When it comes to dock management, facility managers will tell you it was never easy. Logistics experts juggled regular and rushed deliveries with those that came early or late. Unpredictable suppliers and rushed orders also unsettled plans. Multiple docks in a yard and high volume truck traffic could be both a blessing and a burden. This never-ending list of variables, coupled with manual dock and yard planning, made errors unavoidable.

As if this was not enough, warehouse executives now face new challenges, as the global supply chain grows more complex. Increased customer expectations and their unwillingness to wait, a boom in online shopping & e-commerce, novel retail approaches and just-in-time production are just some.

Smart dock and yard management

Achieve improved resource planning, simplified communication and reduced costs with a smart solution for the weakest link in your logistics.

Dock and yard fundamentals

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New tech lets everyone in the value chain demand to know the status of their goods. Digital disruption has the biggest effect – new tools have caused manufacturing, shipping, cross-docking and warehousing to practically blend, forcing everyone into a race to the bottom. All of this is putting a serious strain on warehouse yard and dock management.

Warehouse management systems (WMS) have solved the problem of inefficient warehouses, while transportation management systems (TMS) have done the same for supply chains and trucking organizations.

However, the middle point, where the most delays tend to occur – the yard and its docks – remains unaddressed.

Today’s supply chain is in desperate need of a software solution that encompasses deliveries and management into one easy-to-use platform.

**SmartDock - our smart dock and yard management solution**

We look to the future, aiming to enable every yard to become state-of-the-art. With or without specialized technology, a flawless flow of shipments, with minimal errors, is possible. Operators will be able to plan their resources better and optimize processes. They will also be able to minimize risks and keep tight control of costs. Such full insight into the variables and an ability to manage them optimally is the essence of our smart dock and yard management solution – SmartDock.
SmartDock represents the missing link between your WMS and TMS. It optimally matches shipments and deliveries with available resources – equipment, docks and people – and maximizes their utilization and minimizes congestion, using intuitive communication with truck drivers. It is ideal for big yards, with many docks, where one manager finds it hard to keep up with all the daily variables.

SmartDock connects docks, yards, warehouses, dispatch, expeditors and truck drivers all in to one easy-to-use tool. It is the all-in-one tool for managing your dock and yard in a smart way.

**Modern technology & open architecture**

**All you need is in one screen**

SmartDock features everything that’s happening in your yard on one centralized screen with multiple views, allowing you full insight and control, as well as quick entry and editing and convenient management of all shipment data. A wide range of devices is supported by SmartDock, with real-time sync across all devices, allowing for more efficient coordination and management. Effectively, SmartDock makes managing yards and dock similar to air traffic control.
Implementation and integration

The first step is implementing and integrating SmartDock with your already present WMS and TMS. This goes smoothly thanks the Open API layer structure and architecture of SmartDock. After this, you can use all the benefits of the OneView screen, which gives you full overview of your docks and yard, their status and utilization.

Using SmartDock to your advantage

Switching between shipments overview and single shipment details is quick and easy, as is creating and editing shipment data. It shows your planned deliveries in list and hourly modes, as well as complete detailed information of your selected shipment. You can also take advantage of the timeline view with customizable filters and options for viewing by shifts and days. Drag and drop function enables the user to easily reschedule shipments, move them to waiting area or another dock.

Issue data creation is also made simple, as well as image registration via user-friendly forms and barcode scanning and registration.
The built-in graphs and statistics options power facility managers with additional insight into their whole operation, individual carriers, supplier performance and promo item quantities. Reporting is also built-in to SmartDock, along with PDF exporting of reports.

Statistics and reports

With this level of insight, taking full control of your yard and docks is simple. You can track shipment status before arrival, through unloading, to departure. Creating new shipment data and updating and editing existing data is just a few clicks away. You can also switch between shipments overview and single shipment details quickly.

Take control of your yard
You can **enable or disable individual docks** at the press of a button and manually reschedule shipments to different times and/or docks, or you can let SmartDock do it **all automatically** for you in regards to incoming information (delivery times, free docks, idle personnel, etc.).

SmartDock connects your **waiting area** too, with real-time dock assignment and shipment status info available in the **coffee corner**, as well as **improved communication between truck drivers and yard staff**, resulting in better time management and movement planning for truck drivers.

Notifications and messages are also an integrated part of SmartDock, allowing facility managers to stay connected even better with individual truck drivers and dock workers. Notifications can be generated manually or automatically by SmartDock, either when there has been a change in the scheduling or a shipment is arriving. This guarantees that workers will know where to be, when you need them.

The visual view of the yard, showing the ground plan of your warehouse with docks and yard, enables you to have a quick and reliable insight about where trucks are located and which docks are free or full. With the help of the drag & drop function, you can easily reassign trucks from the waiting area to a dock of your choice.
SmartDock benefits and features

Dock & yard management

- Shipment data insight, with supplier, carrier, truck and driver info
- Shipment tracking from arrival, through unloading, to departure
- Quick switching between shipments overview and single shipment details
- Inbound truck tracking
- Simple dock enabling and disabling
- Quick dock assignment
- Optimized dock assignment and unload waiting times
- Automatic & manual rescheduling to different times and/or docks
- Timeline view, with customizable filters and options for viewing by shifts and days

Modern technology & open architecture

- Integrates smoothly with TMS and WMS
- Supports a wide range of devices for coordination purposes and management
- Real-time sync across all devices
- Convenient centralized screen
- Feedback and ratings
- Quick & easy barcode scanning & registration
- Simple issue data creation and image registration via user-friendly forms
- Graphs and statistics showing supplier performance, promo item quantities and carrier data with enhanced filtering
- Various reports with built-in PDF exporting
- Drag & drop function for rescheduling shipment, reassigning the dock or moving shipments between waiting area in the yard and docks
- Visual overview of your yard, docks and trucks with drag & drop function

Connected coffee corner for truck drivers

- Real-time dock assignments and shipment status info available in the waiting area
- Improved communication between truck drivers and yard staff
- Better time management and movement planning for truck drivers from the comfort of your coffee corner