

From Automation to Autonomous Manufacturing

Autonomous Manufacturing Intelligence Platform

INDXO's AMIP is an autonomous manufacturing platform that unifies data from digital, semi-digital, and non-digital machines, PLCs, robots, sensors, and enterprise systems into a single source of operational intelligence. By fusing real-time sensor data, computer vision, and machine learning, AMIP transforms that intelligence into predictive insights and autonomous decisions that enable self-optimizing production lines.

Built on Intel® Core™ Ultra Processors (Series 2) and Intel® Xeon® processors and optimized with the OpenVINO™ toolkit, the platform delivers low-latency inference at the edge, enabling instant detection of quality defects, equipment anomalies, and process deviations before they impact production. Combining Intel® compute and AI acceleration with domain-specific intelligence, AMIP helps operators move from reactive to autonomous operations—driving efficiency, consistency, and resilience across the plant floor.



*INDXO's Autonomous Manufacturing Platform connects machines, sensors, and enterprise systems to deliver **real-time manufacturing intelligence, predictive analytics, and AI-driven quality control.***

Key Intel-Enabled Features



Quality Inspection



Real-Time Insights



Predictive Maintenance



Flexible Deployments

- [Intel® Core™ Ultra Processors \(Series 2\)](#) and [Intel® Xeon® D processors](#) enable real-time AI inference at the edge, helping manufacturers act on operational insights with low latency.
- [OpenVINO™ toolkit](#) and Intel's [Manufacturing AI Suite](#) streamline AI deployment and optimization, helping accelerate quality inspection and predictive maintenance applications.
- Intel-based edge platforms support flexible deployments across devices, gateways, and factory environments while enabling local processing and enterprise-grade reliability.

By leveraging Intel® technologies, INDXO AI's solution addresses reactive maintenance, quality variability, and disconnected shop-floor systems with edge AI-driven monitoring, prediction, and optimization.

Ordering Guidance: [Contact Us](#)

Country/Geo: Asia Pacific, Japan, Australia & New Zealand; India

Edge Verticals: Manufacturing & Industrial; Enterprise

Edge Use Cases: Quality Control; Operational Efficiency; Anomaly Detection; Quality Inspection; Predictive Maintenance; Process Optimization

Learn more:

- [Indxo AI Website](#)

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