TerminalSmart™

Optimizing Marine Terminal Performance

TerminalSmart™ is an integrated web-based platform of vessel tracking, management, and analytical tools designed specifically to optimize marine terminal performance and reduce their associated costs. Dock Management and Flex Reporting modules further enhance the TerminalSmart™ functionality.

The Dock Management module efficiently streamlines dock activities and provides a comprehensive system for management of waterborne terminals. It provides an opportunity to reduce dock idle time while vessels are alongside and enables optimization of vessel scheduling resulting in less turnaround time.

Users equipped with the Flex Reporting module are able to gain valuable insight on the progress of current operations in realtime using customized, operational dashboards. Flex Reporting drives dock efficiency by using KPIs to evaluate and improve practices.

Additional functionality is delivered by our recently redesigned PortVision360 Enterprise service which is included in your TerminalSmart™ agreement. PortVision360 Enterprise provides access to realtime and historical vessel movements including alerting.

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Dock Scheduling and Activity Logging

Comprehensive web-based scheduling allows authorized users, both internal and external to your organization, to view and maintain dock schedules with a flexible, drag-and-drop interface. Flexible dock configuration support includes features such as assigning multiple jobs to a single vessel call.

Web-based activity logging of all dock events supports the input of details for all company-specific activities and events. Users can capture defined attributes on the dock log for each activity, including reasons for delays.

The system effectively becomes the one repository for all information associated with a vessel call at your terminal. A built in document management system, along with form generation, enable the capture and retention of all necessary documentation electronically. The system delivers information required to resolve commercial disputes including the automated creation of the terminal's own Statement of Facts. This document can be compared to documentation provided by vessel operators or agents.

Resource Optimization and Traffic Management

Efficiency saves money by leveraging accurate vessel, terminal, dock, and third-party performance metrics. The TerminalSmart™ system and its Flex Reporting Module enables the user to analyze how to best optimize terminals to get the most vessel alongside in the least amount of time and provides a solution for keeping information used to manage demurrage claims at hand.

Advantages and Features of TerminalSmart™ include:

» Supporting advanced scheduling and enterprise views and ad hoc, advanced reporting capable of producing aggregate and specific information to suit the customer's needs

» Minimizing demurrage with data associated with vessel activities and movements (vessel arrivals and sea buoys vs. time on NOR tender)

» Using comprehensive business intelligence reporting to view graphs, charts, and data in relation to specific assets to drive increased dock performance

» Reports and data can be exported in various formats including Excel, PDF, CSV, XML, HMTML, TIFF, and Word

» Optimizing dock management by using visual scheduling and drag-and-drop functionality to schedule TBNs and activate them when details are known.

» Effectively scheduling dock outages, identify scheduling conflicts, and share schedule information with internal and external stakeholders.

» Establishing customized parameters for data capture, reporting outputs, and analysis.

» Optimizing dock efficiency, analysis of reasons for delay and demurrage claims, and driving business intelligence.

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