

Major challenges in digitalisation of maritime shipping

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Peter Kirov
Head of Department
“Digital Service & Simplification”

The European Maritime Safety Agency

- **EMSA is an agency of the European Union with its own legal identity**
one of >30 agencies in the EU
- **Over 270 employees (recruitment of staff started in 2003)**



- **Domains of the Agency:**

- Maritime safety
- Preventing/responding to pollution from ships& off-shore installations
- Maritime security
- Maritime transport administrative simplification

- **Vision:** be the centre of excellence for a safe and sustainable EU maritime sector.

EMSA's strategic framework 2020-2024



- Sustainability
- Safety
- Security
- Simplification
- Surveillance

as

- Service provider
- Reliable partner
- International reference
- Knowledge-hub

Modern organisational management
efficient, stakeholder oriented, smart, transparent
and gender balanced

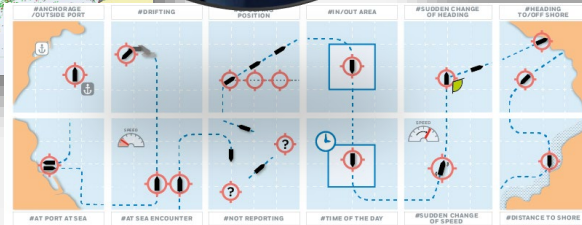
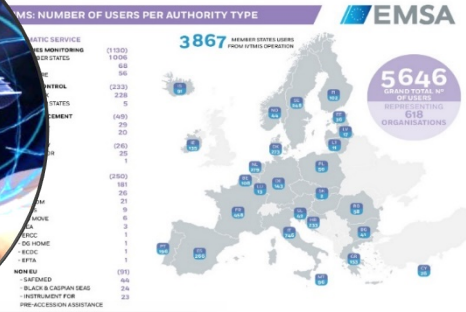
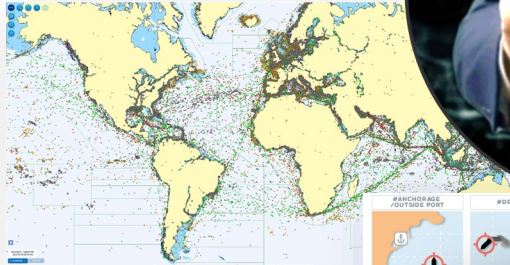
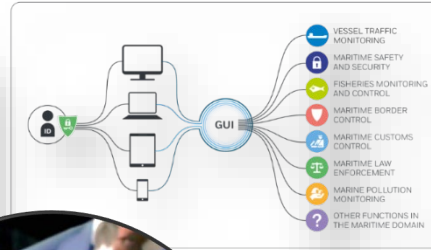
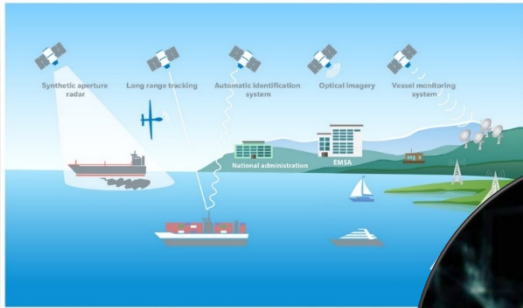


EMSA supports the digitalisation and simplification of EU shipping to make maritime transport safer, greener and more efficient.

EMSA's activities contribute to the digitalisation of maritime sector:

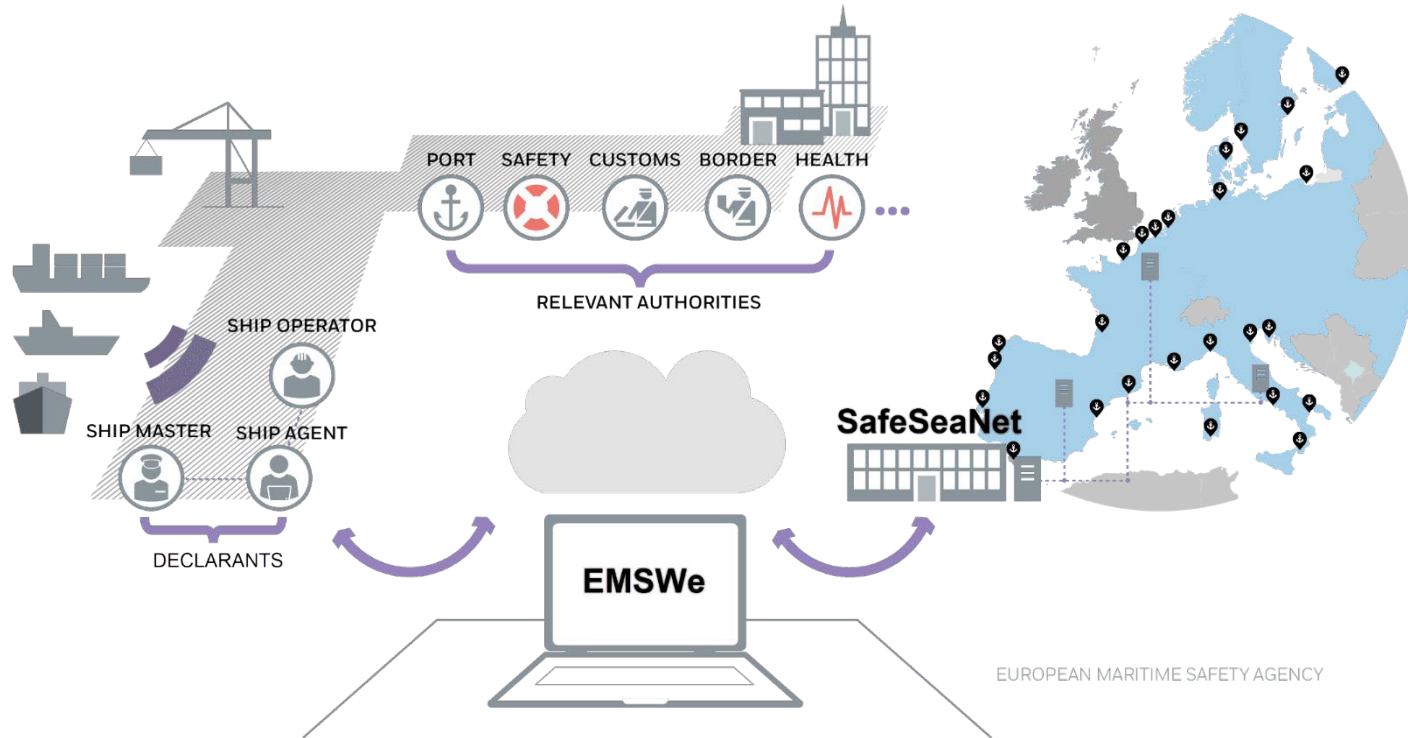
- Electronic data exchange;
- Harmonisation;
- Re-use of data;
- Data integration and data analysis;
- Transition of the EU maritime sector to a paperless environment;
- Use of modern technologies such as Artificial Intelligence, Machine learning or Big data analysis.

Integrated Maritime Services (IMS)

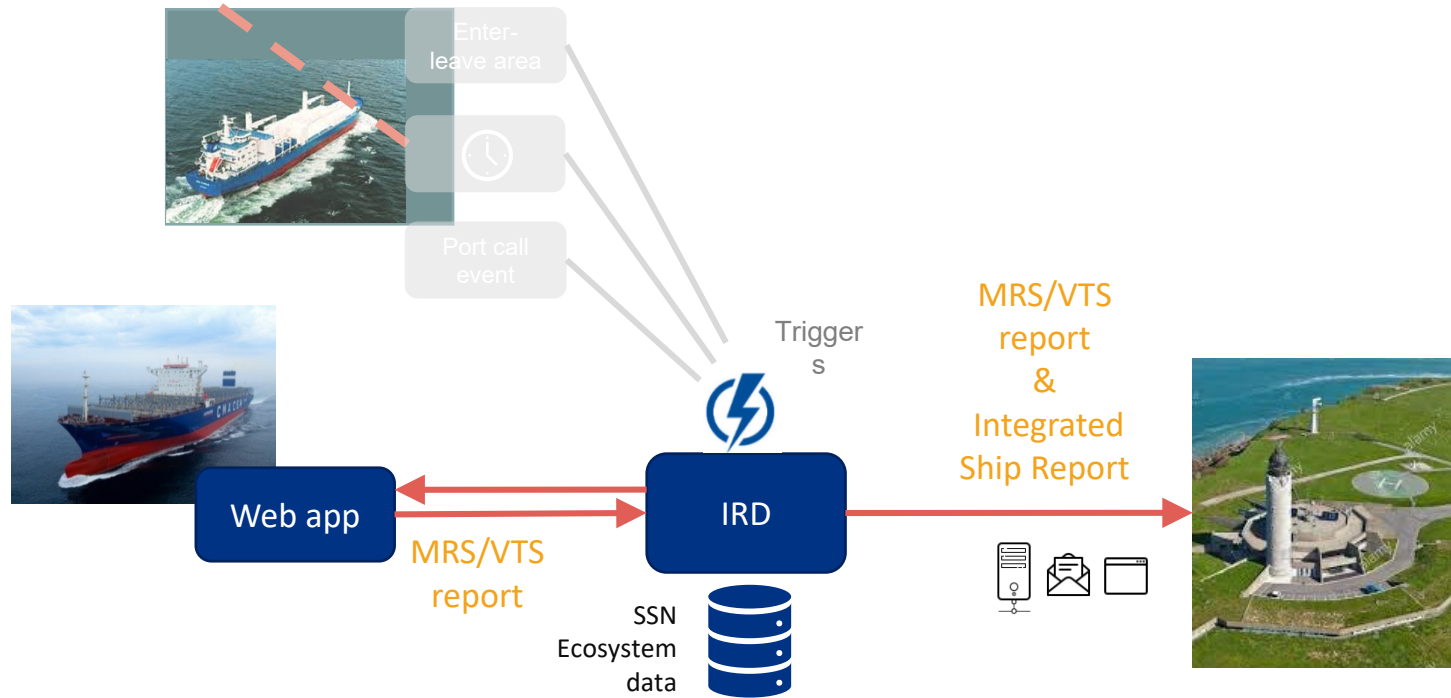


Paperless digital environment for transport and trade

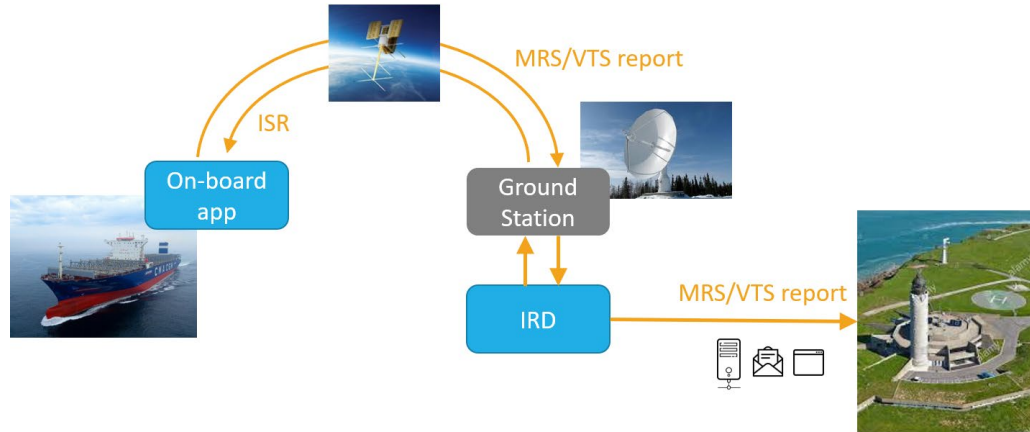
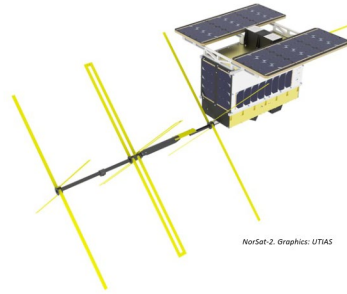




IRD – Ship to Shore reporting facilitation



eNavigation – the future





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