Implementing RFID To Track Work In Progress (WIP)

RFID Forum 2025

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Director of Pre-Sales & Innovation, Peak Technologies

FROM THE MANUFACTURING FLOOR TO THE DELIVERY DOOR



Digitally-connected supply chain and mobile workforce solutions through a dedicated team of innovative problem solvers.

DESIGNS

DELIVERS

MANAGES

PEAK TECHNOLOGIES IN NUMBERS

Founded
1981

Active Customers
12,000+

Employees
700+

Devices managed
600,000+

Average Customer Relationships
9.5+ years

Field Engineers
150+

KEY INDUSTRIES

RETAIL

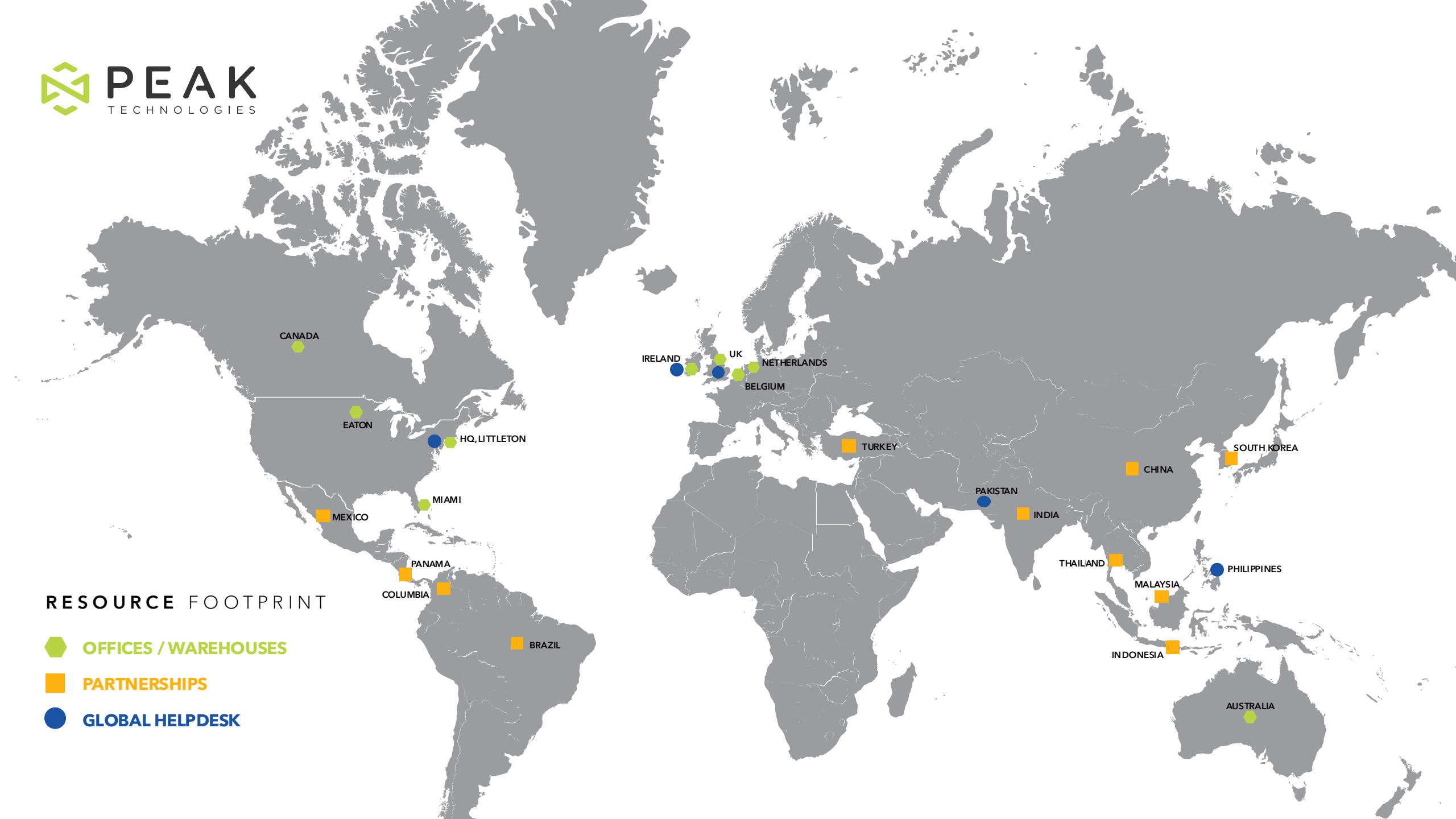
TRANSPORT & LOGISTICS / WAREHOUSING

MANUFACTURING / FACTORY

HEALTHCARE / LIFESCIENCES

PEAK TECHNOLOGIES

PEAK TECHNOLOGIES



RESOURCE FOOTPRINT

- OFFICES / WAREHOUSES
- PARTNERSHIPS
- GLOBAL HELPDESK

PEAK ASSET INSIGHTS

PEAK
ASSET INSIGHTS

Gain full control of your critical assets with **Peak Asset Insights**, providing **real-time tracking, optimized workflows, and cost savings**.

Track Any Asset, Anywhere
Improve visibility and minimize losses.

Reduce Asset Loss by 80%
Prevent misplacements and enhance security.

Save 500+ Hours Annually
Automate stock tracking and eliminate manual counts.

Match the Right Tech to Your Needs
Tailored solutions for maximum efficiency.





PEAK ANALYTICS

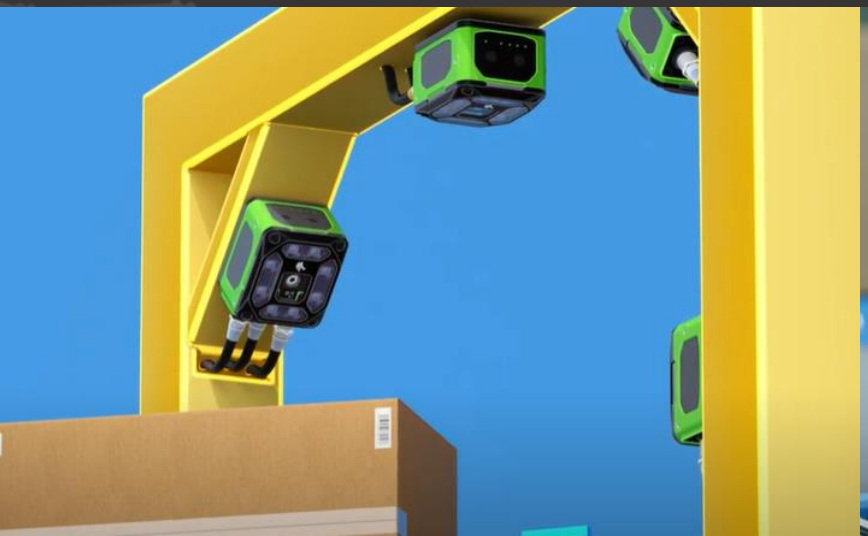
Unlock real-time visibility and automation with **Peak Analytics**, the **only vendor-agnostic, no-code AI solution** for high-volume logistics.

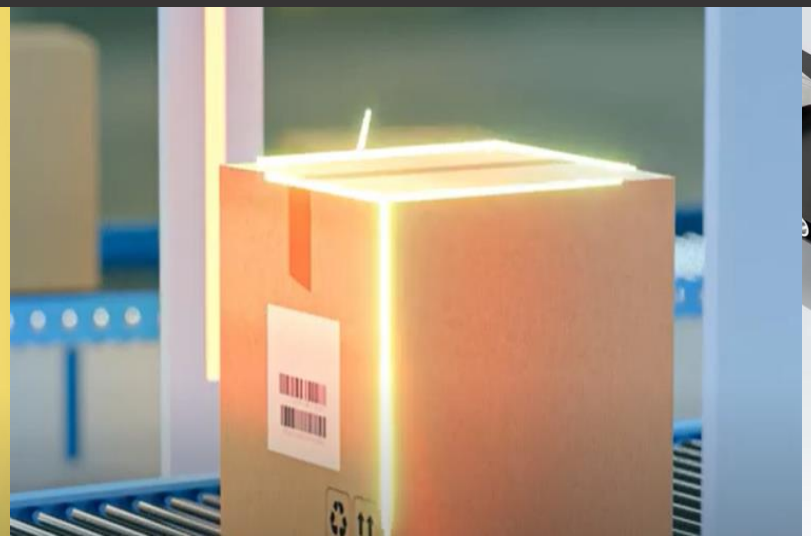
End-to-End Package Intelligence
Transform every package into actionable data.

Optimise Supply Chain Efficiency
Detect bottlenecks and enhance capacity utilisation.

Reduce Downtime
Proactive alerts prevent scanning issues before they escalate.

Increase Automation
AI-powered sorting, compliance monitoring, and exception handling.

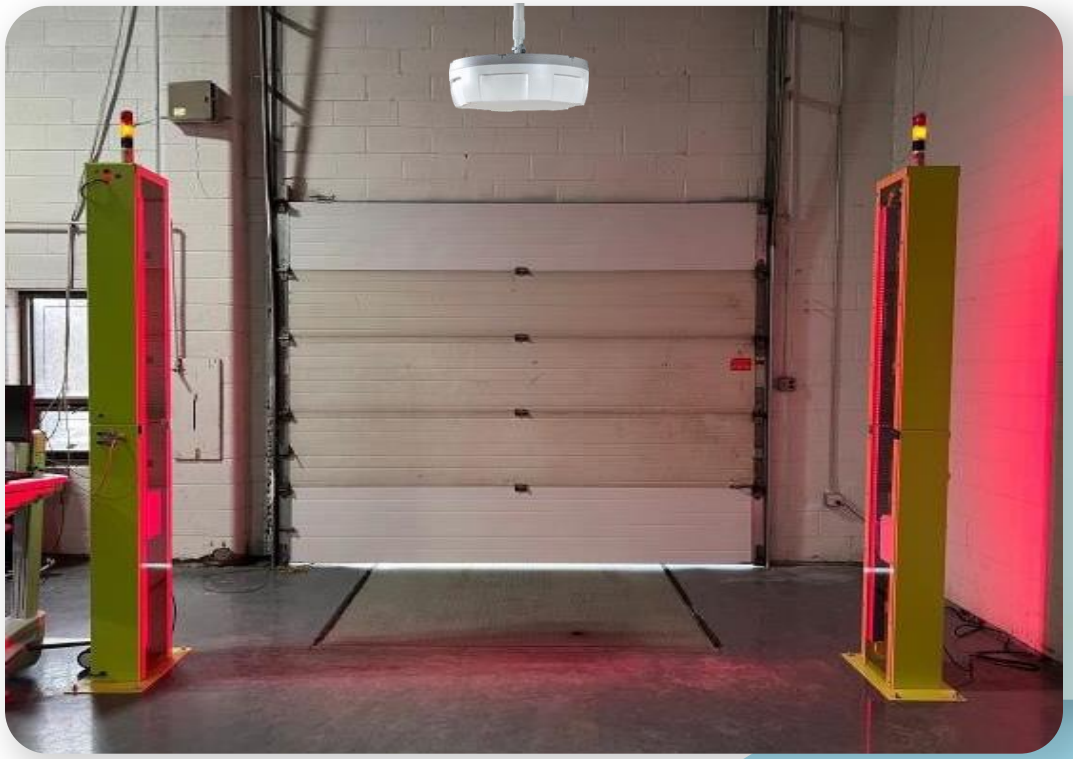






RFID SHIPMENT VALIDATION

DOCK DOOR SCANNING





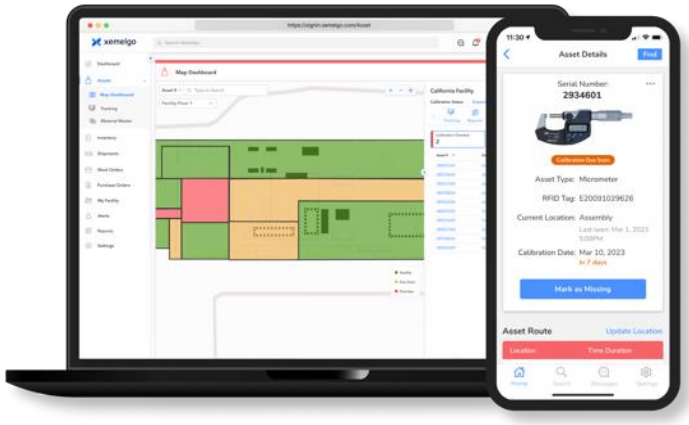


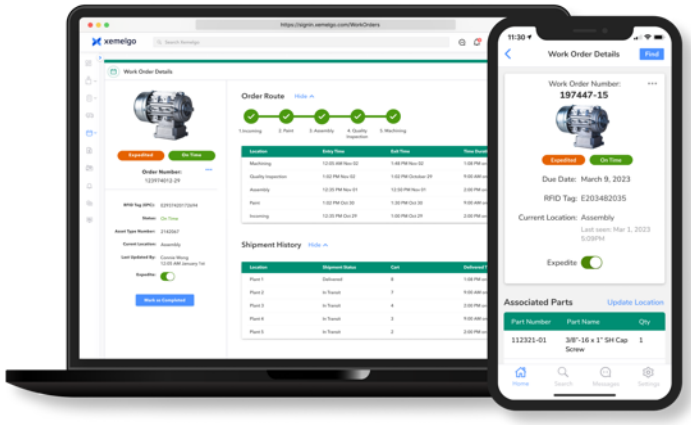
SMART SOLUTIONS

PEAK TECHNOLOGIES

Real-time visibility for Manufacturing, Supply Chain, and Logistics

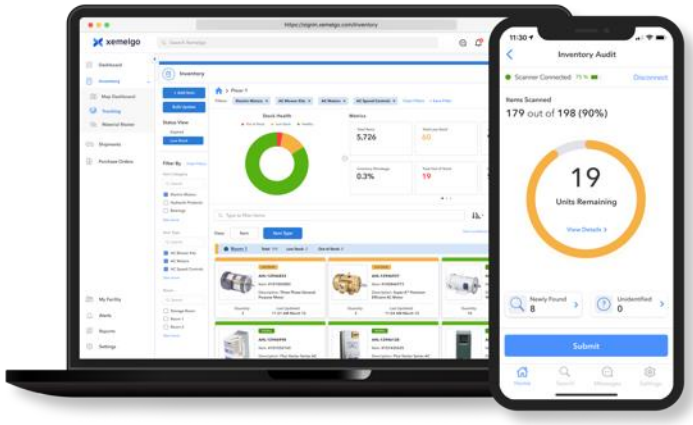
Asset Tracking

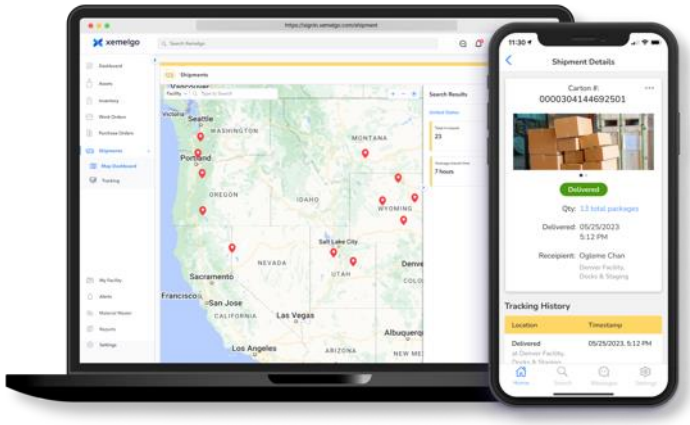




Work-in-Progress

Inventory Management

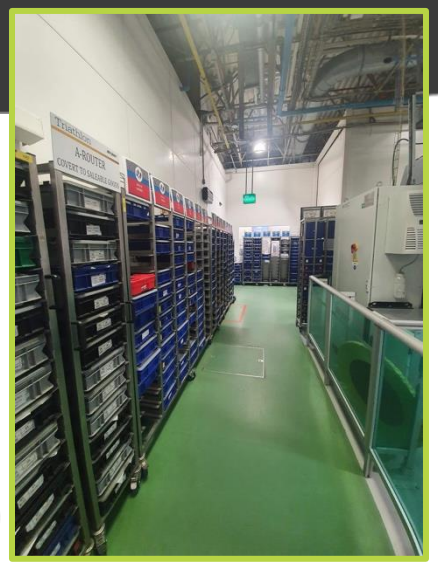


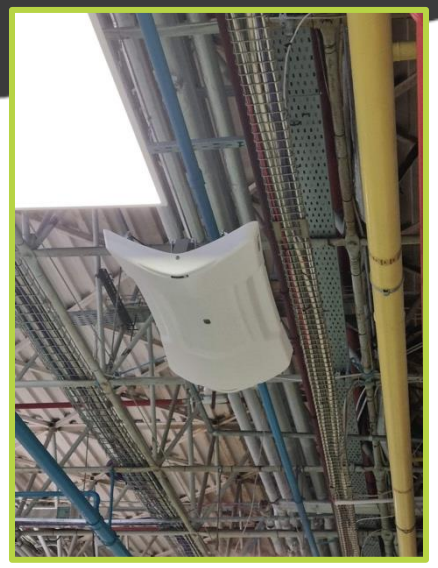


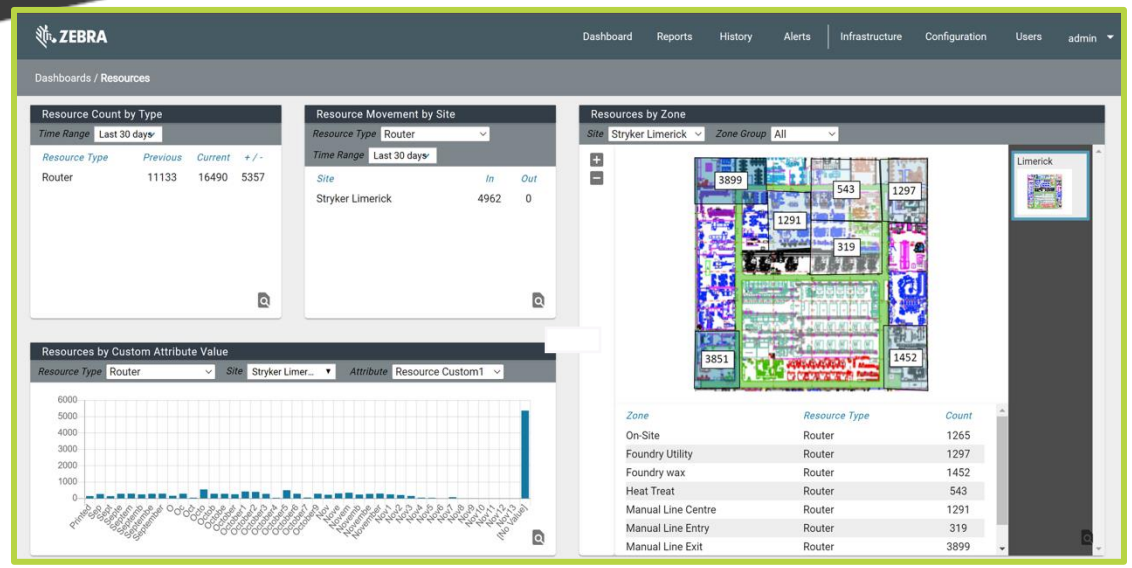
Shipment Tracking

STRYKER
WIP Tracking









The Problem

- Customer spending days searching for lost documentation
- All products tracked manually
- RFID label applied to documentation to track production of knee and hip joints

Zebra Solution

- Zone Based RFID Tracking with ST500 transitions readers
- Passive RFID label can be read any at any point in production
- MC 3300R Handheld can be used to locate document in each zone
- Provides automatic inventory update of all shop orders
- Cloud platform and mobile app show asset locations anywhere

Benefits

- Saves time, money and reduces loss
- Increase in productivity
- Automated RFID Label Printing
- Integration into SAP
- Expanding into other sites and use cases

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Stryker’s positive experience of Zebra / RFID systems.

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Damien Cahill
Operations Manager, Stryker

Stryker

Leading Medical Technology Company

Positively impact 150M patients annually

Revenue of over 22B in 2024



Stryker Limerick

994 employees

Power brand is Triathlon Femoral Knee Replacement

2644 SKU’s



Triathlon Knee System



Simplex MV / HV Bone Cement



GMRS / HMRS Oncology systems



DirectInject HA Bone Cement

Stryker / Zebra Relationship

Stryker Limerick create 400 Shop Orders every day

21,000 live routers on the Shop Floor at any one time



Pre RFID Scanning

- High Slow-Moving Counts
- WIP Reserve Issues
- EOY Cycle Count Write Off's

Post RFID Scanning

- Slow Moving Under Control
- WIP Reserve positive every month
- No EOY write off as no lost batches



Thank You



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