

Navis™ Yard



Innovative Solutions for Yard Operations

Navis™ Yard is a robust yard management solution that delivers extended control over your yard operations. Navis Yard streamlines the entire flow of goods from gate to dock to yard. By increasing and optimizing efficiencies, Navis Yard increases yard capacity and throughput, lowers operating costs and provides higher level of service without additional facilities. In addition, Navis Yard will help optimize fleet utilization and enable you to reduce fleet size.

Navis Yard provides:

- Manual to fully automated gating of inbound and outbound loads
- Optimized yard management with operator or system directed
- Operations using radio data terminals
- Automated dock operations
- Optimize agents for automated dock capacity planning, dock usage and hostler travel path
- Integration with RFID based gate, RTLS and container security systems

Navis Yard easily integrates with Navis and other third party visibility, scheduling and supply chain execution systems such as WMS, TMS and fleet management for total control and optimization. Navis Yard is one of the many applications available in the Zebra Enterprise Solutions family of visibility and control solutions.

● NAVIS YARD BENEFITS:

- Exceed service level goals with real-time inbound and outbound visibility
- Improve resource utilization with real-time decision support
- Eliminate yard congestion
- Shorten turn times
- Lower operating costs
- Provide better customer service
- Increase yard capacity without new facilities
- Decrease operational costs through dynamic hostler, dock and gate optimization

“Increasingly our clients are realizing that advanced yard management systems are quickly becoming a must have application. Navis Yard allows us to deliver the superior service our customers expect.”

— Luke Lynch,
Executive Vice President,
Cal Cartage

Navis Yard Features

Manual to Fully Automated Gate Operations	Process multiple in-gate and out-gate scenarios
	Gate-to-door direct load routing and dynamic assignment
	Looks at planned activity up to 30 moves ahead and considers business an operational variables such as priority, the yard path model, travel distances, driver proximity and speed, current job statuses, idle time
Operator or System Directed Yard Management	Automates equipment retrieval
	Remote viewing of yard driver terminals
	Exception handling for lost trailers, damaged trailers, or incorrectly entered positions and data
	Automated position assignments
	Supports preventative maintenance, weighing, washing, bulkhead processes
	Reefer and fuel monitoring
	Equipment matching and reservations with automated trailer assignments
	Automatically re-evaluates work plans
Dock Management	Creates dispatches based on real-time conditions
	Graphical dock plan
	Priority and exception handling
	Dynamic assignment of empty back haul trailers
	Quick move and manual trailer moves
	Safety holds
Facility Configuration and Site Planning	Exception diagnosis
	Customizable graphical yard views with many levels of detail
	Yard path modeling
	Automate yard allocations and position assignments
Advanced Optimization Modules	Define dock door attributes by prime location, conveyor type, door size, load density, commodity, priority, default equipment
	AutoPlan: automated door assignments for scheduled drop trailers & live unload appointments
	AutoDock: automated work instructions and dispatching of trailer moves to and from doors
	AutoGate: eliminate bottlenecks and shorten turn times by optimizing gate processing
	PrimeRoute: optimized dispatch of yard tractors for trailer moves
	RTLS: monitors yard-trailer locations and manages drop exceptions
Complementary Hardware Systems	Mobile data terminals for gate, dock, and yard truck operator programs
	LED signboards
	Ticket printers/document printers
	Tag readers/automatic equipment ID (AEI)
	Self-service gate kiosk

Why Navis?

Navis, a Zebra Technologies Company, standard in asset visibility, control and optimization with a suite of solutions that offer real-time control to distribution, manufacturing and service operations. With more than 20 years experience in supply chain systems, Navis offers unparalleled capabilities that optimize your asset related operations. We provide best of breed systems for dock and yard management, cargo and container tracking, mobile asset management, and marine terminal automation.

The world's leading retailers, manufacturers and logistics companies use Navis solutions to manage their global supply chains at more than 450 installation sites worldwide.

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For more information please contact us at **1-510-267-5000** or visit us at **www.navis.com**.

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