

NORTH ATLANTIC TREATY ORGANIZATION
ORGANISATION DU TRAITÉ DE L'ATLANTIQUE NORD



NATO's DIGITAL OCEAN

Navy Tech 2025 - Helsinki

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END-STATE AND OBJECTIVES

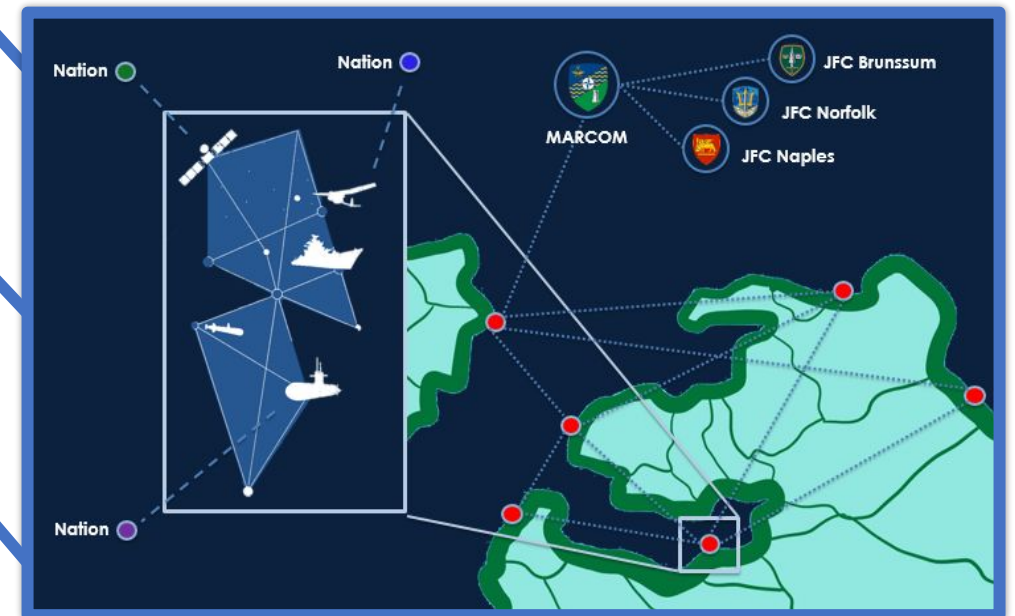
VISION = END-STATE

Enhance Maritime Situational Awareness from Seabed to Space through the ability to **orchestrate persistent, agile and adaptive capabilities** that concentrate sensing **below, on and above the sea**, to exploit data at the **speed of relevance** to increase the cognitive capacity of operators and decision makers **across all domains**.

Interoperability to Interchangeability

Effective Data Exploitation

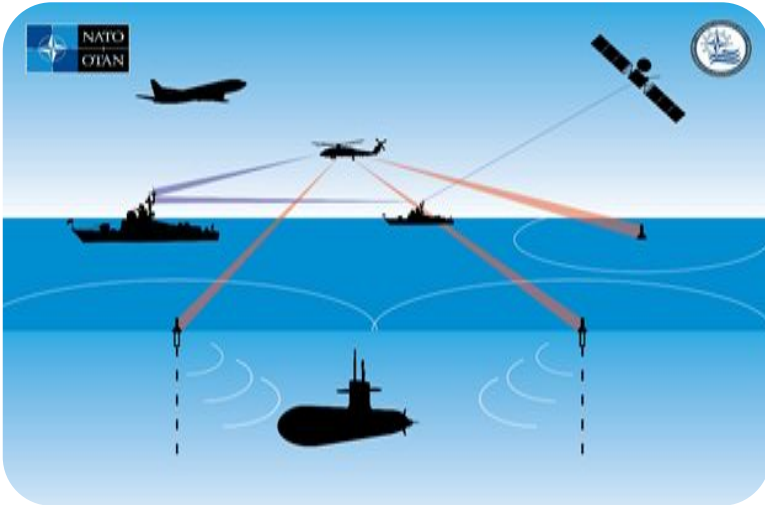
Capability Acceleration & Delivery



PHASED APPROACH TOWARDS 2030

PHASE 1: 2024- 2026

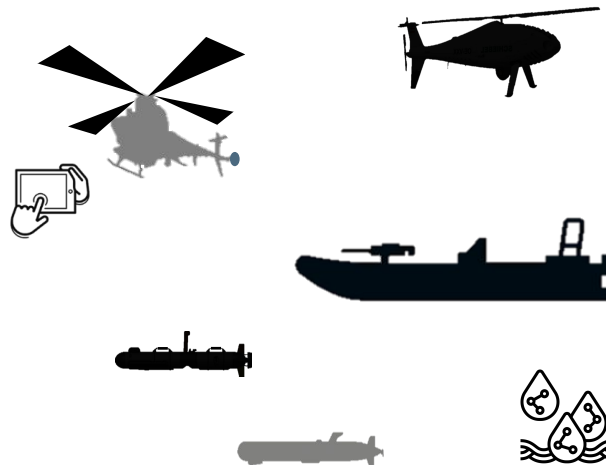
Understand



- **Cohere** ongoing related efforts;
- **Conduct** comprehensive feasibility studies;
- **Evaluate challenges:** technical, logistical, financial, and legal.

PHASE 2: 2026- 2028

Inform



- **Engage the community:** work with interested Nations and National Experts;
- **Develop relevant technologies** to inform the NDPP and the NATO Security Investment Program – NSIP 2030.

PHASE 3: 2028- 2030

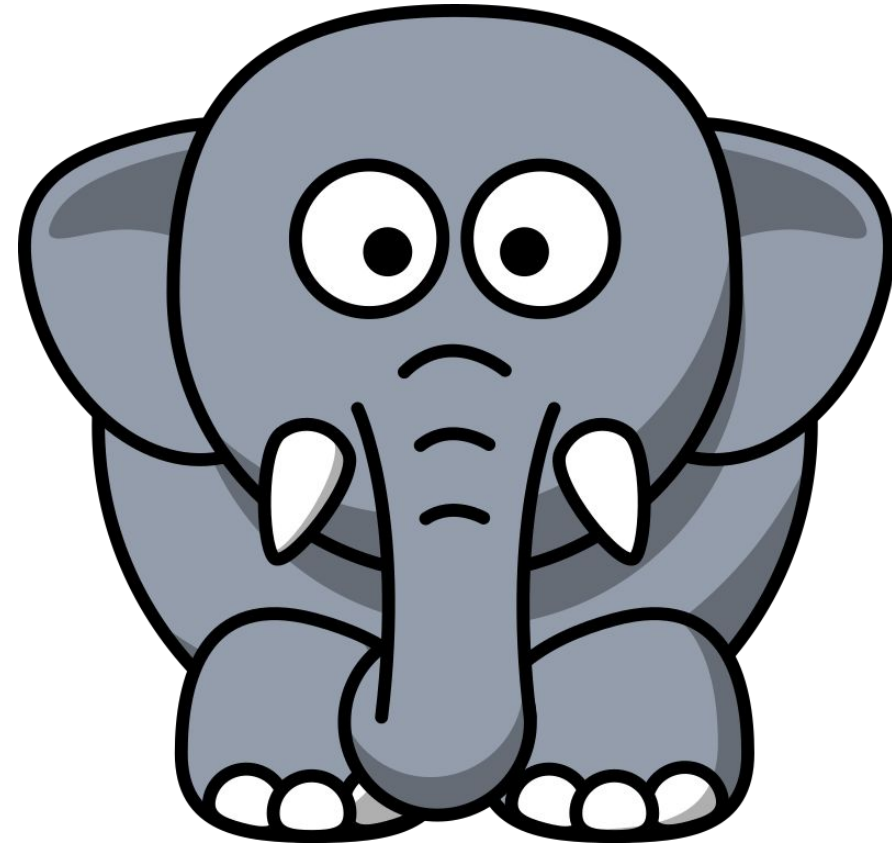
Deliver



- **Operationalisation of the concept:** delivery of systems & sensors by Nations as agreed in the 27-31 NDPP cycle;
- **Deliver supporting capabilities,** including infrastructure and CIS through NSIP 2030.

Jumbo

- Technology
- Processes
- People



Polic

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Digital Ocean

Digital Ocean VALUE PROPOSITION

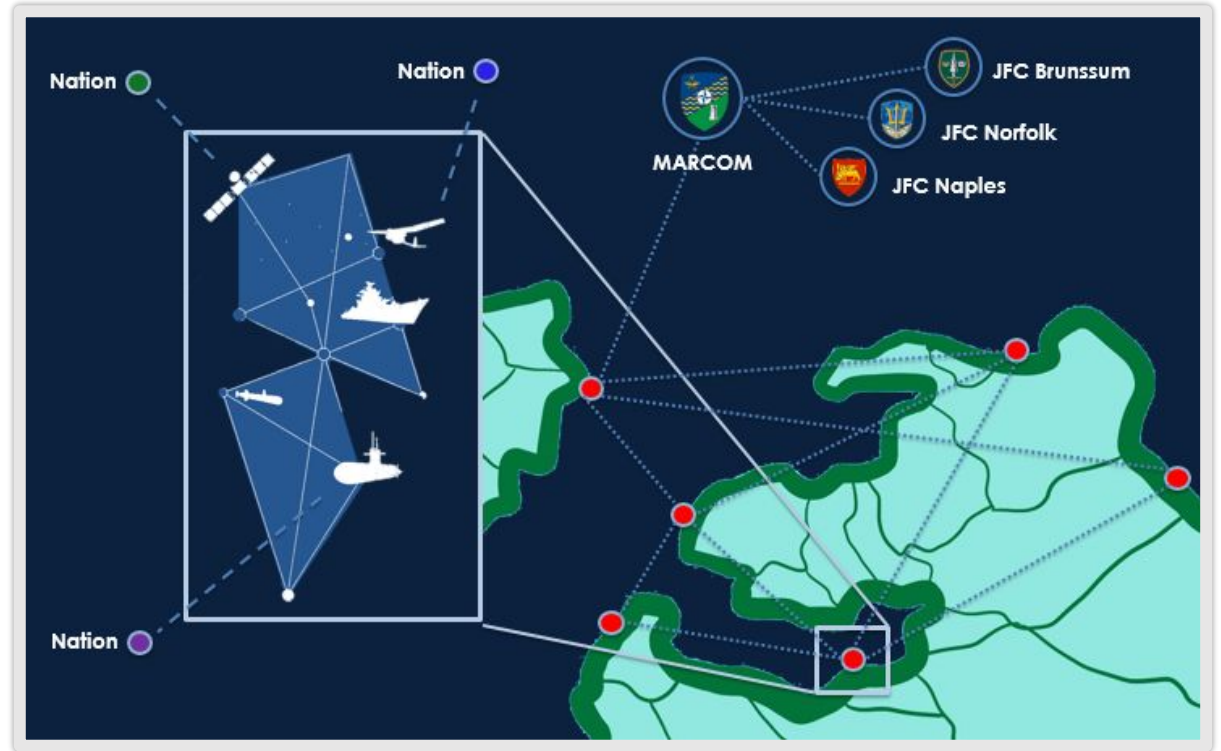
Increase MSA at a lower cost & more effectively through the exploitation of technology

Digital Ocean ROADMAP

Lay out a **phased approach** to realise the Digital Ocean Vision by 2030 detailing the **initial key lines of effort**

Digital Ocean CAPABILITY DELIVERY STRATEGY AIM

To **outline NATO's approach** to deliver the Capabilities required to realise NATO's Digital Ocean Vision



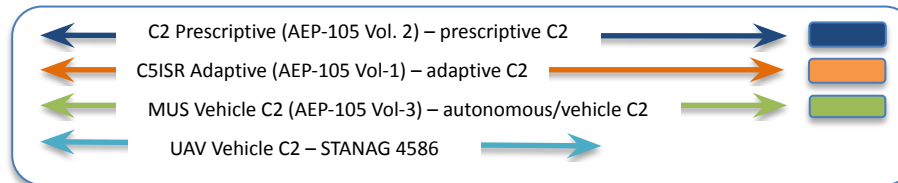
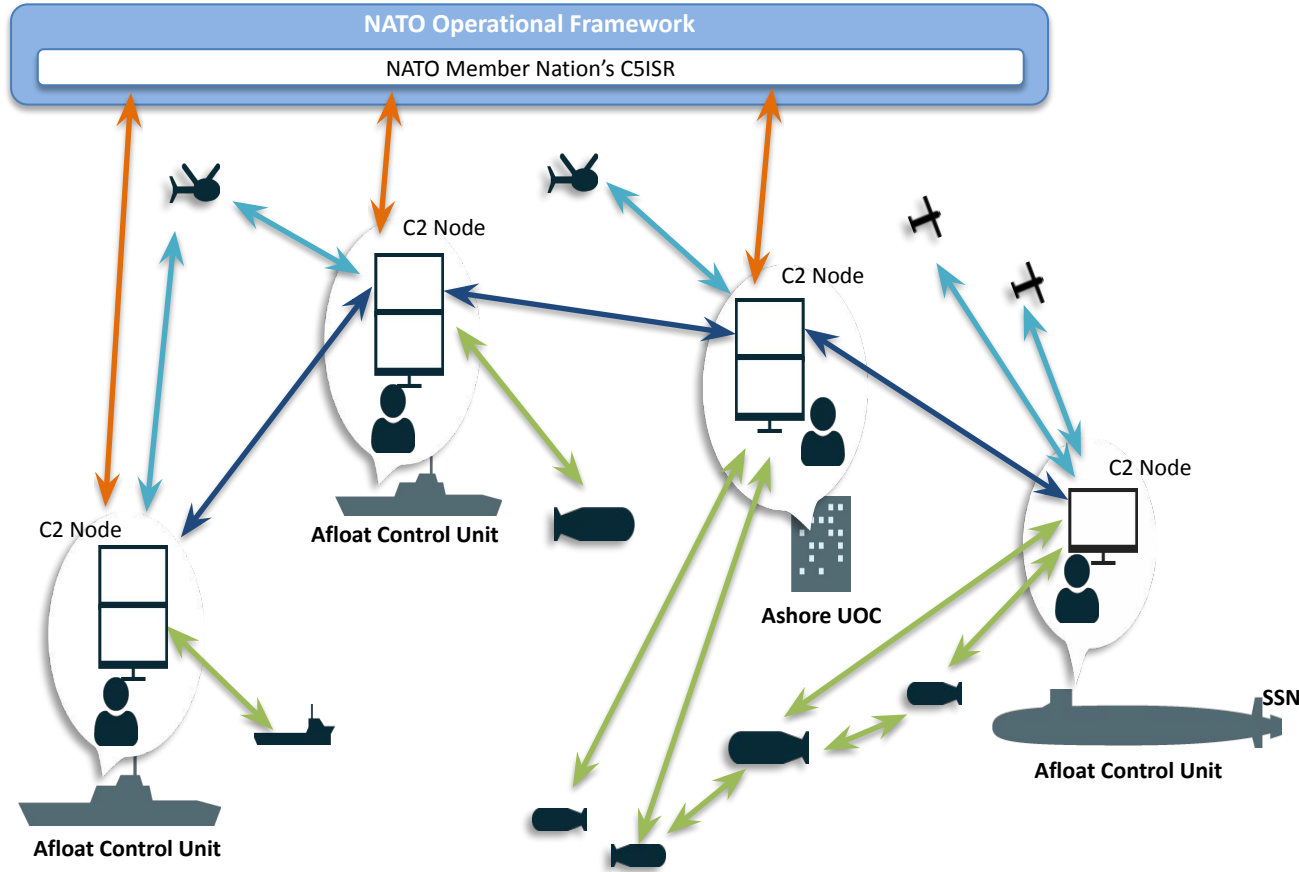
DIGITAL OCEAN TIMELINE



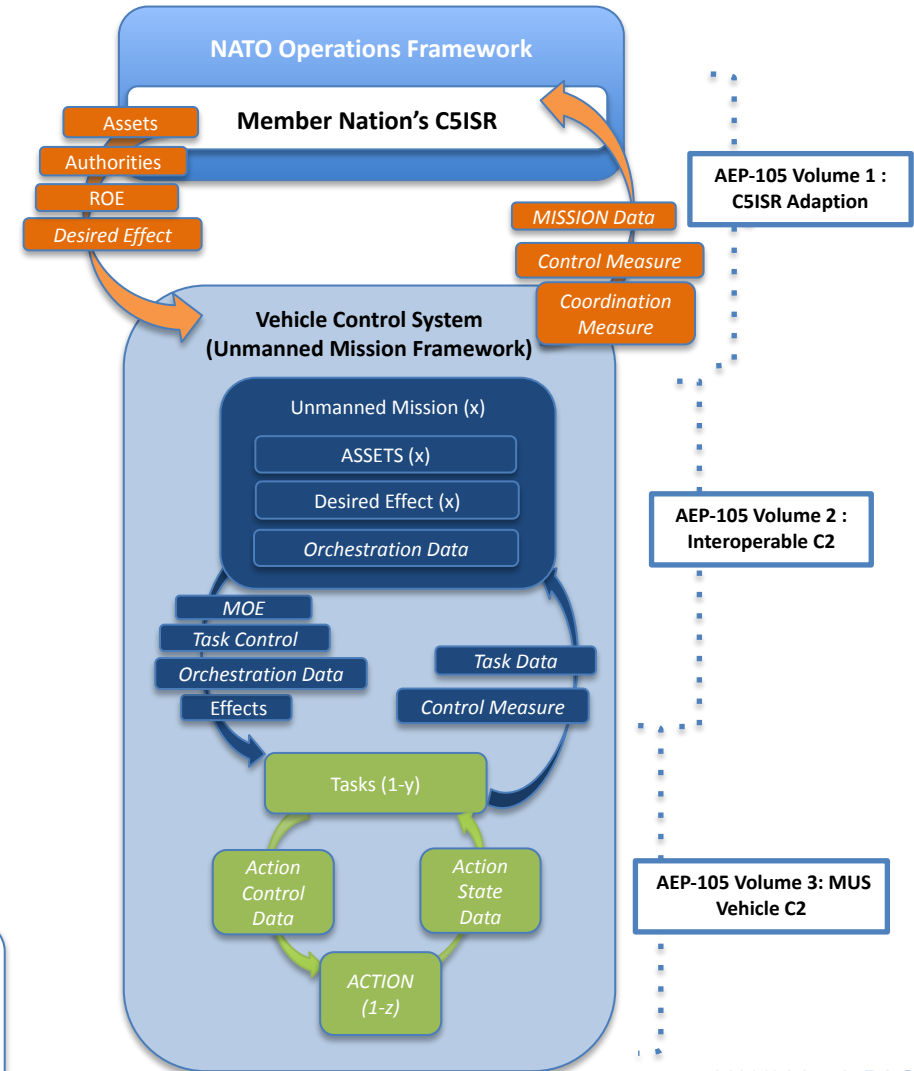
I2I - STANAG 4817

Interoperability to Interchangeability

Operational



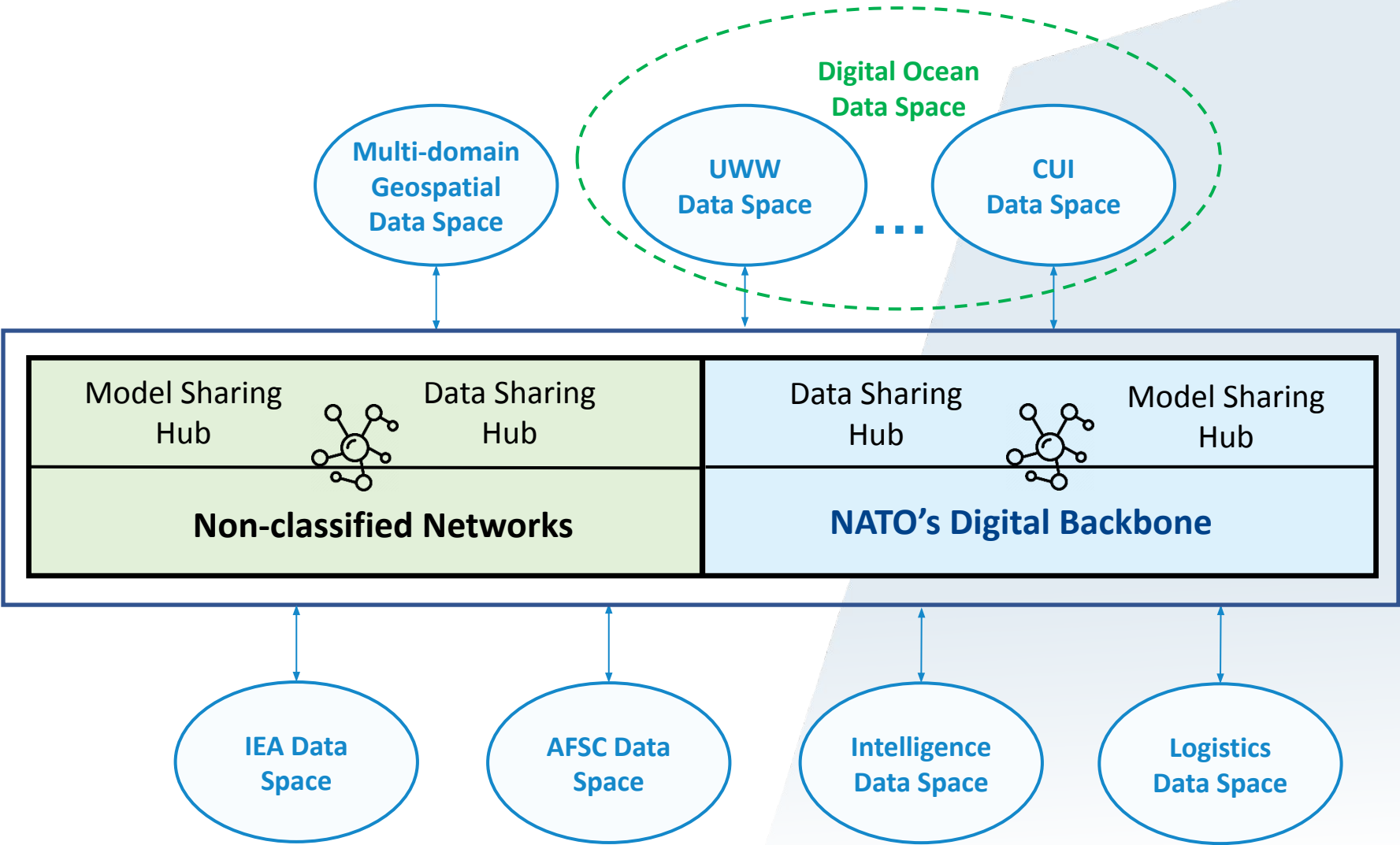
Information Slice



Effective Data Exploitation Eco-System

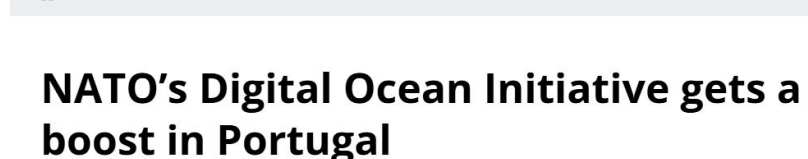
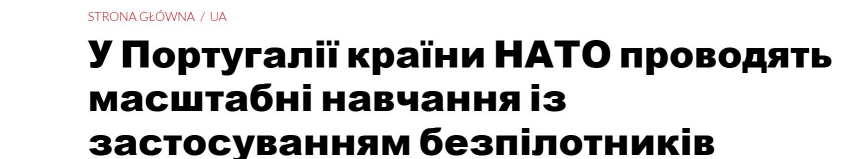
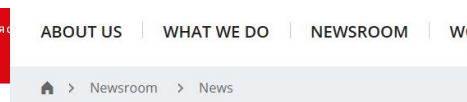
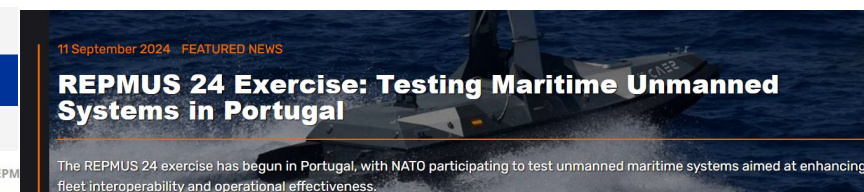
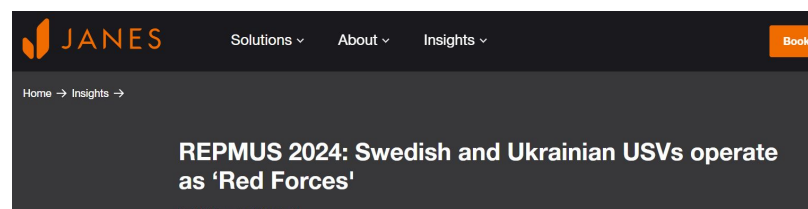


Alliance Data Sharing



OPEX – REPMUS (PORTUGAL)

Capability Acceleration & Delivery



09 Sep. 2024 - 27 Sep. 2024 | Last updated: 20 Sep. 2024 15:02

Fincantieri showcases unmanned solutions at REPMUS 2024 in Portugal

25/09/2024

NATO TASK FORCE X

Capability Acceleration & Delivery



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