

Port Operations Revenue Tracking System

Flexible billing solution for Seaports and Maritime

Technological advancement, increasing customer demands, and geopolitical developments continue to disrupt the Ports and Maritime industry. While the influence of cloud technologies and IoT (Internet of Things) have helped address important issues with digitalization and automation, the technological gap between some carriers and their customers is large and growing. Expectations for transparency and advanced software tools used to support different pricing strategies are increasing rapidly.



Product Overview

Port Operations Revenue Tracking System (PORTS) is Hitachi Solutions' response to the growing need for a flexible billing solution in the Sea Port Industry that can easily adjust to billing requirements in a complex environment.

The solution is designed to support customers' demand on pricing, accommodate detailed information coming from different terminal operating systems and convert those to billing transactions, email distribution of invoices and other functionalities.

PORTS is an add-on to the Microsoft Dynamics 365 Finance and Operations ERP application which provides the capability to record and process billing transactions within the ERP.

Our Solution

We offer deep industry expertise combined with decades of experience providing highvalue solutions that deliver rapid return on investment. Our approach is designed to give you a faster, lower-risk implementation and rapid adoption through proven best practices.

- It starts with core technologies built on Microsoft Dynamics 365 so you can get up and running quickly.
- We extend that with our own industry modules that give you capabilities tailored to the needs of the retail industry.
- Finally we deliver a customized solution to provide the best fit for your business so you can focus on your unique strengths, not on basic technology.

Business Outcomes

- ✓ One customer master information.
- ✓ Financial reporting sourced from one system.
- ✓ Eliminated additional consolidation between ERP and Port billing application.
- ✓ Configurable data conversion from port operating systems into billing transactions.
- ✓ Visibility and capability to validate raw data conversions to billing transactions.
- ✓ Comprehensive pricing strategy to support big customers with special agreements.

Vessel Master

- Creation and maintenance of vessel information
- Hold vessel information for basis of billable charges calculation

Staging Forms

- Receive and hold raw data from different Terminal Operating Systems (TOS)
- Can hold TOS billable events (containerized and non-containerized) and vessel visit information for billing
- Full audit trail capability for deletion and reprocessing of billable staging data

Customer Billing Preparation, Review and Approval

- Create, update, view and review billable charges per vessel visit or per customer
- Submit Customer billing for final review and approval leveraging Microsoft Dynamics 365 Finance and Operations' standard Approval Workflow capabilities

Configurable Mapping and Advance Pricing

- Configure staging field data mapping to Customer billing header and lines
- Advance Pricing methods such as Fixed, Min/Max, and Tiered pricing
- Advance formula to define billable quantity such as GRT and cubic meters

Invoicing

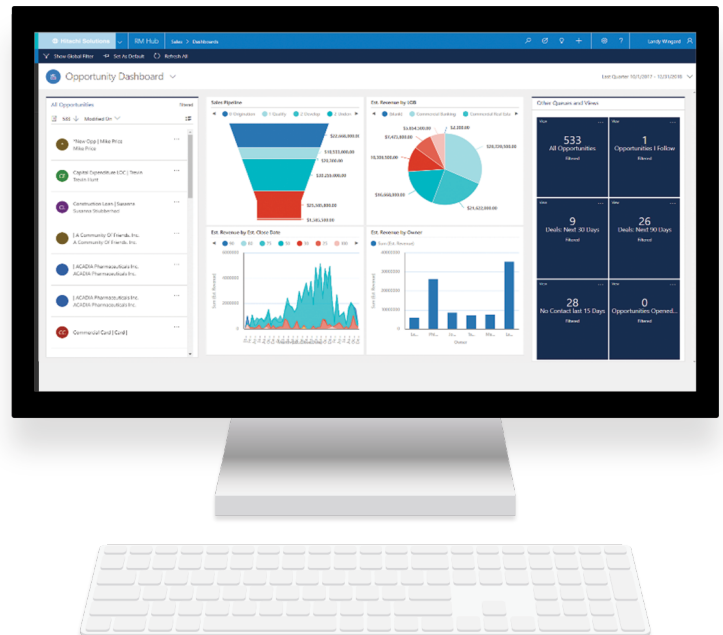
- Prepare Invoice proposals and generate invoices for customers
- Invoice distribution via email (invoice PDF attachment), print out, file output, or onscreen display based on customer's preference

GET STARTED. REQUEST FOR A CUSTOMIZED DEMO

Interested in learning more about PORTS?
Get a customized demo to see how you can
re-invent your business solutions.



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As part of the 110-year-old Hitachi Ltd. family, we uphold its legacy of quality, integrity, and excellence. This strong foundation allows us to build trust with our clients, attract the best and brightest people, and create a culture rich in innovation. Through industry-first cloud solutions, we help organizations everywhere to be better every day.