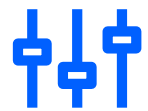


# Warehouse Control Systems (WCS)

Centralized control of all material handling equipment (MHE) for optimum material flow

Investments in automation equipment ultimately lead to gains in throughput and productivity. However, warehouses often have a portfolio of MHE from multiple vendors, making it virtually impossible to run the MHE as a unified system.

The resulting challenges are substantial:



Performance optimization is virtually impossible – different systems need to be managed separately



Tracing and fixing malfunctions is time-consuming and difficult



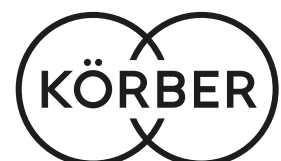
Material routes have to be adjusted manually in case of malfunctions



A lack of end-to-end visibility across the automation chain



Separate control software for each system requires different skill sets



## What is a WCS?

A central point of control for managing and optimizing your entire portfolio of material handling equipment.

It works across different vendors and types of automation device, including:



Shuttle systems



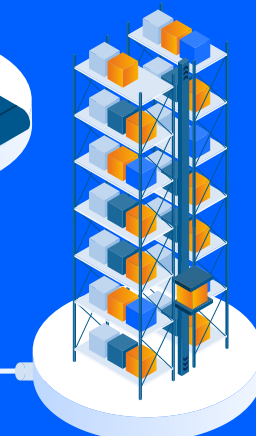
Sorters



Conveyors



Automatic storage and retrieval systems (ASRS)



High-bay warehouses (HBW)

## Key capabilities include:

- Management of all common vendors and types of conveyor and storage technology
- Automatic adjustment of material flow in the event of malfunctions
- Support for all common automation workflows
- Constraint-based algorithms, which enable optimization strategies
- Offline emulation mode for automation simulations
- Database-driven architecture supporting growth of transactions

“Many of our customers use our warehouse control system in highly complex operations with millions of communication telegrams per day. Our system efficiently manages their entire material flow and allows them to fully benefit from their investment.”

**Ralf Leuthner, Körber**

## Core benefits



One system to manage and control MHE from all major vendors



Seamless integration of virtually all types of automation technology



Scales to accommodate changes in transaction volume at no extra cost



Integrates with the WMS for optimum control of automation equipment



Visualizes the entire material flow with intuitive dashboards

## Why Körber WCS?

Truly **vendor agnostic**

Backed by decades of WCS-specific **knowledge** and technical **expertise**

A **collaborative** and **tailored** approach

Körber Supply Chain  
[koerber-supplychain.com](https://koerber-supplychain.com)

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