

Yard management system

Optimize your entire distribution and logistics operation

Supporting both manually controlled and automated factory yards and plants, Körber's yard management system (YMS) gives you the tools and the transparency to operate your yard at maximum flexibility, significantly optimizing your processing times and resources.

Today's biggest yard management challenges

Impacting multiple industries, but notably logistics service providers, effective yard management is crucial for maintaining business success. Poor yard management presents a number of challenges, particularly for businesses with numerous entrances and exits to their distribution centers, halls or loading points, or ports with complex container yards.

Imports and exports are very highly regulated, and laws and levels of stringency vary in different territories and countries. Generally, regulatory requirements demand a certain level of transparency. Without it, day-to-day operations can be heavily disrupted.

So there is a need for a high level of external visibility of process and inventory to allow operational flexibility.



Some carriers and fleets have specific and unique processes, and the requirement to shift between them can cause complexities if not carefully managed or automated.

Differing processes and functionality across sites, territories and countries also makes it harder to manage multiple yards in parallel. Ultimately, the resultant inflexibility can limit a business's ability to adapt to new market conditions, creating barriers for expansion and development.

Key benefits

Scale and complexity

Management of medium-to-large-sized facilities and complex container parks.

Seamless integration

Easy integration for multi-yard, multi-client and multi-language businesses.

Automated control

Fully automated control of yard processes and support dispatching for manual decisions.

Optimized scheduling

Improved planning and scheduling of resources, through centralized or decentralized control.

Inflow control

Optional inflow control and container stack management.

Connected solution

Connected via the mobile app, drivers are always informed and prepared.

Dock and slot management

Ability to introduce control time windows using our Dock and Slot Management.

Multi-interface service

Selection, procurement, configuration and implementation of all peripheral equipment.



Driving efficiency and transparency

Supporting everything from medium-sized yards with manual disposition to large-scale yards with significant automation, our yard solution delivers complete visibility and control. Whatever the volume of traffic in your yard or plant, and however complex the loading and unloading requirements, everything is possible.

As well as dramatically reducing wait times through prioritized yard operation, our system improves your resource efficiency, using automatic, rule-based control. By capturing data from stationary and mobile peripherals, as well as facility technologies such as cameras, barriers and traffic lights, you can achieve complete yard digitalization and visibility.

Armed with this, you can monitor the physical equipment and the inventory data associated with it. With this level of transparency, you can improve prioritization, ensuring the right equipment, with the right inventory, is being brought to the right dock at the right time.

Add our advanced functions, such as container location and stacking management, and lifting technology monitoring, and you can transform your logistics system into a fully functional container management system.

“Our clients are able to maintain, enhance and improve the solution over time without us being involved, creating a scenario where 5, 10, 20 years from now they’re not just going to be able keep up, they’re going to be able to set the pace, to be the industry benchmark – because we’ve given them the keys to the kingdom to future-proof their solution.”

Jon Kuerschner

Director of Product Consulting at Körber

Our yard management system is successfully in use at:

Messe Frankfurt Venue, Hermes Germany, Koehler Paper Group, Nagel-Group, BLG Logistics Group, Ravago Logistic and Sadara Chemical Company.

The Körber difference

By providing complete visibility and control of the whole process, through either an integrated or an independently managed system, our solution can simplify your day-to-day operations. This is essential as yards become more and more complex, through the networking of physical and virtual objects, and the addition of new information and communication technologies.

As well as making the yard management process easier on your dispatchers, our solution gives you the means to future-proof your yard. Whether you’re introducing robotics or the latest real-time location solutions, our yard management system will help you bring your data together, giving you the edge over your competition for years to come.

“Körber already proved its mettle with its technical know-how and specialized knowledge during the offer phase. The developers immediately understood our requirements, so we could promptly discuss the best solutions at eye level. The result was a tailored application that perfectly covered all requirements – completely on time and on budget.”

Oliver Schell

Logistics Division Manager at Messe Frankfurt Venue

Productivity and ROI



x2 productivity, boosting moves to **x4** per hour



Recover costs in less than **12 months**



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