

Warehouse management system (WMS)

Reducing complexity and increasing productivity end-to-end

Today's warehouse operations face a growing number of challenges. Organizations must manage increasingly complex supply chains, while contending with a growing amount of ecommerce orders, and satisfying continuously evolving customer requirements and stringent SLAs.

As a result, warehouses must run at peak efficiency, irrespective of their size and operational complexity.

They face many common challenges, including:

- Customers demanding shorter delivery times and 100% accurate fulfillment
- Increasing return rates
- Hiring and retaining skilled labor
- Seasonal fluctuations of order volume
- Growing complexity of the regulatory environment
- Managing and governing change as processes evolve.

Most organizations face additional challenges which vary by the size of their warehouse operations and sector.

Challenges for small to medium warehouses

Customers with small to medium-sized warehouses often use basic warehouse management software which may require manual and paper-based processes. Common issues include a lack of visibility into their inventory, and solutions that cannot scale to accommodate growth and evolving business models. They may also find it difficult to integrate the WMS with their existing ERP solutions, which prevents automating processes between the two systems.



Key benefits of Körber's WMS

Flexible technology platform

A future-proof, flexible technology platform that will evolve with your requirements.

- Cloud or on-premises deployment
- Fully mobile-enabled functionality
- Integration of complementary technologies like IoT-sensors, robotics, and augmented reality.

Complete digitization of your warehouse

Capture data across the warehouse to enable complete transparency. The data can also enable the use of ML and AI technology for predictive analytics and process optimization.

Tailored solutions

Highly adaptable solutions, with add-ons providing incremental functionality. This allows for accurate, optimized processes that reduce effort and cost, and increase productivity.

End-to-end functionality

End-to-end processes can be enabled by integrating warehouse management solutions with other supply chain applications (e.g. TMS, YMS), with ERPs and with complementary IT systems.





End-to-end warehouse management solutions

Our warehouse management expertise ensures optimized supply chain processes, keeping you competitive in a changing landscape. Our adaptable WMS solutions can be customized to your exact requirements too, with full integration of your existing ERP and other supply chain solutions, including transportation or yard management.

Small to medium sized warehouse solutions

For small and medium-sized warehouses, our solutions support best-of-breed functionality out-of-the-box, and provide immediate visibility into inventory, people and processes. They're flexible too, with configurable functionality for tailoring the solution to fit your existing processes and to accommodate future changes.

Large and complex warehouse solutions

Our solutions for large, complex warehouses – often found in enterprise-level distribution centers – are highly customizable and performant. They support the variety and complexity of processes, as well as the high throughput rates required in these environments. They can also easily be integrated with material handling equipment from various vendors, supporting even the highest levels of automation.

Challenges for large, automated warehouses

Organizations with complex, and often highly automated, warehouses or distribution centers need customizable WMS solutions for specialized supply chain processes. These will provide accurate visibility into complex inventories with a multitude of SKUs. They also need to support integration into customers' existing IT landscapes, however complex. Achieving high throughput rates with repeatable accuracy is another common challenge, as is the integration of a mixed portfolio of Material Handling Equipment (MHE) to achieve high degrees of automation.

Challenges for 3PLs

3PLs and logistics service providers of all sizes must host multiple clients in one system. New clients expect to be provisioned quickly, with their different business processes available and accurately implemented. Other common challenges for 3PLs are the need to standardize processes across clients as much as possible, to reduce cost, and to accurately track and bill all provided services to prevent revenue loss.

3PL warehouses

Our solutions for 3PLs and logistics service providers support multi-client operations with multiple product categories, all from inside the same warehouse. They include simplified onboarding of new clients, and flexible, speedy configuration of warehouse processes for each customer. There's other 3PL-specific functionality too, such as a flexible invoicing system, EDI connectivity and the management of value-added services like pre-assembly.

“We chose K.Motion WMS X because of its ability to provide superior transparency of our stocks, continuous barcode scanning, and support for the extended voice system that vitally contributes to high picking quality.”

Frank Walter

Logistics Manager of Mediq Deutschland GmbH

The Körber difference

We offer a highly adaptable portfolio of warehouse management solutions. With our extensive expertise in warehouse management across our customers' industries, and implementation experience from more than 1,600 customer deployments, we can fully optimize your entire operation.

Regardless of your operation's size and complexity, our professional services team will tailor and optimize your WMS for your processes. Ultimately, we will help you will meet and exceed your customers' expectations while operating at peak efficiency.

We offer a unique perspective that is both global and local. No other WMS vendor has a comparable global footprint, and the capability to support local organizations with regional presence. Customers all over the world have developed and expanded their businesses thanks to this.

“Our strength is an adaptable approach to a broad and deep solution portfolio. From a warehouse management perspective, there really isn't a scenario that Körber can't address.”

Craig Moore

Vice President of Sales, Körber

KPIs and numbers

Cloud-first WMS

Analysts¹ predict that cloud-based WMS will represent 55% of deployments by 2025.

Global customer base

We have 1,600 WMS customers across the Americas, Europe and Asia.

Future-proof

Due to the continuous availability of upgrades and support, our customers have operated WMS systems for 15–20 years.

Customer retention

We have a 99% customer retention rate.

Increased warehouse productivity

Our customers consistently achieve increased productivity of up to 50%.

Warehouse management in use



Fox Motorsport

In 2007, Fox Racing had 147 distribution center employees but no WMS. Thanks to our software, which allows them to continually enhance processes, they have grown their business by more than 100% and operate with 65 people in distribution.



Mediq Germany

Mediq provides logistics processing services for over 8,000 products used in medical homecare, physical rehabilitation and orthopedic services. They selected a Körber WMS because of its built-in capabilities around managing batches, best-by dates and serialization, dangerous goods management, order management, picking with Pick-by-Voice, shipment consolidation and parcel shipment control.

To find out more our warehouse management solutions, go to:

www.koerber-supplychain.com/supply-chain-solutions/supply-chain-software/warehouse-management

References

1. Grand View Research, “WMS Market Size Worth \$5.72 Billion By 2025” – <https://www.grandviewresearch.com/press-release/global-warehouse-management-system-wms-market>

