



Cyber-MAR: Cyber preparedness actions for a holistic approach and awareness raising in the MARitime logistics supply chain

Building cyber-resilience within maritime

Facts

Call Identifier: SU-DS01-2018

Duration: From 2019-09-01 to 2022-08-31, on-going project

Total Cost: EUR 7.154.505

EU contribution: EUR 6.018.367

Coordinator:

Institute of Communication and Computer Systems (ICCS), Greece

At a glance

The Cyber-MAR aims to develop an innovative simulation environment for accommodating the peculiarities of the maritime sector while, being easily applicable in other transport subsectors, with the view to fully unlock the value of the use of cyber range in the maritime logistics value chain.

To achieve its objectives, Cyber-MAR platform will be both a knowledge-based platform & a decision support tool to cybersecurity measures, towards providing business continuity management.

Project Information

Objectives

- Enhance** the **capabilities** of cybersecurity professionals and **raise awareness** on cyber-risks
- Assess cyber-risks** for operational technologies (OT)
- Quantify the **economic impact of cyber-attacks** across different industries focusing on **the maritime logistics value chain**
- Promote **cyber-insurance market maturity** in the maritime logistics sector (adaptable to other transport sectors as well)
- Establish** and **extend** CERT/CSIRTs, competent authorities and relevant actors **collaboration** and **engagement**

Impacts

- Enhanced **Resilience to Cyber-Threats & Data Privacy Breaches**
- Increased **appropriate Investments** for Cyber-Security
- Augmented **Supply Chain Efficiency**
- Societal Impact**

PILOT SCENARIOS

1 **Energy Sources in the port of Valencia**

2 **SCADA system in Port Container terminal**

3 **Vessel navigation and automation systems**

The Consortium



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