

# CISE STATE OF PLAY

*4th CISE Open Day*

Lisbon, 11 December 2025



- Revised **EU Maritime Security Strategy (EUMSS)** and its Action Plan (October 2023) [\[link\]](#)

- **Strategic Compass for Security and Defence** (March 2022) [\[link\]](#)

- **Council conclusions on maritime security** (June 2021) [\[link\]](#)

- **EU Action Plan on Cable Security** (February 2025) [\[link\]](#)

- Ongoing discussion: participation of **third parties and non-member countries**



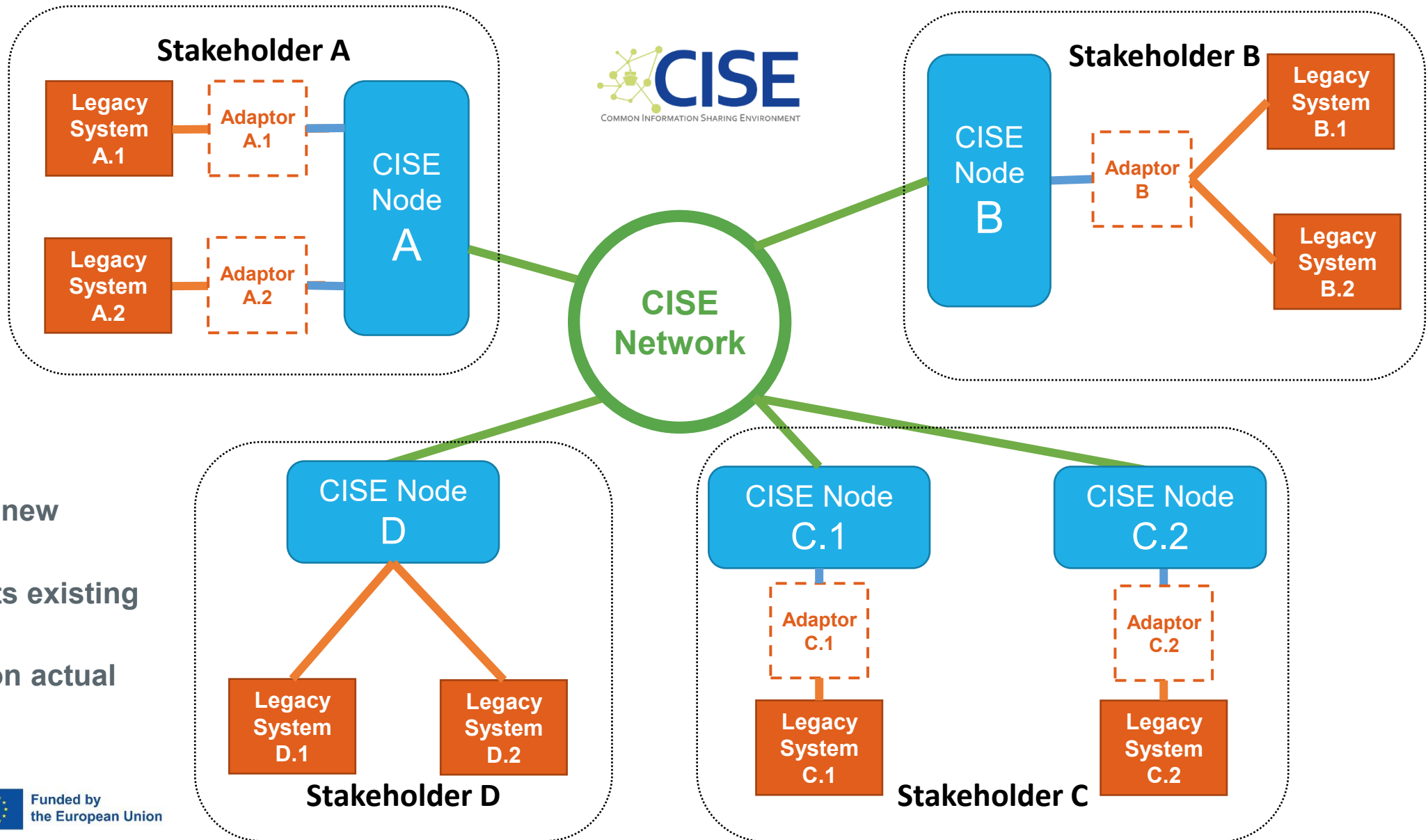
*“Based on voluntary participation, the **CISE will facilitate information sharing** between different authorities responsible for coast guard functions, including the military, connecting concerned authorities within and across Member States.”*



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- The diagram illustrates the interconnectedness of various maritime and coastal management sectors in the UK. A central ship icon is connected to five main nodes, each representing a primary sector. These nodes are further connected to specific sub-sectors represented by icons.
- Marine environment:** Includes icons for a hand holding a globe, a globe, and a balance scale.
  - Maritime safety & security:** Includes icons for a padlock, a person at a desk, and a globe.
  - Fisheries control:** Includes icons for a fish, a hand holding a fish, and a shield.
  - Border control:** Includes icons for a globe, a padlock, and a fish.
  - Customs:** Includes icons for a hand holding a globe, a person at a desk, and a shield.
  - Defence:** Includes icons for a shield, a padlock, and a balance scale.
  - Law enforcement:** Includes icons for a fish, a person at a desk, and a balance scale.







CISE is not a new system,  
CISE connects existing systems =>  
NO duplication actual sharing



Use of CISE by EU MS maritime authorities and EU bodies  
**in the operational context**



Maintain and evolve the **technical and operational building blocks**



Establish the first phase of the  
**CLASSIFIED exchange of information** through the CISE network



# CISE Network in the Operational Phase



- ✓ **Operational Nodes**
- ✓ >30 maritime authorities
- ✓ **Pre-Operational Nodes**



## CISE STAKEHOLDERS GROUP MEMBERS:

COUNTRIES	
NAME	EU INSTITUTIONS, EU SERVICES, AND OTHER INTERNATIONAL ORGANISATIONS INVOLVED





Vessel of Interest (VOI) list

To share a **list of vessels** with other authorities and to get notified when a vessel in the list is detected.

Vessel {subscribe}



Event Reporting (Incident)

To inform other authorities about **events** (e.g. incidents or sightings) occurring on board of vessels, seaborne or airborne assets, or at any location in the EU maritime territorial waters.

Anomaly/Incident/... {push}



Risk Profile

To alert about **risks** in particular maritime geographical areas that may affect vessels, activities or the environment.

Risk {push}



Request for Operational Assistance

To request **operational assistance** from other authorities based on the availability of the latter's assets (e.g. aerial or maritime assets).

Operational Asset {push}



Area of Interest

To gather information (e.g. satellite imagery, detections of illegal activities, etc.) in a specific **area**.

Action {push}

Request for Analysis



All defined by a **workflow** including the iteration among authorities involved in the info exchange



**NEW FUNCTIONALITY:**  
- big Data sharing  
- chat

\*elaborated by a dedicated Working Group composed of experts nominated by EU MS authorities which are CISE stakeholders.



# Operational exchanges – standing / on-demand

Use case	Initiator	Location	Operational Service
Search and Rescue / migration events	Italian Coast Guard	Central Med	Irregular Migration Incident (every day)
AIS tracks	Hellenic Coast Guard	Hellenic SAR	Stream service - Constant flow
Report on fishing vessels	EFCA	Europe	On demand – best effort based
Russian Sanctioned Vessels	EMSA	Europe	Vol - weekly
Satellite imagery	EMSA	Europe	Stream service (WMS) - On demand
<i>Drug trafficking – suspicious vessels</i>	<i>French customs</i>	<i>Atlantic</i>	<i>Vol - On demand</i>
<i>Illegal trafficking – suspicious vessels</i>	<i>Hellenic Navy</i>	<i>EAST Med</i>	<i>Vol – On demand</i>
<i>Thetis banned vessels</i>	<i>EMSA</i>	<i>Europe</i>	<i>Vol – weekly</i>
<i>TWA – Strategic Plan</i>	<i>EMSA-FRX- EFCA</i>	<i>Europe</i>	<i>Satellite imageries – Pollution Sightings</i>

# Operational exchanges – 2025 exercises

Exercise	Initiator	Participants	Location	Plan	Operational Service
SARex – POLex- COMex under MMO ADRIA (EFCA)	Croatia	IT (Coast Guard), SI, HR, EFCA, EMSA	Adriatic	October 2025	<ul style="list-style-type: none"> <li>• Big File transfer</li> <li>• Request for operational assistance</li> <li>• Risk profile</li> <li>• Maritime Safety Incident</li> <li>• Exchange of SITREPs</li> <li>• Exchange reports on fishing vessels</li> </ul>
MMO La Manche (EMSA)	EMSA	FR navy, EFCA	Atlantic – North Sea	September 2025	<ul style="list-style-type: none"> <li>• Vol – Russian sanctioned vessels</li> <li>• Exchange of Intelligence reports on fishing vessels</li> </ul>

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## Overview

(per each connected participant):

- Maritime community
- Node status
- Classified/unclassified network
- Cooperation Agreement
- Participation in Working Groups

2

## Information Sharing Plan

(per each information available in the network):

- Who provides the info
- Dataset type
- CISE service type, communication pattern, operational services
- Coverage
- Distribution policy
- Status
- etc.

3

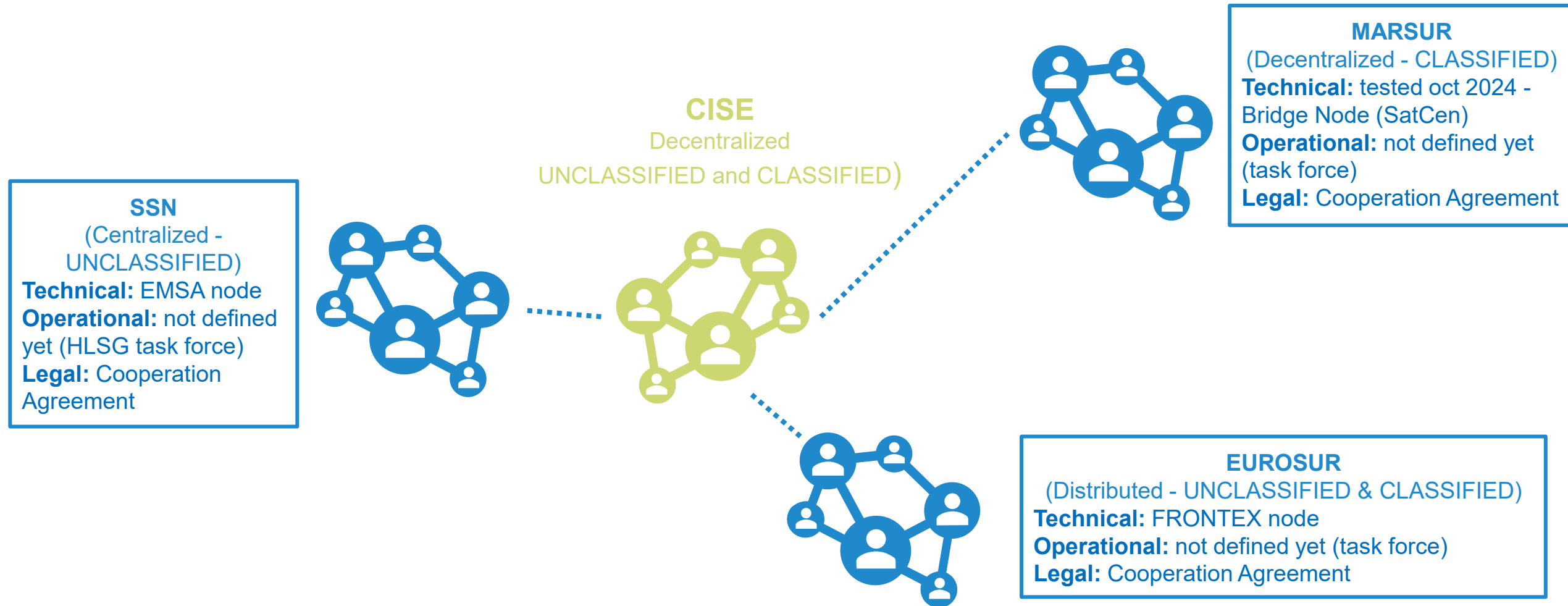
## Operational scenarios

- Participants involved
- Operational services used
- Coverage
- Classification level
- Hyperlink to the full description in WIKI

4

## Security recommendations (section in drafting)

- Short description
- Link to the full description in WIKI
- Status of compliance (optional)





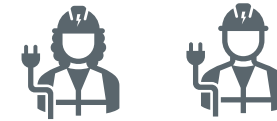
## Technical and Operational Support

## Training

- Node administrators
- Development of adaptors



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## Use case: Protecting Critical Maritime Infrastructure



Image by 466654 from Pixabay



Funded by  
the European Union

### Context:

A maritime authority would like to increase its spatio-temporal monitoring capabilities **to protect its CMI from any potential threat by collecting any additional information** provided by other EU maritime authorities or EU Agencies about the area where its CMI are located.

### Possible use of CISE:



To gather additional information about an **AoI**



To gather additional information about a **VoI**



To request operational assistance





## Use case: Anti-drug trafficking




Image by Dimitris Vetsikas from Pixabay

### Context:

A law enforcement authority from an EU country is interested in monitoring a vessel, which may be involved in a drug trafficking event occurring in its territorial waters.

### Possible use of CISE:



To gather additional information about a Vol



To request operational assistance





## Use case: Cyberattacks on Port Authorities' systems



Photo by Steffen Lemmerz on Unsplash

### Context:

**Maritime administrations and port authorities** handle, store, and share a vast number of data, often linked to the global supply chain. These data can be targeted by cyberattacks.

### Possible use of CISE:



Event Reporting

Post incident analysis







## Multipurpose Maritime Operation (MMO) and MARSEC



### Scenario:

- In 2025
  - 2 MMO La Manche and Adriatic
  - 1 MARSEC (Spain)
- In the future
  - MMOs
  - Sea Basin strategy

- [www.emsa.europa.eu/cise](http://www.emsa.europa.eu/cise) - latest news, information about CISE implementation, technical specifications
- [Interactive guide on CISE \[link\]](#) - provides a general understanding about CISE, as well as information on how to join the CISE network
- [Practical guide for joining the CISE network \[link\]](#) - organisational, financial, technical and operational aspects to be considered when planning the connection to CISE
- The latest [video \[link\]](#) on the CISE Operational Phase
- Contact us at: [mss@emsa.europa.eu](mailto:mss@emsa.europa.eu)

Common Information Sharing Environment

About CISE

- CISE Stakeholders
- Operational Phase
- Useful material
  - Interactive guide
  - Videos
  - Publications
- FAQ

Operational specifications

Technical specifications

News & Activities


Meetings and workshops

Related Links


CISE Contacts

mss@emsa.europa.eu is the single point of contact for the CISE Stakeholders Group members to request any technical, operational and administrative support.

## Common Information Sharing Environment (CISE)



The Common Information Sharing Environment - CISE - is a network that connects systems of European and EU/EEA Member States authorities with responsibility in maritime surveillance. CISE enables them to exchange relevant information across borders and different sectors in a seamless and automated way, leading to an enhanced maritime awareness picture and, thus, allowing for more effective operations at sea.



Why is CISE needed in the EU maritime domain?

Maritime authorities across the EU carry out many different operational surveillance tasks and for this purpose they all gather maritime data and information through their sectoral platforms and IT systems. **CISE is an infrastructure facilitating information sharing among all these authorities' systems**, adding value to their maritime surveillance efforts. This is possible due to a unique CISE architecture which was designed based on the needs of maritime authorities from all different sectors:



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