The Nordic Maritime Cyber Resilience Centre

EMSA Maritime Cybersecurity Conference

Arne Asplem

Head of Intelligence

NORMACYBER

Nordic Maritime Cyber Resilience Centre

Our Vision:
Unified resilience against cyber threats for Nordic Shipping and Maritime Sector

Our Values:
Trusted
Solid
Innovative

Our Set-Up:
Mutually owned by Norwegian Shipowners and Operators

NORMA CYBER

DNK

Norges Rederiforbund
Norwegian Shipowners' Association

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Current Overview

118 Member organisations

Represented with 2 481 Vessels

12 Employees

Offices and Operations Room in Oslo, Norway

Membership Services:

Threat Intelligence

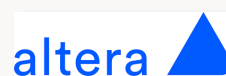**Incident and Crisis Response**

External Monitoring

Network

Additional Services:

Managed Security Operations Centre

Penetration Testing

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Our members:

Maritime Vendor Members:

Sectorial response function for Norwegian maritime sector

In 2023 the Ministry of Trade, Industry and Fisheries assigned the Norwegian Coastal Administration (NCA) the task of establishing a sectorial response function for the Norwegian maritime sector. The NCA cooperate with the Norwegian Maritime Authority on this assignment.

In January 2024 NCA chose NORMA Cyber to assist with technical expertise and other resources to operationalise and support NCA in their sectorial response function.

NORMA Cyber will share relevant and time sensitive vulnerability warnings to the maritime sector and contribute to transparency and information sharing of relevant information from cyber security incidents. Furthermore, NORMA Cyber will act as an advisory body when needed during crisis- and incident management, as well as contribute to warnings and reports.

Services included in the membership

Threat Intelligence

Timely sharing of intelligence, vulnerability information and mitigation advice.

Incident and Crisis Response

24/7 stand-by for incidents and crisis affecting member's vessel IT, vessel OT and land-based or cloud infrastructure.

External Monitoring

Deep/dark web monitoring and vulnerability scan of internet exposed services. Alerting to members affected.

Network

Competence and knowledge sharing through conferences, webinars and workshops.

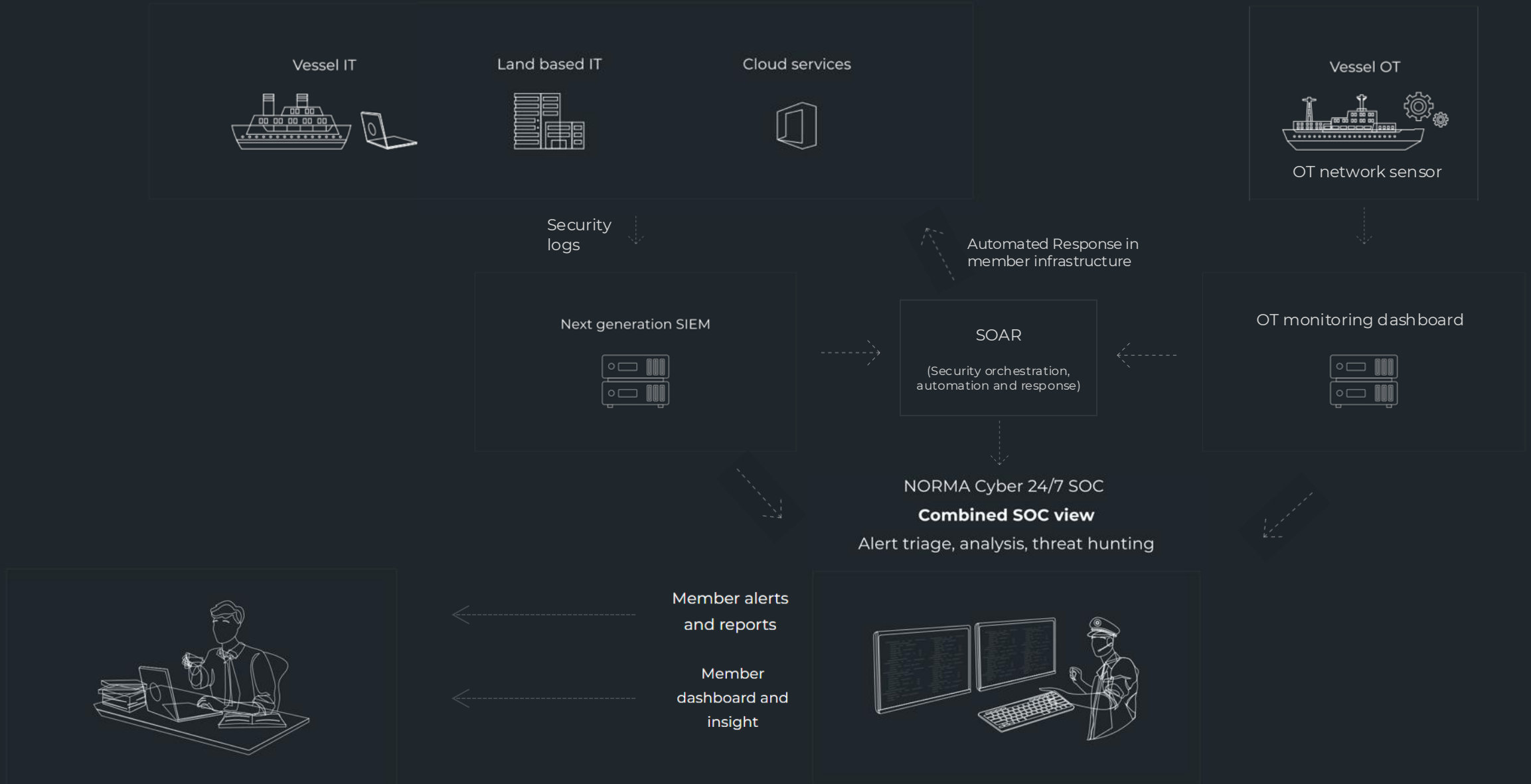# Additional Services

Managed Security Operations Centre

Flexible and cost-effective solution for monitoring of Vessel IT, Vessel OT, land-based infrastructure, or cloud infrastructure. Automated response can be provided.

Penetration Testing

Simulation of cyber attacks against IT and operations technology (OT) systems to identify vulnerabilities and assess the effectiveness of security measures.

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Managed Security Operations Centre (SOC) Service

Vessel IT

Land based IT

Cloud services

Vessel OT

OT network sensor

Security logs

Automated Response in member infrastructure

Next generation SIEM

SOAR

(Security orchestration, automation and response)

OT monitoring dashboard

NORMA Cyber 24/7 SOC

Combined SOC view

Alert triage, analysis, threat hunting

Member alerts and reports

Member dashboard and insight

The "High North", the Nordics and Baltic Sea (NATO – RU)

Eastern Med and the Black Sea (Ukraine war)

Central Europe (LNG)

The Arabian Sea / Persian Gulf (Iran – US/Israel)

The South China Sea

Eastern Med, Red Sea and and Gulf of Oman (Israel – Hamas war)

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Contact information

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Questions?

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