Thinaer Use Case: Inventory Management (Cycle Counting)

Automated inventory management re-directs 30 FTEs per year toward improved productivity.

CHALLENGE

Labor-Intensive Cycle Counts

Manufacturing companies often rely on labor-intensive cycle counts to manage inventory. These manual processes introduce errors—like misclassified inventory and inconsistent procedures. While cycle counts can prevent full production shutdowns, they fail to address broader disruptions that drain time and resources.

Challenges

- **Wasted time searching for inventory**
- **Bottlenecks and unplanned shutdowns**
- **Labor shortages across facilities**
- **Difficulty scaling to the entire operation**

SOLUTION

The Missing Link: Real-Time, Automated Inventory Visibility

Thinaer replaces manual cycle counts with always-on, real-time inventory tracking. Using BLE passive stickers, cellular beacons, and Wi-Fi gateways, the platform delivers AI-powered diagnostics through a centralized dashboard, accessible from any device.

Deployed across single or multiple sites, Thinaer's IoT sensors operate 24/7—without disrupting workflows or adding costs. By eliminating manual inventory checks, Thinaer becomes the missing link between outdated processes and true operational visibility.

RESULT

Visibility That Scales: From Pilot Gains to 3X Enterprise-Wide Results

A Fortune 100 aerospace manufacturer partnered with Thinaer to streamline inventory operations. The pilot freed up 30 full-time employees for higher-value work and delivered immediate productivity gains—paving the way for enterprise-wide adoption.

Thinaer helps manufacturers reduce labor strain, speed up inventory access, and minimize downtime with real-time, AI-powered insights. Built-in employee feedback ensures adoption and optimization without disrupting operations—accelerating success across the organization.

From PoC to multi-division expansion

During the pilot with a Fortune 100 aerospace manufacturer, Thinaer's platform delivered measurable productivity improvements—enabling the redeployment of 30 full-time employees to more strategic roles. The pilot's success, combined with strong employee adoption, led to an enterprise rollout across three divisions within two years.