

Develop Self-Driving Industrial Equipment in Weeks

OmniSuite

OmniSuite is an end-to-end full stack turnkey physical AI platform that enables OEMs to add autonomous navigation capabilities to industrial equipment in weeks instead of years. Combining perception, control, navigation, safety, diagnostics, UI, Fleet Management, API and Application Layers in a complete navigation stack, the solution eliminates the complexity of building and training custom autonomy systems from scratch.

Designed for applications ranging from material handling and personal mobility to facility maintenance and healthcare automation, OmniSuite delivers reliable self-driving operation without GPU dependency or AI model training. Built on Intel® Core™ Ultra processors and optimized with OpenVINO™ toolkit and Intel® SceneScape, the solution provides efficient edge AI inference, real-time perception, and scalable deployment across a wide range of autonomous equipment.



Key Intel-Enabled Features



Autonomous Navigation



Machine Vision



Vision-Based SLAM



Rapid OEM Integration

- [Intel® Core™ Ultra processors](#) enable real-time machine vision and navigation workloads for responsive autonomous operation at the edge.
- [Intel® AI Boost](#) accelerates onboard AI inference, helping autonomous equipment make faster perception and navigation decisions.
- [OpenVINO™ Toolkit](#) optimizes and streamlines deployment of computer vision workloads across Intel-based autonomous platforms.
- [Intel® SceneScape](#) supports advanced spatial awareness and environmental understanding for reliable navigation in complex environments.

By leveraging Intel® technologies, Cyberworks Robotics' OmniSuite helps OEMs overcome the cost, complexity, and lengthy development cycles traditionally required to bring autonomous equipment to market.

OmniSuite by Cyberworks Robotics helps OEMs deploy self-driving industrial equipment faster without GPU dependency or custom AI model training.

Ordering Guidance:

- [Contact Us](#)

Country/Geo: Worldwide

Edge Verticals: Manufacturing; Robotics

Edge Use Cases: Operational Efficiency; Process Optimization; Autonomous Mobile Robot; Automated Guided Vehicle

Learn more:

- [Cyberworks Robotics Website](#)



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