

Mercareon

Time Slot Management



Whether retail, wholesale or e-commerce, our solutions have been specially developed to manage deliveries at central warehouses, distribution centres or cash & carry depots. Retailers can plan and control arrivals more effectively and better utilise capacities at the un-/loading bays. Carriers book suitable delivery appointments themselves online. Standardised and optimised processes save a lot of time for everyone and reduce process costs.

Challenges

» **Non-collaborative inbound management:**

Management of arrivals and resources based on fixed appointments, spreadsheets or self-built insular solutions.

» **Business requirements:**

Pressure on reducing supply chain costs: Warehouses are supposed to focus on process optimization.

» **Insufficient delivery management:**

Inadequate planning, high traffic volume, yard congestion and long vehicle turnaround times.

» **Heavy turbulence at goods-in:**

Goods receipt as bottleneck of internal and external processes, potential source of error and often driven by strong impact of short-term changes.

Features

● **IMPORT OF ORDER NUMBERS**

Order numbers and order details are imported from the ERP system of the retail company. These imports are used as a reference for the carrier when booking a time slot.

● **DYNAMIC CALCULATION OF LENGTH**

Automatic calculation of the time slot length when booking based on pallets, storage positions, product group, etc.

● **MATCHING OF CAPACITIES**

Capacity-oriented steering of bookings according to logistical requirements of the warehouse and/or location structure, e.g. cold chain, assortment, product group, article, vehicle type, etc.

● **RESERVATIONS**

Time slots can be reserved in advance for specific carriers, suppliers, supplier groups — regularly recurring and automated.

● **CREATION OF BOOKING DOCUMENTS**

Transport documents for the driver with booking details as well as additional information, such as directions, health & safety instructions, administrative forms and QR or barcode for access control.

● **STATUS OF PROCESSING & PROGRESS**

The status of the booked time slot and the progress of the delivery on the scheduled delivery day (e.g., arrival of vehicle, unloading, departure) is displayed by traffic light colours.

● **INTERFACES TO THIRD-PARTY SYSTEMS**

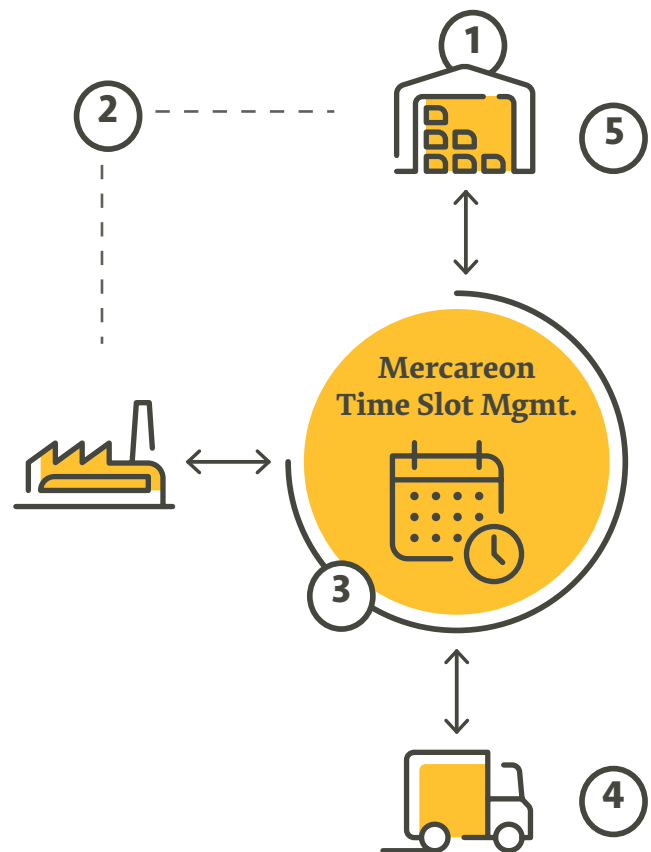
Provision of standardized or individual interfaces to databases, ERP/WMS and specific logistics hardware.

● **INTERNATIONALITY & SCALABILITY**

Implementation of global corporate and logistics structures as well as the support of international carrier networks — considering certain local specifics per warehouse location.

Process of time slot booking:

1. Warehouse shows available capacities
2. Retailer creates POs
3. Supplier gets PO, carrier (or supplier) books an appointment for the delivery
4. Carrier provides all relevant logistical information
5. Warehouse staff gain transparency and reliable information about inbound flows



Benefits

- » Cloud-based collaborative dock scheduling allows all parties to operate in one system
- » Efficient use of resources due to the even and predictable distribution of arrivals
- » Higher productivity by up to 20%
- » Savings in process costs, overtime, overstaffing
- » Reduction of waiting times for trucks by up to 40%
- » Improved availability of goods with lower workload and shorter vehicle turnaround times
- » Optimization of subsequent processes such as picking and distribution
- » Less congestion on the company premises, improved traffic safety



Due to the electronic notification of deliveries by the supplier and their carriers, we have reduced waiting times per vehicle; leading to savings of around €45 per truck.”

Frank Wiemer
Member of the executive board
of REWE Group

**Want to
learn more?**

Request a live demo at:
www.transporeon.com