

---

# 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.



1,700+

Robots in operation

14.7 M

KMs driven

64.1 M

Orders completed

## From Sim to Live

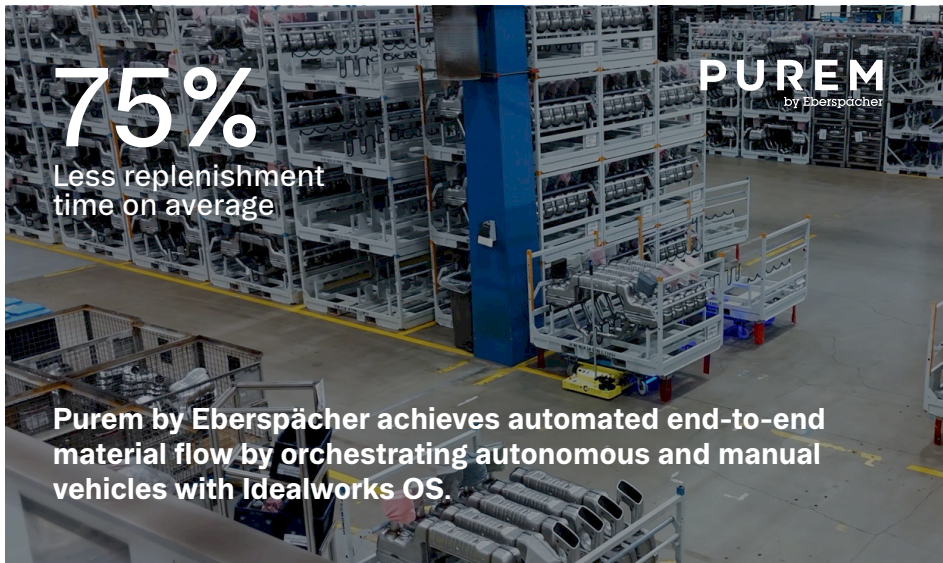
Automation begins before hardware moves. Idealworks' simulation technology creates high-fidelity digital twins of your logistics and production environments, merging virtual simulations with real-world robotics. By testing robot behavior, optimizing material flows, and validating system performance in a virtual environment, you can plan smarter, adapt faster, and reduce deployment risk. The result: faster implementation, better decisions, and a seamless transition from simulation to live operations.

---

## Industrial Robots

Built in production, proven under pressure: Idealworks' robotics portfolio supports a wide range of material transport tasks and operates safely in mixed-traffic environments. Designed for industrial automation, the systems integrate hardware and software as a unified stack, ensuring consistent performance, predictable behavior, and reliable operation in complex environments.

# Set new standards for your factory



**“Since implementing the AMRs, we’ve reduced production downtime caused by missing or delayed material delivery to nearly zero.”**

– Björn Bieg, Director Production Control & Logistics at Purem by Eberspächer



“In the end, two factors were crucial to the rapid success of this project. At CLAAS, all parties worked together seamlessly, and Idealworks provided excellent support.”

– Torben Süllwald, Global Coordinator of Service Function Material Flow Technologies at Claas



“Integrating the AMRs with our WMS was entirely new territory for us. However, together with Idealworks, we developed these interfaces in record time and got them up and running on schedule.”

– Stefan Wuggazer, Branch Manager at Noerpel Giengen I



“Idealworks has revolutionized our logistics operations. Their advanced solution portfolio and expertise have driven remarkable improvements in efficiency, flexibility, and safety.”

– Peter Kiermaier, Head of Industrialization Innovations and Logistics Planning Dingolfing & Debrecen at BMW Group



“The true strength of Idealworks OS lies in its intuitive handling. Creating missions or resolving issues is incredibly straightforward.”

– Thierry Mongondry, Supervisor Logistics Operations at MoldTecs Laval

---

## Our Customers

Idealworks supports customers across automotive, manufacturing, and warehousing in Europe, North America, and beyond — orchestrating factories in concert for seamless operations.



---

## Partner Network

Idealworks partners with robot manufacturers, software providers, and technology leaders to turn individual innovations into coordinated, production-ready automation.



---

## Service Partner

We work with service partners and system integrators to deploy automation reliably — from first rollout to scaled operation across sites.



---

**Contact us**

We facilitate your intralogistics challenges and aspirations — from initial planning to production deployment and long-term system operation. Please reach out at [sales@idealworks.com](mailto:sales@idealworks.com).

