



PORT MANAGEMENT INFORMATION SYSTEM

I-Port Port Management Information System (PMIS) has been designed to manage the administrative procedures related to the arrival and departure of a vessel, and to supervise the flow of traffic within the port basin.

It is a web based application accessible to the whole port community operators (i.e. Harbour Master, Coast Guard, Maritime Agents, Pilots, Tugboats, Port Facilities) via internet or intranet.

I-PORT PMIS is compliant with international standards and regulations including:

- ISPS Code
- IMO regulations
- UNECE standards
- European regulations

I-PORT PMIS is a stand-alone platform that can be integrated with the Vessel Traffic Management System (VTMS) and/or the Port Community System (PCS), introducing the ability to manage a country's ports from one, centralized installation.

I-PORT PMIS is data provider for Safe Sea Net, the vessel traffic monitoring system of the European waters. It provides an interface to other internal or external applications based on standard Web Services technologies that enables the exchange of information and documents in XML format over HTTP protocol.

MANAGEMENT OF DOCUMENTS AND VOYAGE INFORMATION

All information relating to a single voyage that a vessel has carried out, is carrying out or it is expected to carry out, with detailed information on ship movements and data such as cargo, passengers, crew, port of departure, port of destination, ETA, ETD, etc.

MANAGEMENT OF VESSELS INFORMATION

Main data of vessels will be stored and retrieved from the vessels database.

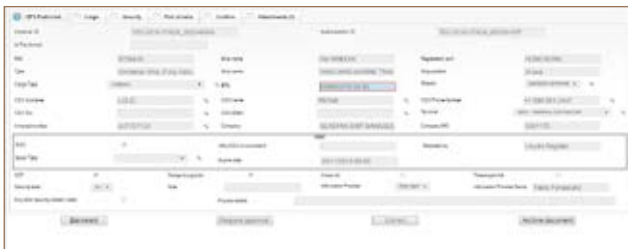
I-PORT PMIS

The system is based upon a global database able to handle all generic data related to ships (i.e. name, IMO number, GT, NT) together with voyage specific data (i.e. ETA, ETD, port of arrival, port of destination). This is in accordance with international standard documents and can be customised to fulfil the requests of local and national laws.

KEY FEATURES

Based on a custom workflow, the platform can manage a number of documents relating to all aspects of a ships call, starting from the ship's arrival in the port up to its departure.

ISPS form	data related to ISPS pre-arrival security (typically referred to as "Form A").
Waste declaration	The data of the waste on board of a ship
Ballast Water declaration	Data related to the Ballast Water Report Form as described in IMO resolution A.868 (20)
Berthing request	Data related to Cargo, Crew, Passengers, Fuel, Oil and Water at arrival



Dangerous goods declaration	The data of dangerous cargo information on board of a ship both at arrival and at departure accordingly to IMDG, IBC, IGC, IMSBC & MARPOL standard
Pilotage & Tug service request at arrival	Data for the Pilotage service request for arrival and departure of a ship
Port clearance management	Data related to the ship's departure (Port Clearance)
IMO FAL FORMS	The main information contained in the arrival and departure declarations are defined by IMO FAL forms (FAL 1 - General declaration, FAL 2 - Cargo Declaration, FAL 3 - Ship's store declaration, FAL 4 - Crew effects declaration, FAL 5 - Crew list, FAL 6 - Passengers list, FAL 7 - Dangerous Goods).
Berthing Plan	Used by Harbourmaster operators in charge of planning the berths. When the estimated time coming from the berthing request are confirmed, the operator can prepare the daily Berthing Plan, showing for each berth of the port the vessels that will occupy it. The port facility, has specific section in berthing request to change indication of berth and add notes.
Port Services management	Used by Harbourmaster operators to enter in the system the services provided to the vessel during its stay in port; these services are associated with the operations to determine when, where and how they were supplied.
Ship movements management	Used by Harbourmaster operators to control the movement of the vessels within the port waters. Each operation is associated with some information that defines the date and time at which the operation is performed and other descriptive elements. I-PORT PMIS displays on a cartographic map the vessels within the port. The vessel position is determined by manual operator movements integrated with data acquired by external systems (VTS, AIS, radars).
Reports and Statistics	Used by operators to produce reports, statistics, printed summaries, and detailed views of the data entered in the PMIS database. All the data extraction queries can be filtered and ordered with different parameters.

- Harbourmaster
- Coast Guard
- Maritime Agents
- Terminals
- Port Operators

