

# PORT-LINE MARITIME SINGLE WINDOW (MSW) – STREAMLINING MARITIME OPERATIONS

The Maritime Single Window is an innovative digital platform designed to enhance efficiency in maritime operations. A unified electronic interface facilitates seamless reporting and data exchange between ships and shore-based authorities. By consolidating all required documentation—such as cargo, crew, and vessel details—into a single submission, MSW eliminates the redundancy of interacting with multiple agencies, reduces paperwork, and accelerates port operations.

## KEY FEATURES

### AUTOMATED DATA COLLECTION AND PROCESSING

Efficiently gathers and processes vessel, cargo, and port data with minimal manual input, boosting accuracy and organizing information for invoicing and reporting.

### COMMERCIAL SYSTEM FOR TARIFFS AND CONTRACTS

Manages and customizes tariffs, generates price lists, applies discounts, and handles various pricing structures with flexibility.

### BILLING AND INVOICING CAPABILITIES

Automates invoice generation based on predefined rules and port activities, handling complex billing scenarios for vessel and cargo services.

### INTEGRATION WITH THIRD-PARTY SYSTEMS

Seamlessly connects with Vessel Traffic Systems (VTS), On Shore Power Supply (OPS), Port Community Systems (PCS), Terminal Operating Systems (TOS), and Enterprise Resource Planning (ERP) systems for streamlined data flow.

### REPORTING AND ANALYTICS

Provides advanced reporting tools for detailed business insights, with export options and data visualizations to support informed decision-making.

### SECURE DATA MANAGEMENT

Ensures GDPR compliance with secure data storage, access logging, and functionalities for exporting or deleting personal data.

### ENTERPRISE SERVICE BUS (ESB)

Facilitates asynchronous communication with third-party applications through reliable channels like web services, FTP, email, and file-sharing systems.

## BENEFITS

- **Streamlined Processes:** Consolidates data submission, reducing duplication and simplifying interactions between ships, ports, and authorities.
- **Time Savings:** Speeds up administrative tasks by cutting down on manual paperwork and repeated submissions.
- **Enhanced Data Accuracy:** Minimizes errors with reduced repetitive data entry.
- **Cost Efficiency:** Lowers administrative costs through efficient data handling.
- **Regulatory Compliance:** Aligns with international standards and regulations, including the IMO's Facilitation (FAL) Convention.
- **Improved Decision-Making:** Provides quicker access to critical information for better and faster decision-making.
- **Better Port and Border Security:** Enhances security with improved tracking and monitoring of vessels and cargo.