
YOUR FACTORY IN CONCERT

Conduct your factory
floor with the Idealworks
Orchestration System

Go from fragmented to orchestrated

Idealworks transforms industrial environments into efficient operations where logistics, robotics, and software work seamlessly together. Founded in 2020 as a subsidiary of BMW Group, Idealworks develops and operates automation solutions proven in demanding production environments.

At the core is the **Idealworks OS** (Idealworks Orchestration System) — the control layer that connects heterogeneous robots, peripheral devices, and IT systems through a single operational logic. Developed on the BMW Group factory floor, Idealworks OS integrates simulation, intelligent fleet management, and multiple vehicles across complex workflows. Idealworks delivers and operates automation systems end to end, providing a single accountable partner for system design, orchestration, and long-term performance.

Centralized Orchestration

Coordinates tasks and traffic across all robots and systems, ensuring predictable behavior in mixed traffic.

Live System Visibility

Provides real-time insight into fleet status, missions, and operational performance.

Standards-Based Integration

Unlocks scalability through open interfaces for vendor-agnostic connectivity.

Built for Scale

Maintains stable performance as fleets, sites, and partners grow from initial deployment to multi-site operations.