

One network for the port call, from ETA to departure

Ports coordinate agents, pilots, tugs, terminals, carriers and authorities across bespoke portals, email and point-to-point integrations. Peppol Logistics carries the same port call data as standardised messages on one secure network, and the Semantic API connects you to it.

The port call as standardised messages

ETA and voyage progress

Berth request and confirmation

Pilotage and towage ordering

Schedule changes and cancellation

Documentation and compliance



Fewer integrations to maintain

One connection replaces the N-to-N mesh of port-specific interfaces. Carriers and agents reach your port the same way they reach every other port on the network.



Just-in-time arrivals

Shared ETA updates and confirmed berth windows cut non-productive waiting and let pilots, tugs and terminals plan resources against the same picture.



Need-to-know distribution

Role-based access for agent, pilot, tug, terminal, port authority and authorities. Event-level logging and a full audit trail for compliance and claims handling.



Local requirements without forks

National or port-specific data elements are handled as configuration-driven extensions with versioning and backward compatibility, not as code changes per counterparty.

The Semantic API as your port platform

Ports without a port community system can run the full port call on the Semantic API: message creation from templates or portal, file and API onboarding for participants of any IT maturity, mapping and validation, and delivery over our certified Peppol Access Point. Ports that already have a PCS connect it to the network through the same API.

Compliance and measurable value

IMO Data Compendium

Documented mapping to the reference data elements.

EMSWe and eFTI

Reporting flows and freight information ready ahead of July 2027.

Manual handling

Minutes saved per port call, measured baseline against pilot.

Time to onboard

Sign-up to first successful end-to-end message.

Start with five to ten live port calls

We onboard one carrier and your core service providers, run a live pilot, and report the KPIs before you scale it across the port.

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