Harbour Mastery®
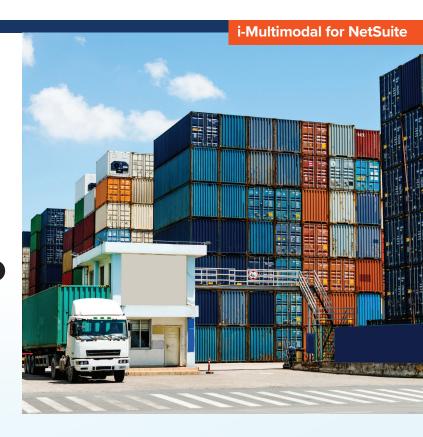
Terminal Operating System (TOS) for NetSuite ERP

Streamlining Cargo Terminal Operations

Step into the future of maritime management with the Harbour Mastery® i-Seaports ERP Management™ solution, a robust native application seamlessly built inside Oracle NetSuite®. This application streamlines maritime operations through cloud-based digital automation, allowing you to complete tasks more easily, improve effectiveness, and increase operational efficiency.

Harbour Mastery's **Terminal Operation System (TOS) for NetSuite** streamlines and optimizes cargo terminal operations. Designed to address the unique challenges of global ports and terminals, our TOS integration with Oracle NetSuite offers a seamless digital platform to enhance efficiency, productivity, and profitability. Tailored to accommodate the diverse needs of cargo terminals, whether handling containers, bulk freight, project, or general cargo, **TOS for NetSuite** provides a robust suite of features to facilitate vessel management, yard organization, gate operations, intermodal transport and more.

Currently delivering continuous operational support for multiple US and International ports

Built Natively inside NetSuite

Terminal Operating System for NetSuite is 100% natively integrated within NetSuite so that all activity is handled in real-time and with complete 360° visibility. Using this application feels like "you have never left NetSuite" — it's a seamless experience.

harbourmastery.com

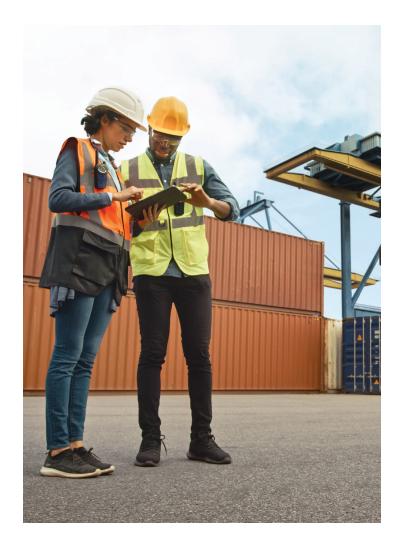Built for
ORACLE
NetSuite
Native SuiteApp

"The acquisition of NetSuite® One World and Harbour Mastery® i-Seaports™ ERP Management Built for NetSuite comes at a critical juncture for initiating our new Strategic Master Plan. We wanted a cloud-based anywhere/anytime ERP system to position us for growth and diversity in the future."

– Rodger Rees, Port of Galveston CEO and Port Director.

Benefits

1. **Enhanced Vessel Calls Planning:** Seamlessly schedules berth windows, coordinates loading/ unloading equipment, and synchronizes operations with shipping lines to maximize operational efficiency, minimizing time and resource wastage.

2. **Efficient Warehouse and Yard Space Management:** Automate cargo allocation, optimize handling equipment and staff coordination, and streamline truck movement organization to ensure optimal space utilization and smooth yard operations, even in high-volume terminals.

3. **Streamlined Truck and Rail Visits Arrangement:** Simplify gate and scale in/out management with automated appointment booking, permission granting, and verification processes, reducing bottlenecks and ensuring smooth traffic flow to and from the terminal facility.

4. **Optimized Staff and Equipment Scheduling:** Seamlessly integrate vessel calls and truck / rail visits to streamline staff and equipment scheduling, even in the face of disruptions such as equipment failures or traffic delays, ensuring optimal resource allocation.

5. **Real-Time Cargo Tracking:** Gain complete visibility into cargo flow, location and ownership changes within your terminals, from arrival to storage to departure, minimizing the risk of lost freight and enhancing operational transparency.

6. **Accurate Billing and Revenue Management:** Automate billing processes to capture all billable operations accurately, eliminating redundancy, reducing paperwork, and ensuring precise revenue capture for enhanced financial management.

7. **Comprehensive Reporting and Analytics:** Harness integrated data across terminal, departments, and subsidiaries to generate real-time reports and analytics, enabling informed decision-making and strategic planning for improved performance and competitiveness. All reports are fully customizable and can be exported for external use or viewed online for selected audiences.

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ORACLE
NETSUITE
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"Port Tampa Bay, the 10th largest port of 365 in the USA, continues to grow, handling regular cargo, containers, throughput, cruise, complex domestic and international trade agreements and extensive real estate holdings. NetSuite with i-Seaports Management ERP gives us the efficiencies we need to handle more business and gather more information while reducing administrative time and costs."

— Kenneth L Washington CIO and Vice President Port Tampa Bay.

Features

1. **Inventory Space Visualization:**
   a. Inventory location utilizes Google Earth mapping to represent assets, categorizing them by location, zones, rows, bins, and stack positions within bins for 'current location' spatial understanding.
   b. Pick-up / drop-off locations mapping gives your truck and rail companies precise directions.
   c. Vessel scheduling offers a comprehensive display of available and occupied piers within specified time frames, aiding in the efficient scheduling and allocation of resources.

2. **Pier Request System Portal:**
   Empowers customers / vessel agents to conveniently request available piers either directly from a map interface or through a user-friendly calendar grid, enhancing accessibility and ease of use.

3. **Customer Activity History Dashboard:**
   Provides seamless access to a detailed history of all previous services and activities, enabling informed decision-making and fostering stronger client relationships.

4. **Efficient Recurrent Service Requests:**
   Streamlines the process of requesting repeat services, prioritizing customer convenience and operational efficiency for enhanced satisfaction.

5. **High-Level Storage Management:**
   Offers a sophisticated storage management system capable of real-time mapping of warehouses, storage yards, container yards, etc., ensuring precise inventory tracking and management.

6. **Multi-Modal Management:**
   Facilitates extensive real-time management across multiple modes of transportation, including vessels, trucks, pipelines, and rail, optimizing logistical operations for increased efficiency.

7. **API Integration:**
   Provides API access to primary customers such as container companies and RORO companies, fostering seamless integration with existing systems and workflows.

8. **Cargo Customs Clearance API:**
   Streamlines customs clearance processes for import and export cargo, reducing delays and ensuring compliance with regulatory requirements.

9. **Electronic Transport Clearance Interface API:**
   Offers electronic interfaces for real-time clearance through relevant authorities such as the Department of Transportation (DOT) or Ministry of Transportation (MOT) in applicable countries, expediting clearance procedures.

10. **Cargo Ownership Management:**
    Manages changes in cargo ownership that may occur within the port premises, ensuring accurate tracking and documentation throughout the process.

11. **Petroleum Tank Farm Management:**
    Tracks petroleum types and volumes of ownership for multiple customers within tank farms, including shrinkage management capabilities for precise inventory control and monitoring.

Customers

PORT CANAVERAL | Oregon's Seaport… Port of Coos Bay OREGON INTERNATIONAL Port of Coos Bay | GALVESTON WHARVES | GULF MARINE CONTRACTORS | Puerto Bahía | PORT TAMPA BAY | TRADEPOINT ATLANTIC

For more information, contact:
Harbour Mastery Inc.
harbourmastery.com

Office
2202 N. West Shore Blvd, Ste. 200
Tampa, FL 33607 USA
Tel: 813-288-4603 | Fax: 813-333-1787

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