

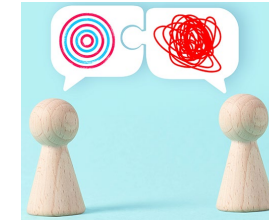
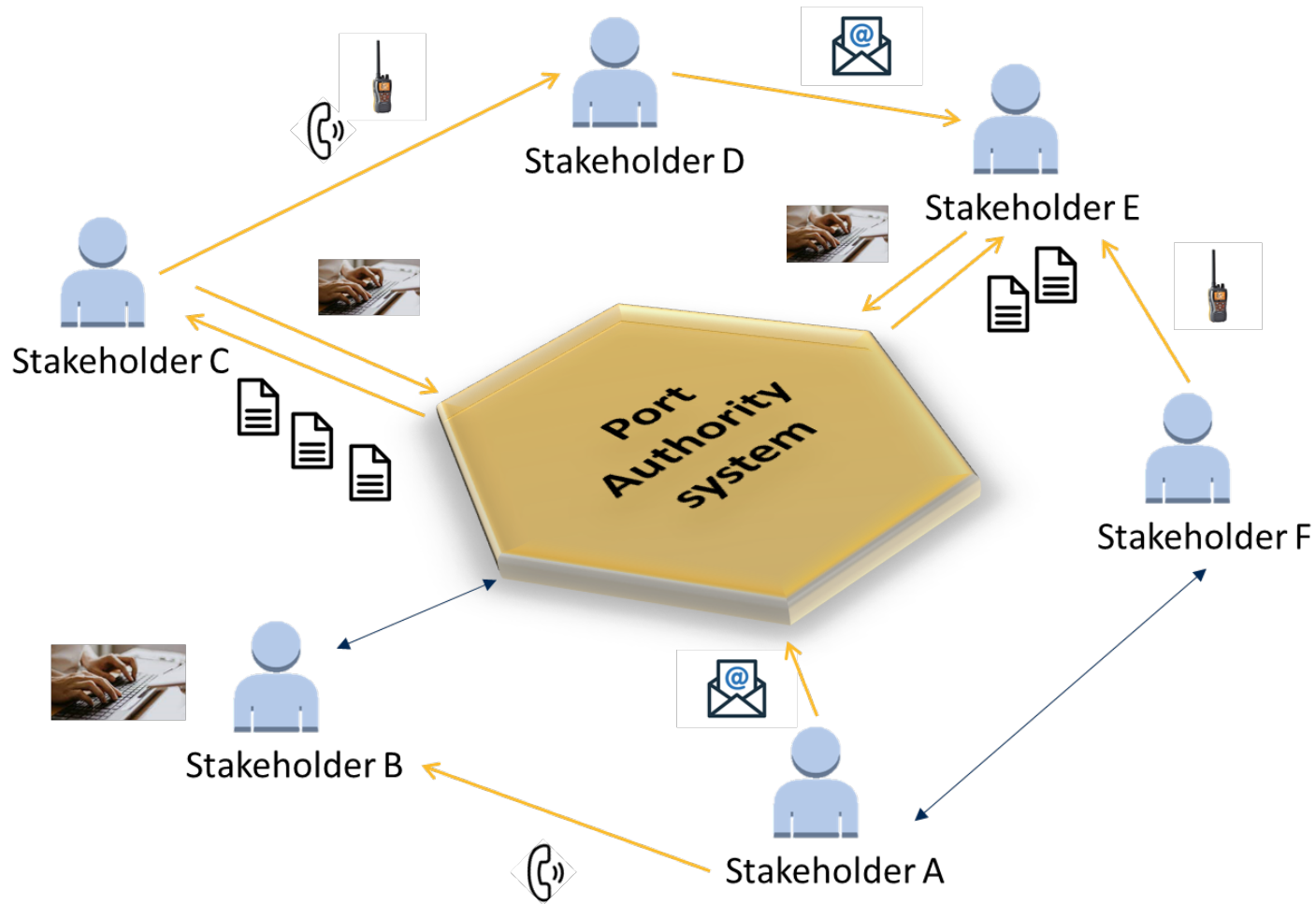
SEAPort

Solutions

Port call optimization based on process digitalization, data sharing and a collaborative approach



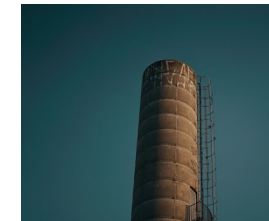
Contextualization and problems to be solved



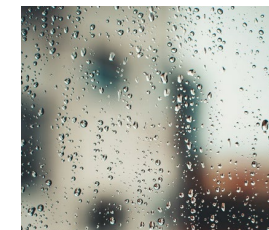
Communication inefficiencies



Lack of standards



Silo-based solutions

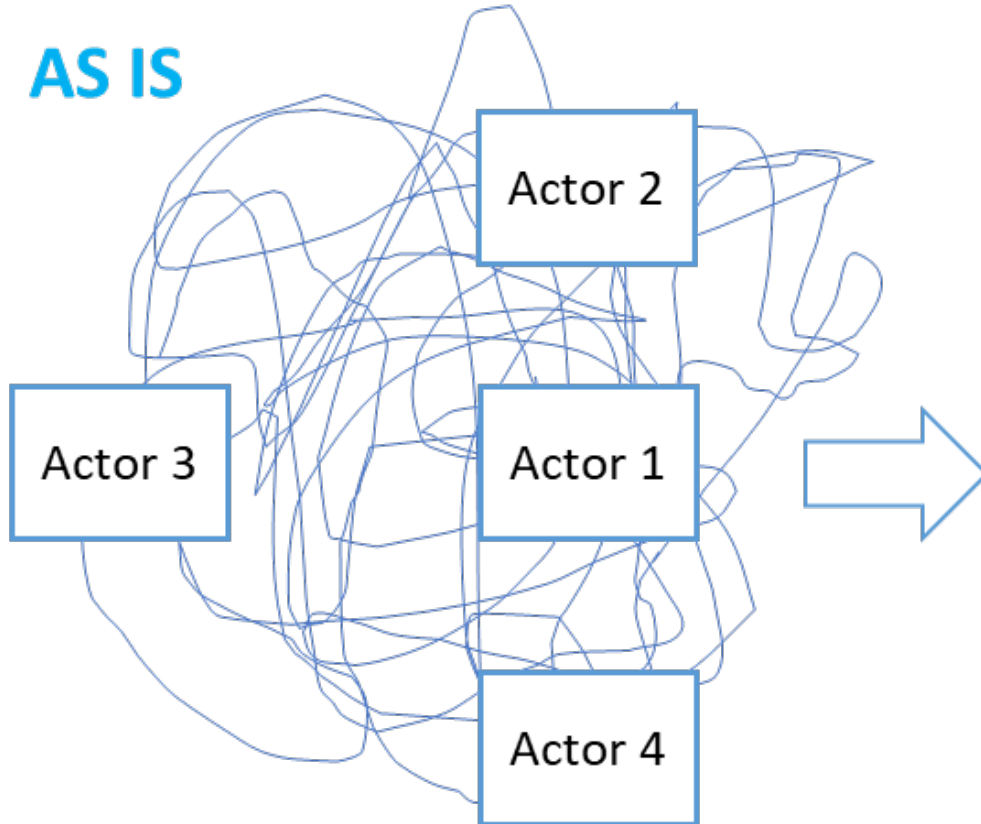


Lack of transparency

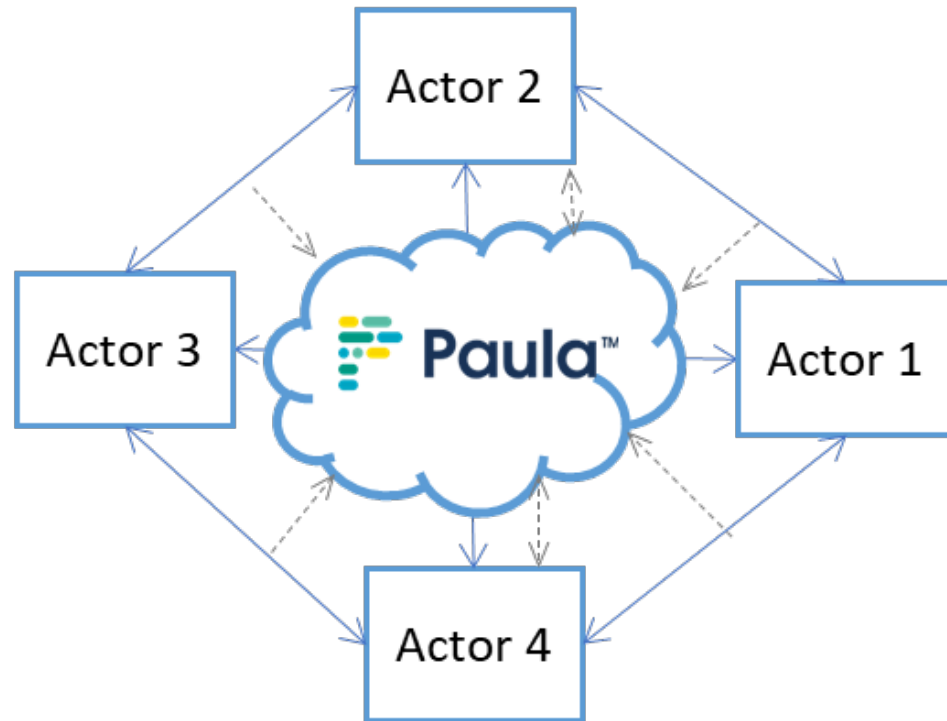


SEAPort Solutions' approach

AS IS



TO BE



Solutions based on PortCDM approach

Port call optimization

Port call synchronization

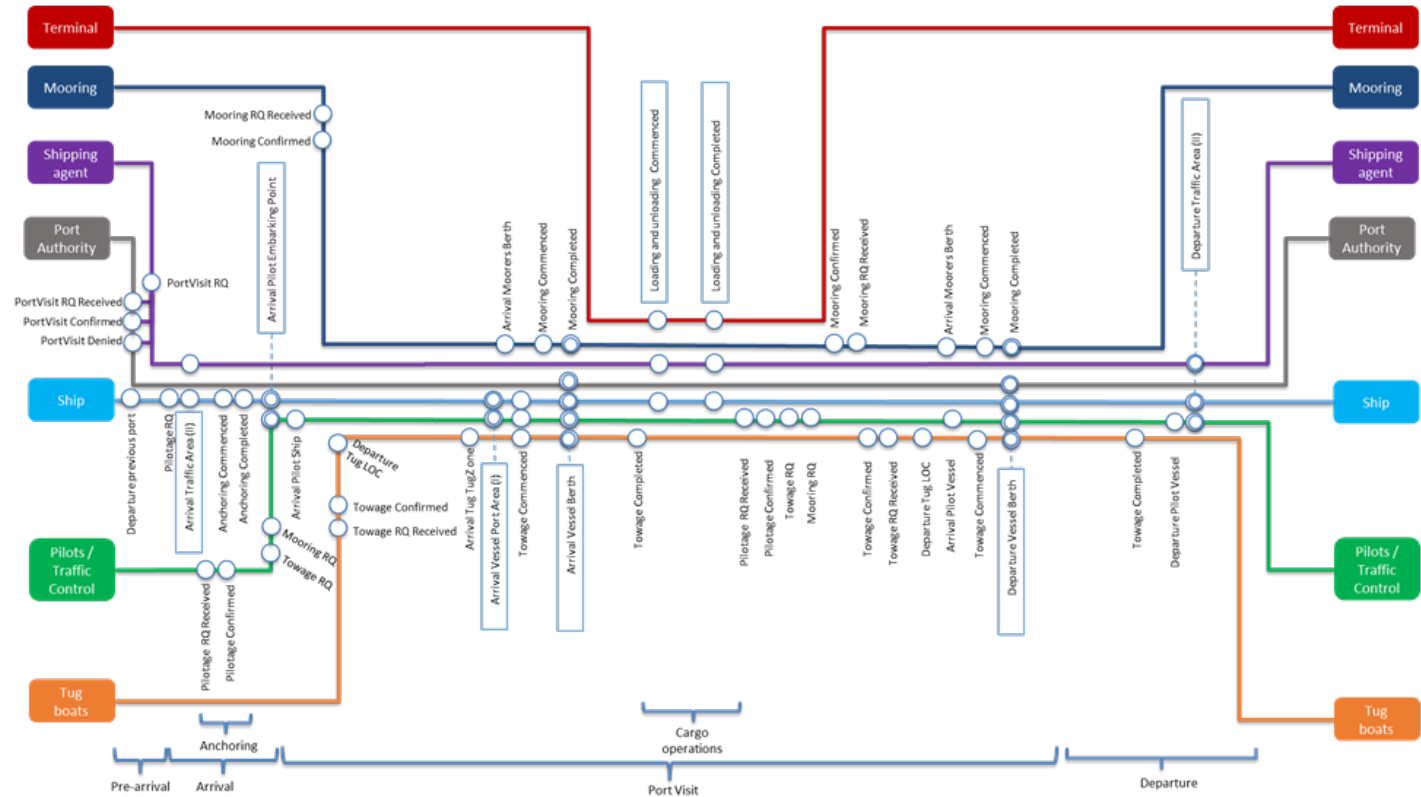
Port-2-Port



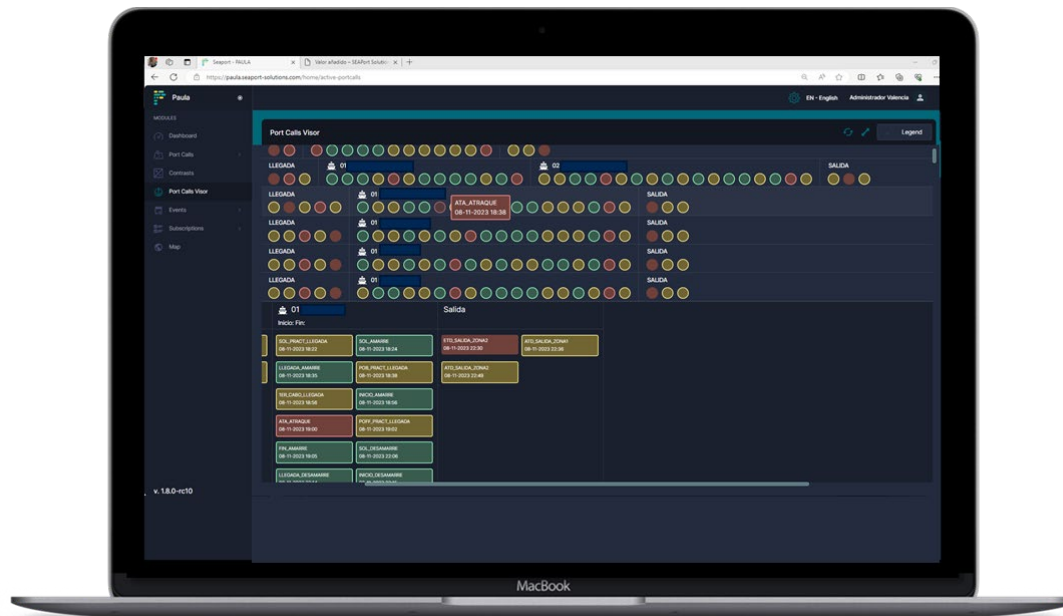
Ship-2-Port (JIT Arrivals)



Port call coordination



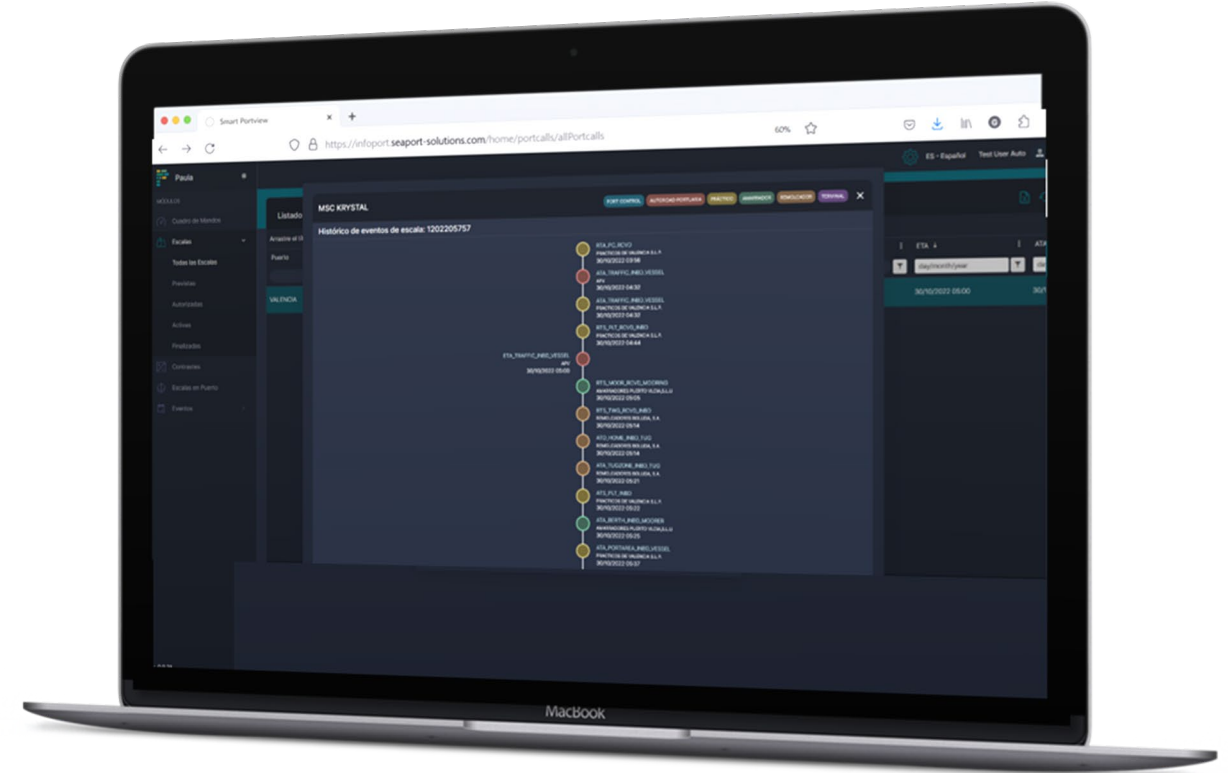
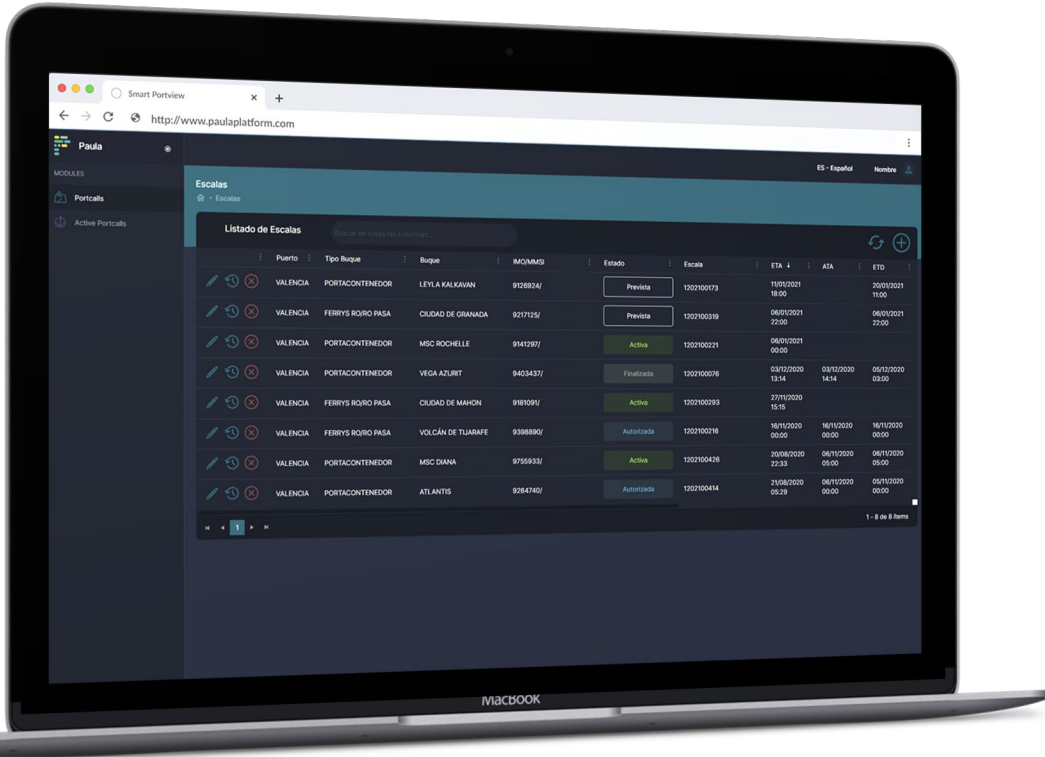
Our PortCDM platform, PAULA, sets the basis for improving the efficiency of port call processes through shared digital information by means of an international standards (**IALA S211, DCSA and TIC 4.0**), system integration and the creation of a framework for collaboration among all the agents involved in these port calls.



The **visor module** allows the tracking of events from multiple port calls at a glance. Each agent can configure and select the most relevant events to it.



Viewer of the relevant information of each port call

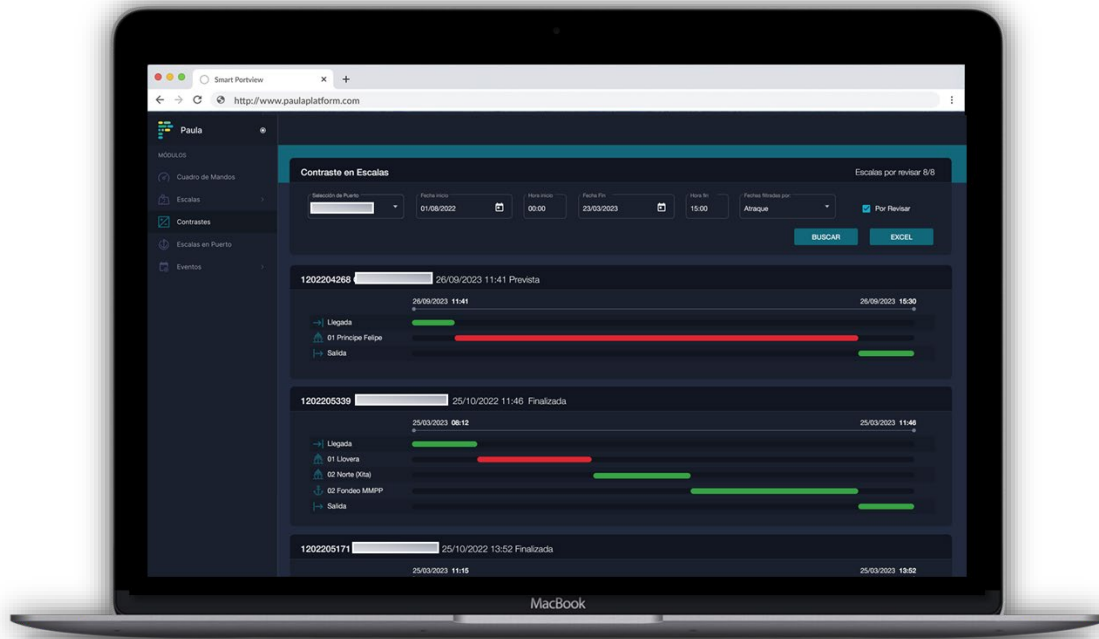


The right information, at the right time, to the right agent.

Access Management to data according to specific roles and permissions.

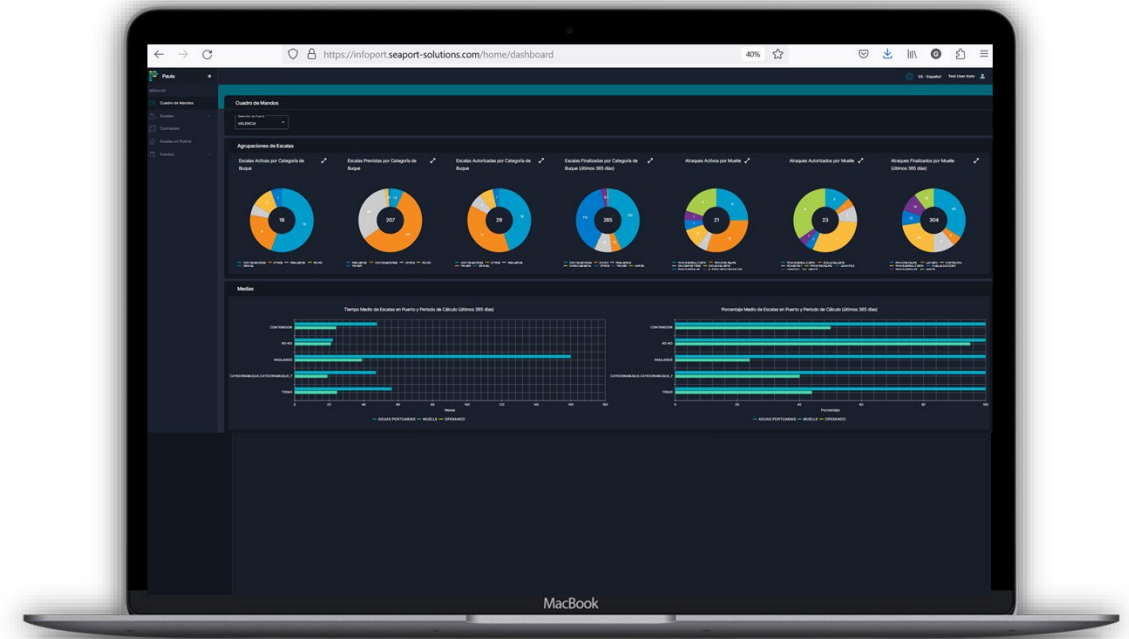


Contrast module



Quick identification of reporting delays or errors through
cross-checking of event data from multiple sources

Dashboard with specific KPIs



You can't improve
what you don't measure



Project of implementation of PAULA at Valenciaport



València



Sagunto

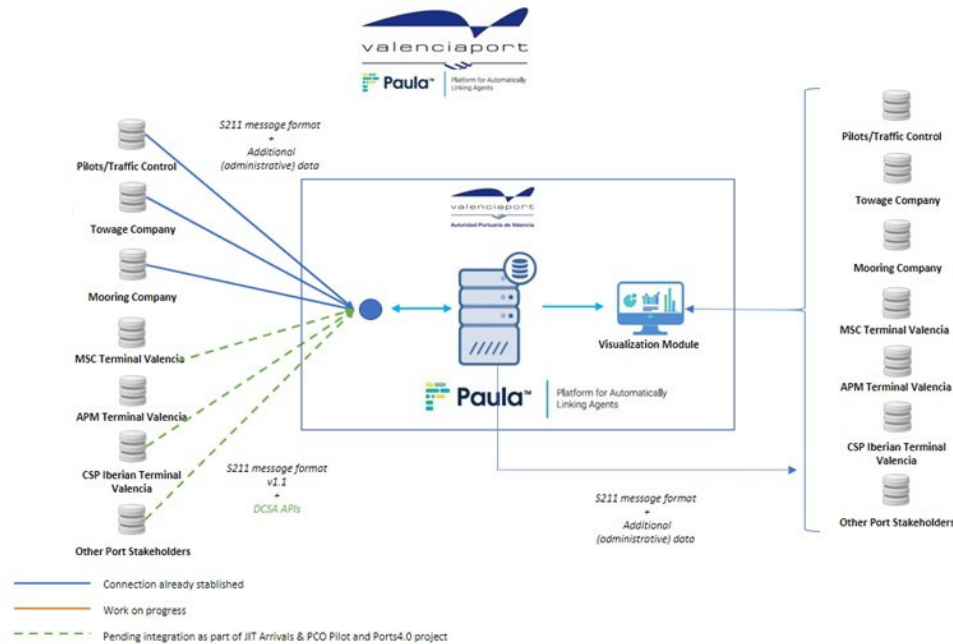


Gandía



Palma

Port call coordination



Port call synchronization (Port2port communication (ATD))

Completed on **February 2024**

Co-funded by



Puertos del Estado



Uses cases in Latin America

Implementation of PortCDM concept
at **Portos do Paraná** in Brasil



Deployment of PAULA
at **Puerto Quetzal**





Potential savings of 675€/port call



452 kg CO2 less per port call



Improving competitiveness



Real-time event monitoring and accurate estimations



Essential basis for just-in-time processes (JIT Arrivals)



Simplification of administrative procedures (less paperwork)



Data analysis to optimize decision-making processes



Who gets benefit?



For a **Port Authority** the efficient management of ship calls is essential to survive as a hub port within international logistics and transport chains in a context of increasing competitiveness and globalization.



Nautical service and bunkering providers (tugboats, pilots and moorers) need to know the evolution of events in real time to minimize waiting times until service provision and to be able to improve their own productivity. Platform would centralize port call data reporting and facilitate events tracking in real time.



Terminal operators could optimize the berth management by a better use of their available capacity in terms of resources (STS cranes, yard tractors, etc.) and infrastructure, considering potential delays and workings with accurate timestamps.



Shipping companies and **shipping agents** will reduce the port call associated cost and they will have access to precise data. Systems integration will avoid the introduction of data in multiple systems.



Key actors in supply chains (**railway companies and terminals, trucks, shippers**, etc.) will be informed about key events (ATA-Traffic Area, ETA (delayed), ATA-Berth, etc.).



**“A ship in a harbour is safe but that is not what ships
are built for” - William H. Shedd**



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Partners

