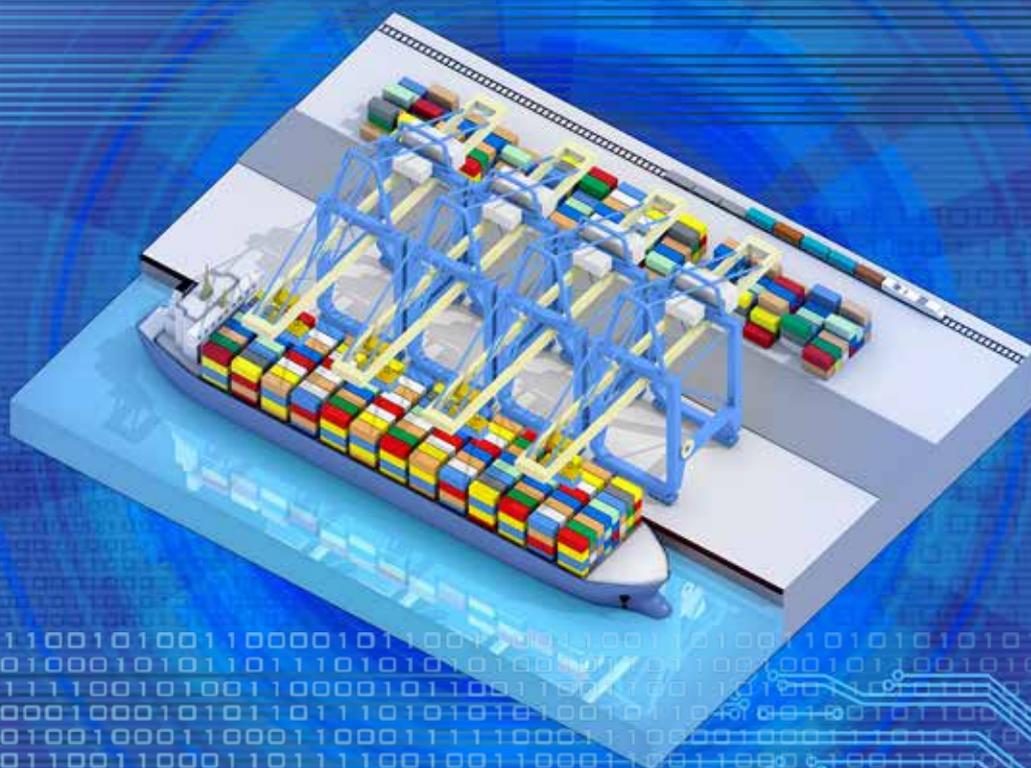


ARPROA

Call Management *S-WiNG*

A new-generation single window



Make your calls S-WiNG

Description

The **S-WING** software package is a port single window, used by all the community for the collection of declarations, the management, planning organization and operational tracking of the sea and river calls.

In the core of port information systems, it coordinates all the operations and events related to a call.

Scalable and adaptable to the environment of the port community in question, it is the key-element of the connected digital port.



Benefits

- It **adjusts** to all configurations of your infrastructure
- **Improves the performances** of the port transit of the ships: optimizes berth allocation, anticipates the requirements in services to shops, informs the stevedores, etc.
- **Dematerializes** administrative procedures by automating the circulation chains
- Complies with all the **European requirements** based on Directive 2010/65 EU, and anticipates the future EMSWe



- **Interfaces with the Cargo Community System** used by the port community
- **Secures the data processing** by integrating all data interchange formats
- **Secures call data** by providing a high level of data-sharing while guaranteeing high confidentiality
- **The follow-up of the tool** is guaranteed by port single window recognized experts.



Key-stakeholders



Characteristics

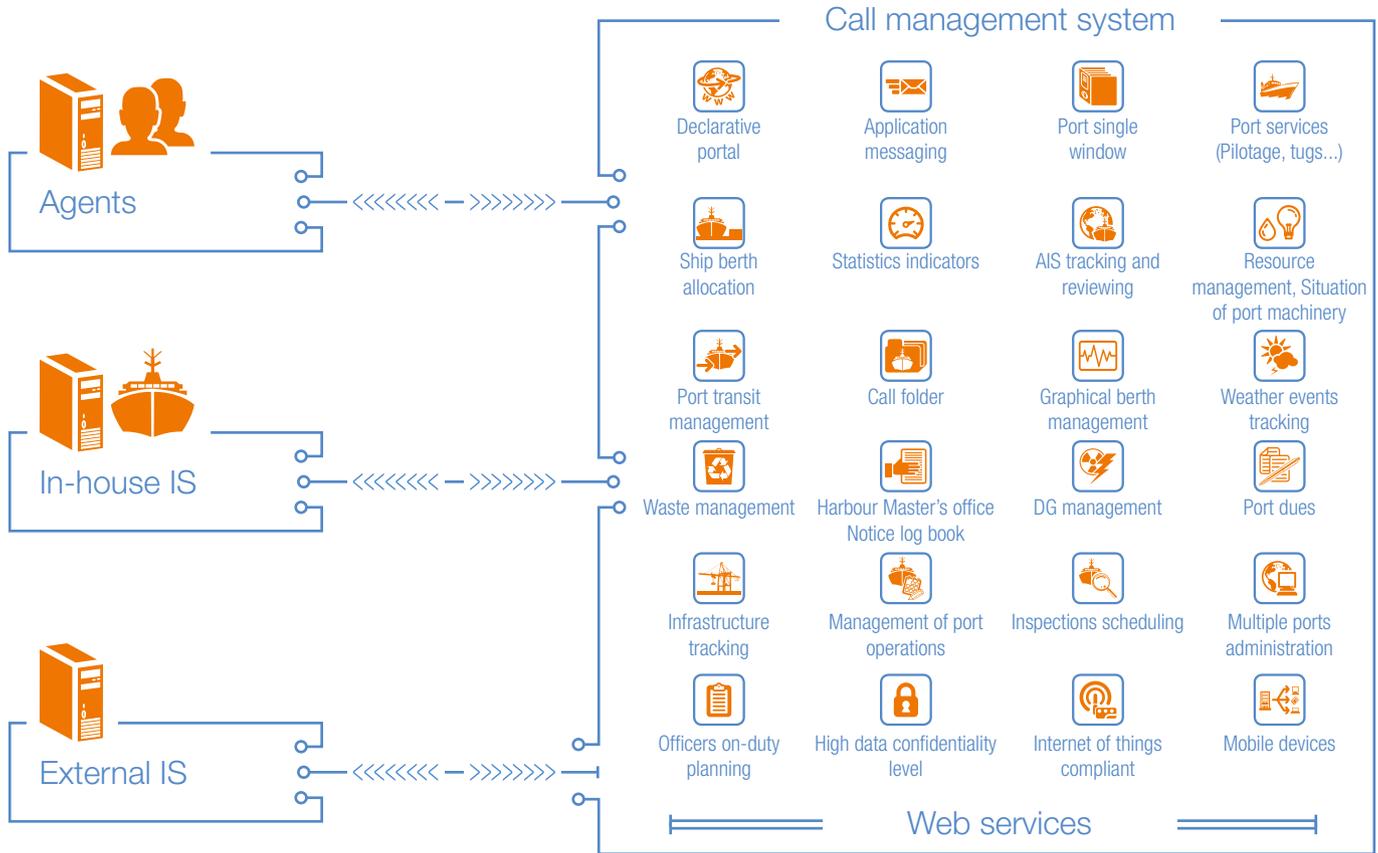
- **Standardization and centralization** of the process of call declarations
- Ready-to-use software package which naturally includes the trade specific features of your port
- Management of any **scheduled or unexpected** event of the call life
- **Simplified** changes of the declarations according to the statutory updating
- Integration of all **services to ships** (pilotage, towage, linesmen, waste collection etc.) within the same interface
- Simplified technical integration in your information systems owing to a **service-dedicated approach**
- Guaranteed interoperability by **native consideration of international electronic interchange standards** (EDI Edifact, XML, etc.)
- Possibility of managing various organizations, including **structures with several ports**
- Event managing engine which can be **entirely parameterized**
- Easy to use and scalable in order to **adapt in real time to** regulatory changes.

Direct connection to the add-ons used to:

- Generation of the **invoicing data**
- Dematerialization of **the port dues on ships**
- **Waste management** with traceable certificate issuance
- Production of **port statistics** and performance indicators (KPIs)
- Management and tracking of **hazardous cargo**
- **Replay** of calls and analysis of the crossing of traffic lanes
- Management of **the position and state of gantry crane booms**
- Integrate with the port's **Vessel traffic service**.



Functional Architecture



Distributor partners: **Airbus, Sogeti**



HAROPA ^{PORTS}

Your logistics solution in Europe

CONTACTS

Jérôme BESANCENOT

Head of the Information Systems Development

Tel.: +33 (0)2 32 74 74 10

jerome.besancenot@havre-port.fr

Frédéric GILLETTA

Head of Operational and Community IT

Tel: +33 (0)2 32 74 74 28

frederic.gilletta@havre-port.fr

www.haropaports.com

References:

Ports of Nantes Saint-Nazaire, Dunkerque, Reunion, Abidjan

