



Protect Group

Valencia Port

Agenda

- Who is PROTECT
- Why PROTECT has been founded
- Role towards UN
- Results in EDI Messages standardization
- Relation to IPCSA
- Support to EC and EMSA
- main topics and projections
 - Single windows
 - Cybersecurity
 - Big data and IOT
 - New means of ships communication



Who is PROTECT



- Interest for port authorities to use standard and harmonized EDI messages between Business and Port Authorities
- Established in 1992 by 6 major ports in North West Europe
- Once started in EU-project, now globally seen as important association
- Official UN maintenance for BERMAN, IFTDGN (IMO-FAL 1 & 7) and WASDIS (Waste disposal) messages and implementation guides.
- Defines UN/CEFACT certified messages relating to law & regulations regarding Port Authority matters
- Strongly related to SMDG
- Established relations to EMSA, ESPO



Why the association has been founded

- Harmonise and optimise electronic information exchange by means of standardised messages legally required in ports
- For B2G: ship (agent, liner) to Port Authority (Harbour Master)
 - Ship movements, navigation
 - Dangerous cargo
 - Waste
 - Port security information
- Improve data quality by linking up with industry standards and conform with business arrangements



Participants in PROTECT



- Port Authorities:
 - local competent authorities requiring legally data or notifications to manage their vessel calls
- Port Community Systems companies:
 - fluidify the data flows within ports : B2B, B2G



PROTECT EU group members



- **Port Authorities**

- Port Authority of Antwerp
- Port Authority of Bremen
- Port Authority of Felixstowe
- Port Authority of Hamburg
- Port Authority of Le Havre, Nantes & Port of Dunkirk
- Port Authority of Rotterdam
- Port Authority of Amsterdam
- Groningen SeaPorts (Port of Delfzijl)
- Port Authority of London
- Port Authority of Bilbao, Barcelona
- Portel SW for Spain's National Ports
- Associated Member SMDG

- **Port Community Systems**

- APCS
- DBH
- MCP
- DAKOSY
- SOGET
- Portbase
- CNS

The Protect Group results



- PROTECT Guide - universal implementation guide
 - Protect Message scenario
 - Dangerous Goods Notification Message (IFTDGN)
 - Waste disposal Message (WASDIS)
 - Berth services request Message (BERMAN)
 - Application error and acknowledgment (APERAK)
 - EDIFACT Message envelope segment recommendations
- World-wide recognised EDI standard set of messages
 - Maritime Industry / Shipowners and Maritime agencies
 - IMO/FAL recommends PROTECT Guide as EDI IMO FAL Form 1 (vessel notification) and IMO-FAL 7 form (Dangerous Goods Declaration)
 - UN/CEFACT standardization bodies TBG3/ITIGG. Protect Guide is endorsed by UN/EDIFACT

Relation to IPCSA



- Many Port authorities all over the world use Port Community Systems as their gateway to and from the Harbour Management System
- Because of mutual interest of enhancing the logistic information exchange, PROTECT and IPCSA work very close together
- Link between PROTECT and IPCSA mainly focus on the mutual interest for both the market and the authorities in matters related to ships operations in the port
- Close cooperation between PROTECT and IPCSA leads to a more powerful and influential adviser group towards EU

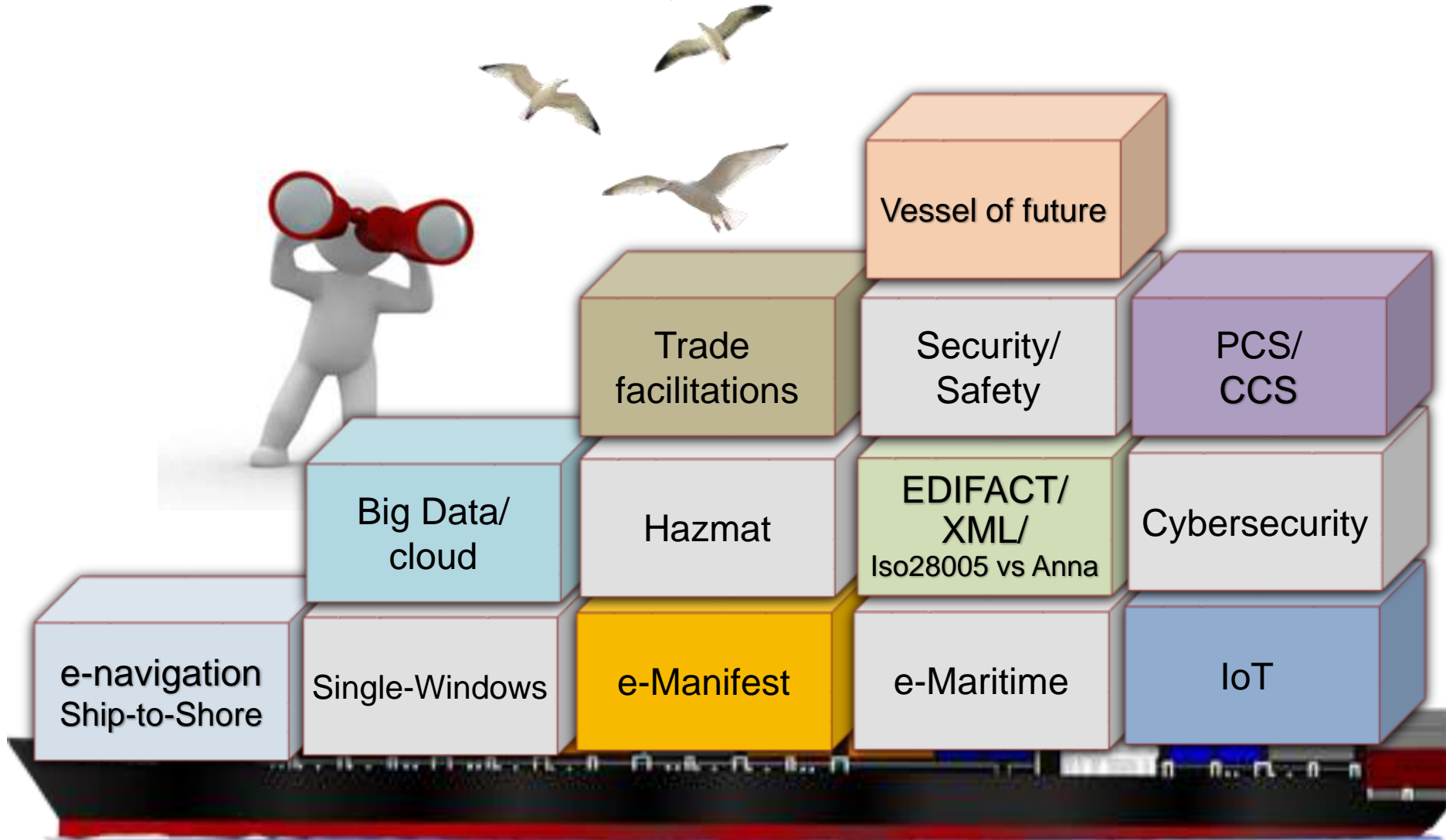


Support to EC and EMSA

- Provided technical and practical expertise in the evaluation of the EMSA NSW set up
- Members of PROTECT and IPCSA together provided input in the data cross reference list as requested by EMSA
- Strong participation in the SafeSeaNet HAZMAT working group for data quality enhancement



Main topics and projections



Thank you for your attention !

Jérôme Besancenot
info@protect-group.org