

## SOLUTION OVERVIEW



## Innovative solution for enhancing dock and yard operations

Optimize your facility logistics and transform your yard into a hub of efficiency.

Trimble Dock and Yard Management empowers shippers to overcome the struggle of effectively managing the arrivals of trucks at their facilities to avoid overcrowded parking areas, increased accident risks, and more – streamlining yard operations for faster entry and minimal congestion.

### Eliminate congestion and bottlenecks

Mitigate the daily hassles of unreliable ETAs, multiple peak time arrivals, excessive wait times, inefficient communication with carriers and drivers and outdated manual processes to stay ahead of the competition.

### Time slot management

Ensuring an easy, seamless appointment booking dock scheduling process. Automatically adjusts the arrival times of trucks to the available resources, based on actual loading and unloading capacities in the system.

### From manual to automated

Automated workflows and alerts, paperless management of arrivals and departures, and revision proof end-to-end documentation including registrations, security instructions, and status changes enable greater control and reporting.

### Real-time yard management

Transforms your yard into an efficient hub, reducing wait times and boosting productivity with real-time data. Eliminate yard congestion, increase yard visibility, reduce personnel costs, and seamlessly scale your business.

### Dock and Yard Management advantages:

- Efficient yard management via optimized dock scheduling for faster truck turnaround times and limited detention costs
- Improved planning via accurate forecasts of arrival/departure times and optimized resource allocation
- Dynamic scheduling and re-planning capabilities help reduce waiting times by proactively managing delays
- Paperless logistics with real-time insights improves tracking and visibility for continuous yard monitoring and better decisions
- Enhanced customer service performance through improved yard management logistics



# More control means smoother docks and better yards

Shippers may struggle to effectively control the arrivals of trucks at their facilities, which can often lead to chaos. Trimble Dock and Yard Management replaces the chaos with more streamlined control.

## Time Slot Management

- Provides easy dock time slot booking and scheduling
- Adjusts truck arrivals with real loading / unloading capacities
- Reduces parking congestion, accidents, and delays
- Lowers turnaround times and demurrage costs using an optimized docking process
- Provides transparency into critical processes, carrier quality levels and more
- Supports audit-proof and legal compliance through fully documented processes

### Features:

<b>Dynamic time slot duration</b>	Determines the required loading time based on transport data and available resources
<b>Digital resource management</b>	Ramps and unloading resources are digitally reproduced, allocated and managed
<b>Central status overview</b>	Status of trucks and time slots can be monitored and updated by all departments in real time
<b>Detailed shipment data</b>	Accessible full shipment data including vehicle and driver information, health and safety lists and more
<b>End-to-end documentation</b>	Registrations, security instructions and status changes are documented in a revision-proof manner and enable detailed reporting

## Real-time Yard Management

- Manage traffic flow and adapt swiftly with predictive ETA
- Real-time data enables better resource planning & decision-making
- Reduce costs and streamline operations with proactive scheduling adjustments
- Reduce idle dock labor and optimize workflows for easy problem-solving
- Keep all stakeholders updated on freight statuses in real-time to enhance transparency and trust

### Features:

<b>Proactive updates and alerts</b>	Early information about arrival times and potential deviations to support loading and unloading efficiencies
<b>Proposal based re-planning</b>	Automated slot scheduling on short-term changes to ensure capacities are utilized equally, and strong peaks and valleys are flattened
<b>Data driven optimization</b>	Integration and processing of real-time data and visibility statuses to remain proactively aware of possible issues or bottlenecks
<b>Monitor day-to-day KPIs of your yards</b>	Complete overview of the current yard environment of approaching, waiting and processing trucks for continual control of complete warehouse logistics
<b>Full transparency</b>	Clear data aggregation across all processes from road to bay for efficient utilization of resources



## A smarter dock and yard management approach



\*Performance metrics are based on EU market Transporeon user data. Actual results in the North American market may vary.

Elevate your yard and your success with Trimble Dock and Yard Management:  
[transportation.trimble.com/products/dock-yard-management-system](http://transportation.trimble.com/products/dock-yard-management-system)