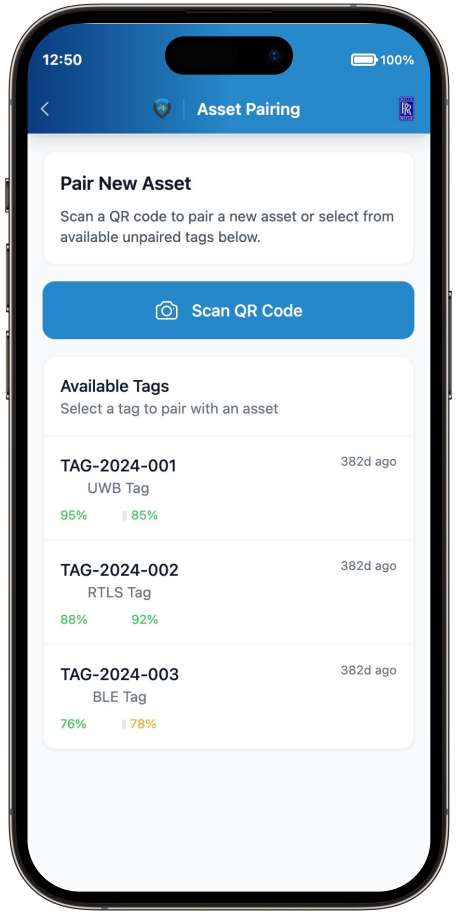
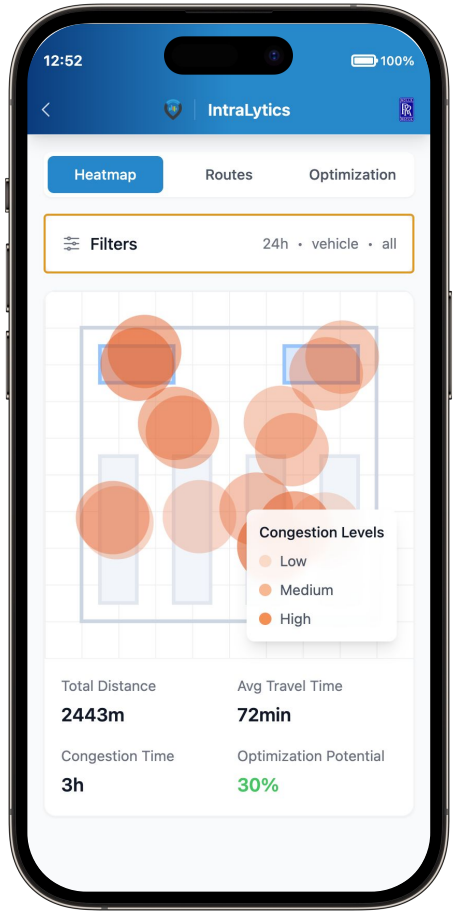
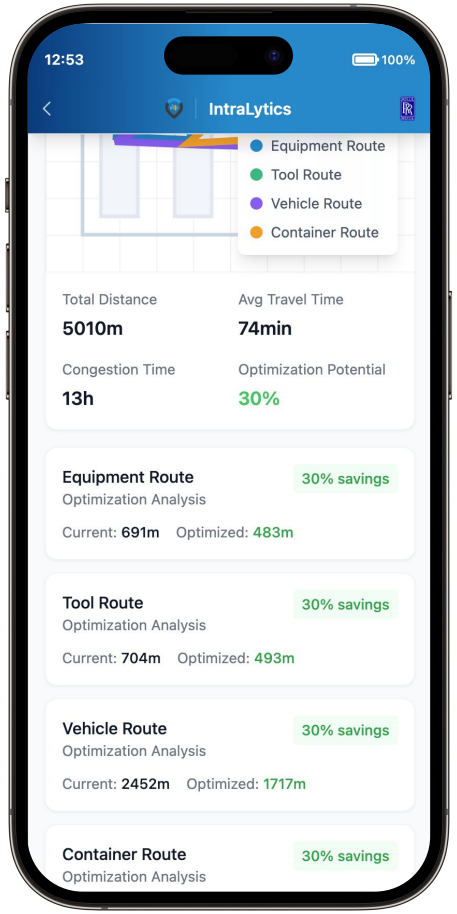
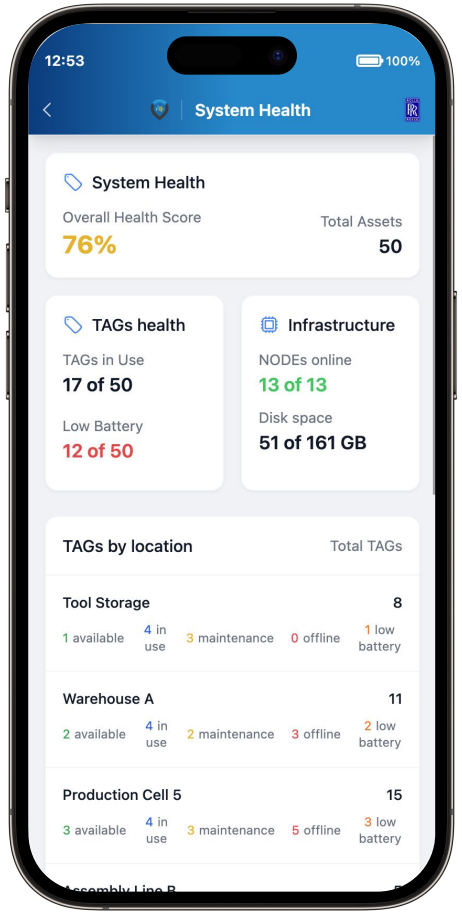
Inpixon RTLS App

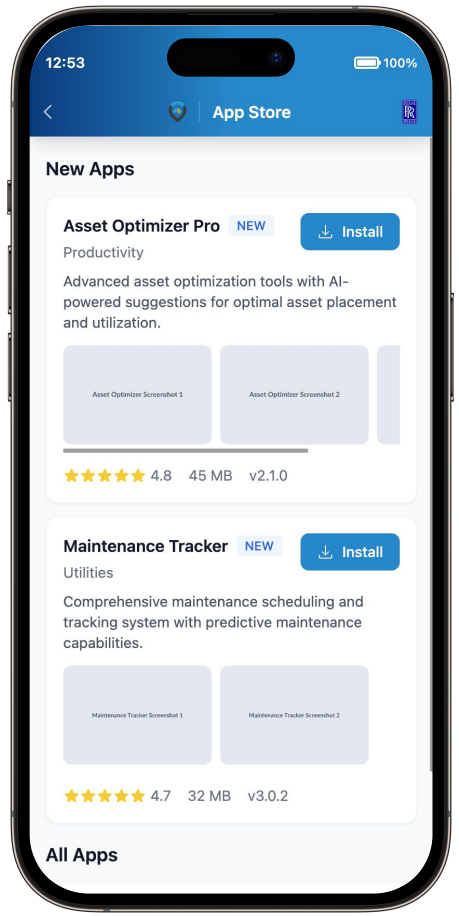
Revolutionizing how customers experience Inpixońs INTRANAV platform











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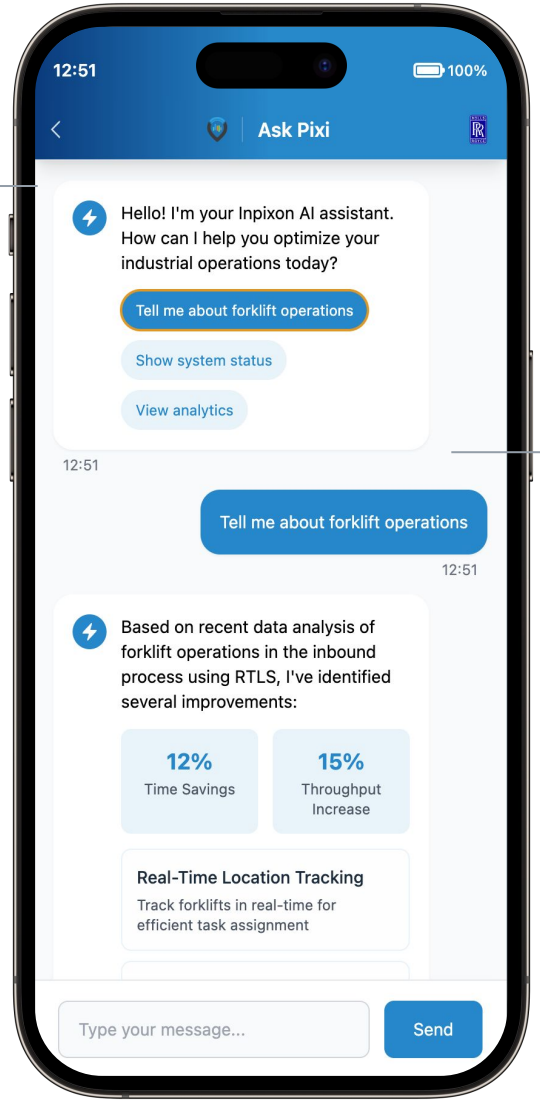
Ask Pixi!

Interact with your factory like never before

Ask about improvements
Utilizes RTLS and can apply Kaizen! Continues improvement. Shop floor optimizations.



Planning support
Get notified when planning adjustments are required. E.g impacting on-time delivery.

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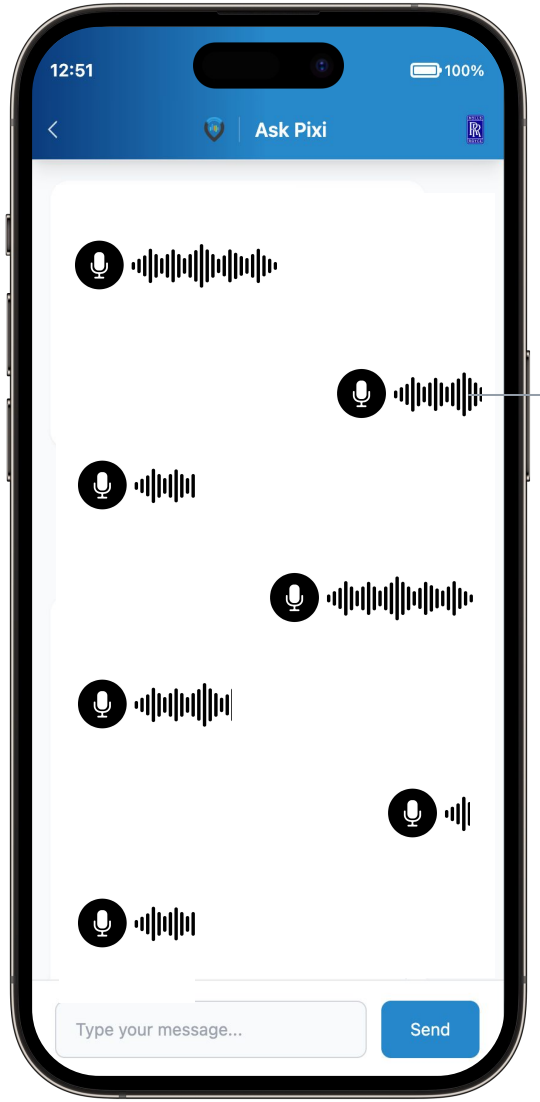
Call Pixi!

Did you ever send voice messages to your RTLS solution?



Pixi AI Support
Get instant help by calling or sending voice messages to Pixi!

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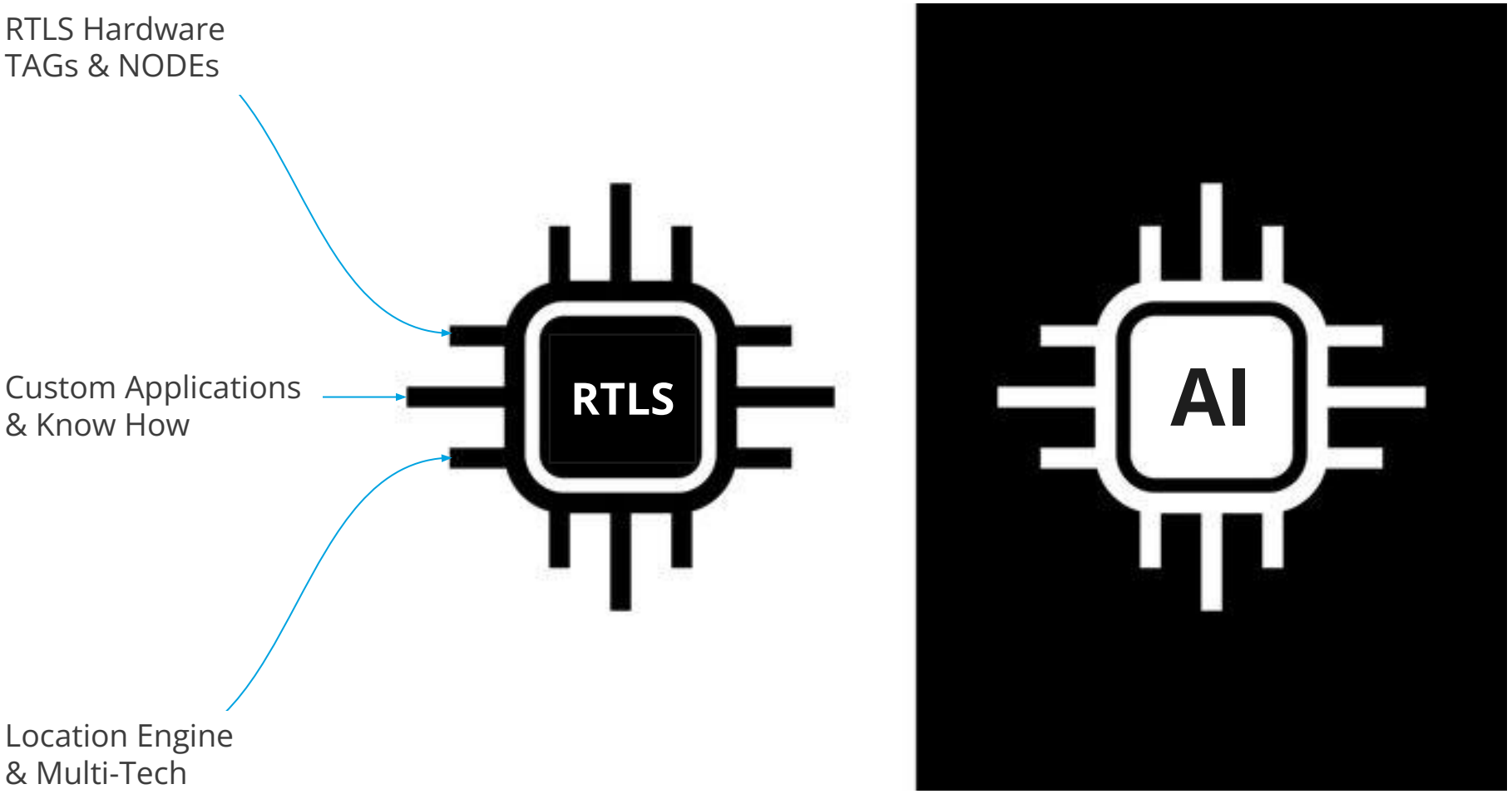
Flipping the Perspective

Implementing Inpixon AI – flipping the perspective from RTLS centric to AI centric



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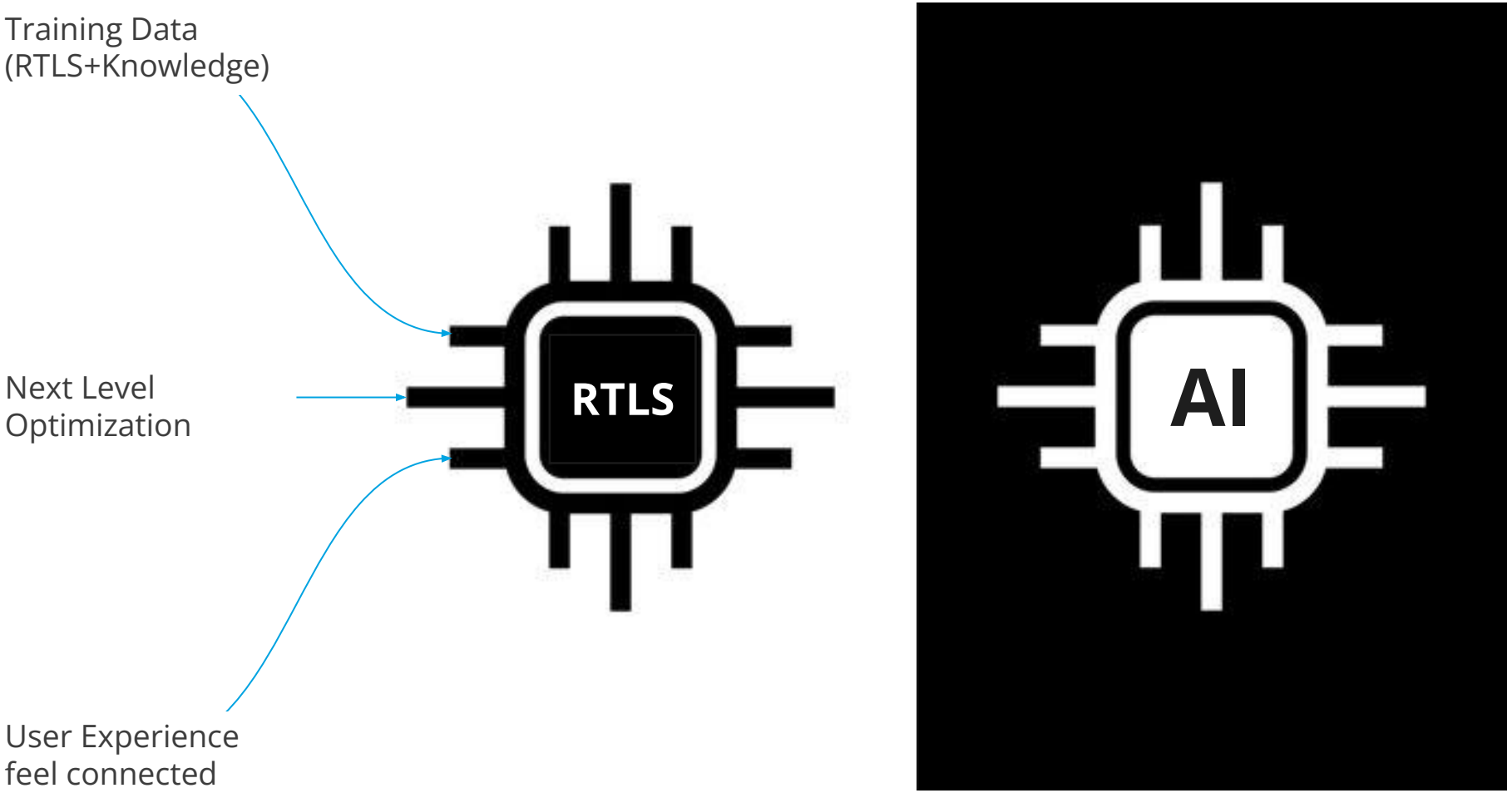
Flipping the Perspective

Implementing Inpixon AI – flipping perspective from RTLS centric to AI centric



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Creating a New Paradigm

Implementing Inpixon AI

進化

Shinka

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Let's Talk

Transform Your Factory with Inpixon AI

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