

Digital Twin Intelligence for Smarter Logistics Operations

Harmony Digital Twin Platform

Harmony Digital Twin Platform by Arendai is an edge-native operational intelligence solution that helps manufacturers, warehouses, and logistics operators gain real-time visibility, simulation, and control across facilities, assets, and robotic fleets. The platform creates a live digital twin of operations, enabling organizations to model workflows, optimize layouts, coordinate heterogeneous fleets of AMRs and AGVs, and identify bottlenecks before they impact productivity. Leveraging AI, IoT, RTLS, analytics, and robotics orchestration, Harmony transforms operational data into actionable insights that improve throughput, resource utilization, and decision-making.

Built to leverage Intel® Core™ Ultra Series 3 processors and Intel® Xeon® 6 processors, and optimized with the OpenVINO™ toolkit, the platform enables low-latency edge intelligence, scalable fleet coordination, predictive maintenance, and real-time operational optimization. The result is a unified, robot-ready foundation that accelerates automation, reduces operational inefficiencies, and supports Industry 4.0 transformation initiatives across manufacturing and logistics environments.



Key Intel-Enabled Features



Edge AI
Performance



Scalable
Twin Engine



Predictive
Operations



Robotics
Orchestration

- [Intel® Core™ Ultra Series 3 processors](#) accelerate low-latency edge AI inference and real-time operational intelligence.
- [Intel® Xeon® 6 processors](#) scale digital twin and simulation workloads.
- [OpenVINO™ toolkit](#) accelerates AI inference and predictive insights.
- Intel® architecture enables intelligent multi-robot coordination.

By leveraging Intel® technologies, Harmony Digital Twin Platform by Arendai helps manufacturers and logistics operators overcome fragmented visibility, siloed robotic systems, and inefficient workflows, enabling real-time optimization, coordinated fleet management, and improved operational efficiency.

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*Harmony Digital Twin Platform by Arendai delivers real-time operational visibility, digital twin intelligence, and robotic fleet orchestration to **optimize workflows, improve throughput, and accelerate automation.***

Ordering Guidance: [Contact Us](#)

Country/Geo: United States; Canada; Europe, Middle East, and Africa; Asia Pacific, Japan, Australia & New Zealand

Edge Verticals: Smart Cities & Transportation; Manufacturing & Energy; Robotics; Enterprise

Edge Use Cases: Process Optimization; Fleet Management; Anomaly Detection; Autonomous Mobile Robots

Learn more:

- [Arendai Inc Website](#)