



PortDispatch

Precise Movement, Maximum Output

PortDispatch is a performance-focused Equipment Management and Control Solution designed to refine scheduling, dispatching, and routing within container terminals. Through intent-driven optimization and continuous alignment with yard and vessel operations, PortDispatch assesses container handling operations continuously to deliver unmatched efficiency of critical equipment without the need for micromanagement.

Let Efficiency Drive More Cargo

Purposeful Job Assignment

PortDispatch assigns container move jobs to the appropriate equipment, including yard-based container handling equipment (CHEs), Prime Movers, and Ship-to-Shore Cranes—based on operational intent. It ensures precise sequencing, timing, and allocation of each job to enhance operational efficiency.

Resource Alignment by Shift

PortDispatch determines the required number and optimal placement of equipment across the yard for upcoming shifts. This supports effective scheduling of both labor and equipment to complete all necessary tasks, including vessel load, discharge, gate receipt, deliveries, rail load, and discharge.

Seamless Operational Integration

PortDispatch provides direct integration with various Yard Equipment manufacturers to optimally distribute work instructions to all active CHEs in real-time, allowing seamless connectivity and collaboration for streamlined operations.

Dynamic Equipment Pooling

With support for various pooling options for Prime Movers and dispatching, PortDispatch enables efficient resource utilization while minimizing idle time, congestion, and queuing delays.

Exceed the Past. Shape the Future.

5 - 30 %

INCREASED CHE/PM
PRODUCTIVITY AND
UTILIZATION



10 - 50 %

REDUCTION IN CHE/
QC WAIT TIMES



30 - 70 %

REDUCE PM UNLADEN
TRAVEL TIME



Multi-Lift Support

PortDispatch facilitates multi-lift operations, including twin, quad, and tandem lifts, enabling faster, more efficient handling of multiple containers in a single operation.

Yard Crane Optimization

By enabling double cycling of Yard Cranes (ASCs, RMGs) and offering opportunistic tailgate moves for blocks with multiple cranes, PortDispatch maximizes the productivity of crane operations.



Turn Moves per Hour into Profitable Advantages

Enhanced Productivity and Utilization

- Increases the productivity and utilization of CHEs by ensuring optimal resource allocation and reducing idle time, supporting continuous operational flow.

Optimized HTE Utilization

- Minimizes the number of HTEs required by aligning deployment with actual demand, ensuring resources are used where they're most needed.

Reduce Travel Time and Congestion

- Improves operational flow by aligning assignments and routing to reduce travel time, unladen travel distances and yard congestion.

Higher Vessel Productivity

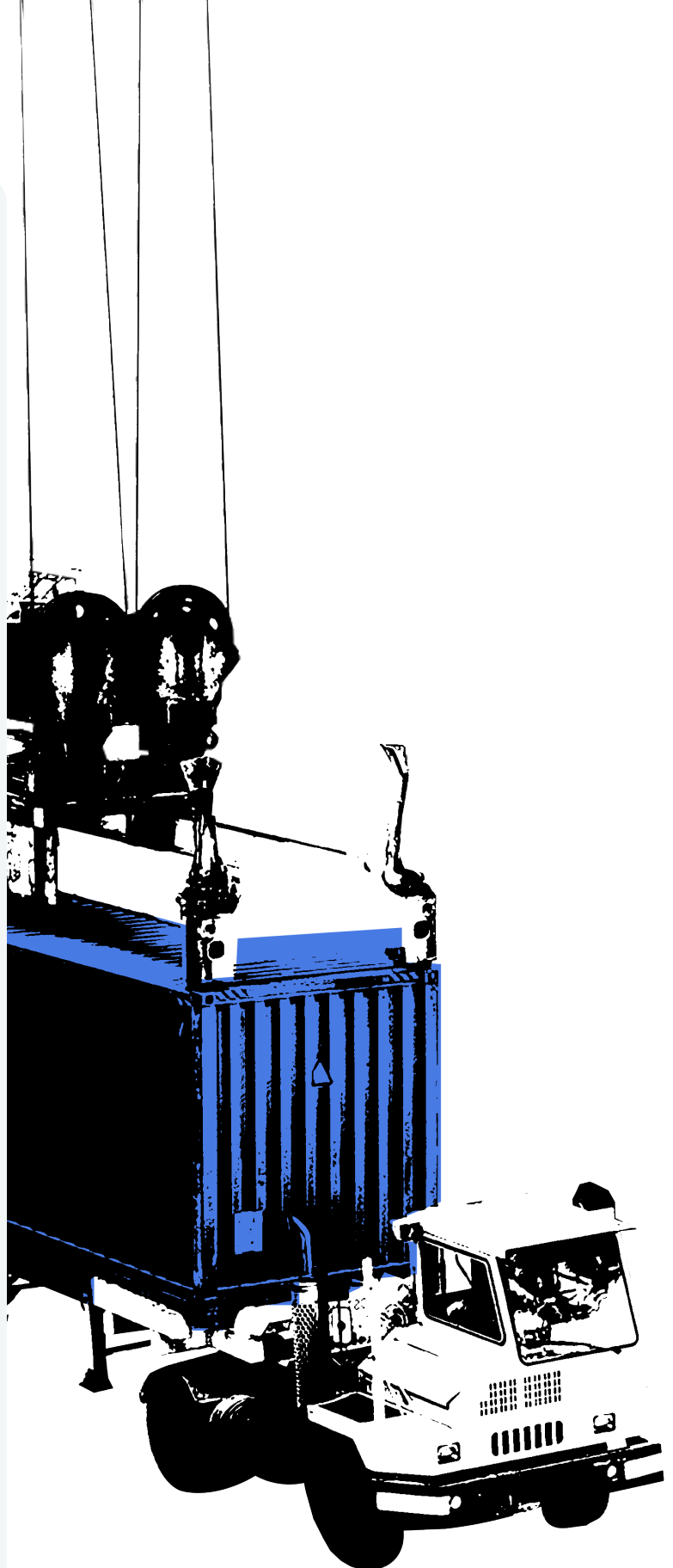
- Enhances vessel productivity by reducing QCs' hanging-hook times during discharge and loading operations, supporting faster, more consistent vessel throughput.

Faster Turnaround Times

- Streamlines equipment management to shorten turnaround times for vessels and trucks, enhancing service levels and unlocking new revenue opportunities.

Cost Savings and Lower Emissions

- Reduces fuel consumption, maintenance costs, and idle time, contributing to lower emissions and supporting environmental sustainability.



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