TRANSPOREON

Mercareon Live Yardview

Our yard management solution incorporates planning from your dock scheduling/time slot management system to optimize resource utilization, increase transparency, cut waiting times and speed up processing. The goods, each dock/gate, your depot and all vehicle movements are taken into account to boost productivity.
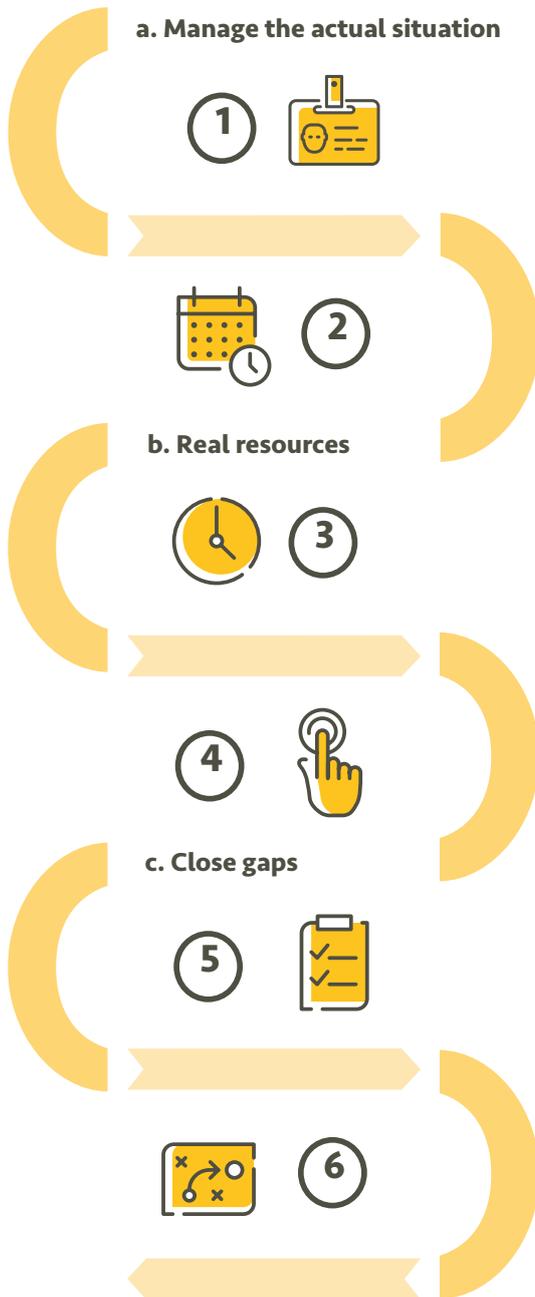
Features:

CONTINUOUS TIMELINE
Loading and unloading tasks are sequentially placed on an on-going timeline. Different layers visualize planned and actual loading tasks.

ALLOCATION TO REAL RESOURCES
Loading tasks are assigned to a certain resource (e.g. forklift, employee, etc.) by drag & drop. The original (booked) planning remains unchanged.

ACTUAL DURATION OF UNLOADING
The duration of the unloading task is displayed as a percentage on the progress bar. The bar turns red, if the actual unloading exceeds the planned time.

ALERTS
When a critical time has elapsed vehicles waiting to be unloaded are colour-coded and highlighted.

TO-DO LIST
Arrived and waiting trucks are showed on a task list. The ranking is based on objective, individual criteria (e.g. punctuality, timing, feedback in case of delay).

RE-PLANNER
Manual re-scheduling of unloading tasks (waiting trucks). Helps to react to ad-hoc changes and delays based on tour deviations and critical traffic situations.

GAP FINDER
Unloading tasks are automatically compared with availability of resources. Utilization gaps are identified, optimization is suggested by the system, proposals are accepted by user.

REAL TIME VISIBILITY
The estimated time of arrival (ETA) is displayed in each task. If the ETA exceeds the planned delivery time the task is identified as a gap. It will be optimized via Gap Finder and shown as proposal in the To-Do List

Challenges:

» **Goods receipt is extremely influenced by volatile changes and errors:**
If trucks are late, forklifts or gates are broken, employees are ill or the goods are damaged, then the schedule is no longer accurate.

» **Bottlenecks:**
If you use dock scheduling to manage goods receipt, you'll want the same efficiency in real-time at your ramps during unloading. That means quick, short-notice intervention and re-scheduling, avoiding utilization gaps and idling.

» **Priorization based on subjective criteria:**
Registered and waiting vehicles are prioritized for unloading based on subjective criteria. Personal preferences and the perception of (un-)punctuality are the main criteria for the sequence of unloading.

Triple optimized inbound flows

a. Manage the actual situation

1

2

b. Real resources

3

4

c. Close gaps

5

6

1. Truck driver registers at goods in
2. Waiting vehicles are displayed on a timeline (according to their booked time slot)
3. Timeline is extended by real-time view of all loading tasks
4. Deliveries are allocated to available resources via drag & drop (or by To-Do List)
5. Order of unloading is carried out objectively, without bias
6. Gaps are identified & closed

Benefits:

» Planned appointments for deliveries are transferred for operational use and assigned to real capacities

» Constant, up-to-date overview of plan/actual deviations to identify bottlenecks

» Zoomable timeline with drag and drop function for simple, fast (re-)planning

» Compact central view of all deliveries – ideal for large displays at the warehouse

» Basic application for an (automated) optimization of inbound flows

"With Mercareon, we saw convincing functions that included detailed yard management"

– Hendrik van Duuren,
Head of Logistics Rossmann

Want to find out more?

Learn more at
www.transporeon.com