

Dot Ai + Würth

AI-Powered Inventory Management + Supply Chain Optimization



Know where. Smarter.

The exclusive partnership between Dot Ai and Würth Industry brings together AI-powered Asset Intelligence and world-class inventory management solutions.

The Zero Infrastructure Mesh or ZiM IoT from Dot Ai provides **unparalleled, real-time visibility of all assets in your environment**. This fixed device eliminates the need for handheld scanners and other costly infrastructure. Asset Intelligence with actionable, AI-powered analytics enhance your business, **predict demand, bottlenecks, and optimize processes with AI-enhanced inventory data**.

Real-Time Asset Tracking

- Customize visibility to meet your business needs
- Mobility tracking in transit
- Real-time visibility & customizable geofencing
- Easily transition with the same devices indoors & outdoors

AI-Powered Predictive Analytics

- Anticipate & solve potential disruptions before they impact your bottom line
- Heatmap your processes & asset locations
- Powerful rules improve operational agility & optimize your Factory 5.0

Customizable Dashboards

Get actionable insights from an AI-engine uniquely tailored to your workflows.



The Future of Inventory Management

By leveraging Würth's world-class inventory solutions with Dot Ai's cutting-edge AI tracking technology, you gain:

- ▶ Unprecedented inventory accuracy
- ▶ Reduced operational costs
- ▶ Stronger supply chain resilience
- ▶ Scalable, future-proof technology

Ready to take control of your supply chain?

Reach out today to see how Dot Ai and Würth can help your business at info@daic.ai



Würth CPS® Kanban + Vendor Managed Inventory (VMI)

The Würth CPS® Kanban and Vendor Managed Inventory (VMI) storage and inventory management systems ensure your parts stay fully stocked and readily accessible.

Where you'll benefit:

- > Optimal inventory availability during production
- > Transparent purchasing processes
- > Less time spent on procurement, more time focusing on your core business
- > Access to the **Würth Group's global buying power**
- > Reduced Working Capital
- > Optimal lot traceability and quality control
- > Flexible supply chain management
- > Reliable just-in-time supply

Customized VMI replenishment programs are tailored to your facility's workflow and adjust based on real-time Asset Intelligence from Dot Ai.

When you partner with us to handle your industrial inventory management, **we monitor and manage the materials at your facility.** Instead of placing orders for specific quantities of products yourself, we ensure that the right amount of inventory is available at your site to meet demand.

Your facility's workflow and needs determine the locations and size of your program. We walk your lines and partner with all relevant departments of your business to optimize your material flow.

Our support team uses the data collected by Dot Ai to order and schedule deliveries to the point of use, optimize stock levels, and provide customized forecasting information. The data is also accessible to you on the Dot Ai cloud-based software at any time.



- > Increased assembly efficiency
- > 20%-40% floor space saved
- > Up to 35% reduction in indirect material consumption
- > Reduced total cost of ownership
- > Maximized efficiency of purchasing, production, and material flow
- > Access to deep data, reporting, and tracking
- > Cost savings from supplier consolidation
- > Partnership with our expert purchasers and forecasters to ensure consistent supply



Asset Intelligence Advantage

Why Dot Ai + Würth Outperform Traditional RFID Systems



Smart Asset Tracking

Attach smart tags to your assets to enable automated, real-time tracking, without expensive manual scanners.

AI-Powered Monitoring

AI analyzes inventory levels, validates movement, and provides predictive insights that improve accuracy and efficiency.

Optimize Replenishment

Leverage Würth's CPS® Kanban and VMI systems with real-time data to optimize replenishment and dynamic planning.

The Dot Ai Difference: It's Würth it.

Feature	Asset Intelligence from Dot Ai + Würth	RFID Legacy Solutions
Tracking Range	Up to 90 feet, 360 degree coverage	Typically under 10 feet, requires multiple readers
Scanning Requirements	Fully automated, no manual scanning	Requires handheld or fixed readers
Human Error Reduction	Eliminates human intervention in scanning	Prone to misreads, duplicate scans, and interference
Real-Time Visibility	Live updates with continuous IIoT tracking & AI validation	Delayed periodic updates leave large gaps in process
Cost Savings	Significantly reduces hardware & infrastructure costs, and costs related to error and labor	Complex and costly initial costs, additional infrastructure costs with maintenance and scalability
Security + Compliance	AI-powered anomaly detection & cloud encryption	RFID is prone to cloning, hacking, loss and signal interference
Environmental Resistance	Functions with metal & liquids, rated for harsh conditions	RFID struggles with operability in challenging environments
Scalability	Seamless expansion with cloud-based architecture	Costly physical infrastructure and limited scalability
Seamless Integration	Fully compatible with Würth CPS® Kanban & VMI, SAP, Oracle and custom systems	Limited, complex ERP/WMS integration
Supply Chain Efficiency	End-to-end integration with Würth's Kanban, VMI, and kitting solutions, AI insights and automated replenishment	Manual processes and incomplete data slow response time
Inventory Optimization	Würth's tailored inventory management solutions ensure precise stock levels	RFID provides basic tracking, requiring additional stock audits
Implementation Speed	Weeks to months, with phased deployment	Months to years, requiring large-scale infrastructure changes
Versatility	Can be deployed across a wide range of industries	Limited to inventory tracking and access control
Sustainability	Minimal e-waste, cloud-based tracking, and optimized inventory reduce excess stock	RFID creates electronic waste with disposable readers and large infrastructure that needs frequent replacement

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