

EFFECTOR H2020 Project: An End to end Interoperability Framework For MaritimE Situational Awareness at StrategiC and TacTical OpeRations

An 18th month EU funded project aiming to enhance maritime surveillance, improve decisions support, and foster collaboration of maritime stakeholders has been launched

On **October 13-14, 2020 sixteen project partners** from **six European countries** (*i.e. France, Greece, Italy, Portugal, Bulgaria, Montenegro*) got together virtually to launch the EFFECTOR project activities and discuss the procedures that the consortium will follow during its implementation period as well as the work to be carried out the upcoming period. The **EFFECTOR** is a project funded by the **European Union** under the **Horizon 2020** programme with lifecycle of **eighteen months**.

About the Project

The **EFFECTOR project** aims to enhance maritime surveillance, improve decisions support, and foster collaboration of maritime stakeholders by implementing an **Interoperability Framework** and associated **Data Fusion and Analytics** services for **Maritime Surveillance** and **Border Security**. The EFFECTOR system will allow **faster detection** of new events, better informed **decision making**, achievement of a **joint understanding** and **undertaking** of a situation across borders, allowing seamless cooperation between **operating authorities** and **on-site intervention forces** ensuring that all existing privacy and data protection rules are fully respected.

Specifically, **EFFECTOR** will **unlock** the **full capabilities** of **maritime surveillance systems** and **data sharing** at tactical and strategic level by introducing applied solutions for enhanced border and external security, including the implementation of a multilayered data lake platform **for end-to-end interoperability** and **data exploitation**, the exchange of enhanced situational awareness pictures at different level with **CISE** and **EUROSUR**, the adoption of **interoperability standards** for exploiting data sources and systems currently underutilized in maritime environment and the demonstration of new concepts and tools for knowledge extraction, semantic representation, data fusion, analytics, and federated querying that can scale from **local to regional** and **up to national** and **transnational level**.

The EFFECTOR solution will be **tested, validated** and **demonstrated** in **real operational scenarios** together with maritime authorities, End Users and practitioners in **France, Portugal** and **Greece**.

The project will **leverage** on the developments, results and experience from **current** and **previous research projects** from National Procurement projects of CISE Nodes and Adaptors and on the CISE infrastructure of the End Users.

Contact Details

Mr. Alexis Blum
Project Coordinator
SECRETERIAT GENERAL DE LA MER

email: alexis.blum@pm.gouv.fr

Mr. Alkis Astyakopoulos
Project Manager
CENTER FOR SECURITY STUDIES (KEMEA)

email: a.astyakopoulos@kemea-research.gr



For immediate release

At a Glance

Acronym: EFFECTOR

Title: An End to end Interoperability Framework For Maritime Situational Awareness at Strategic and Tactical Operations

Call identifier: H2020-SU-SEC-2019

Topic: SU-BES03-2018-2019-2020 Demonstration of applied solutions to enhance border and external security

Total Budget: 4,999,529.50

Project duration: 18 months

Start Date: 1st October 2020

Project Coordinator:

SECRETARIAT GENERAL DE LA MER, France (SGMER)

Consortium:

- CENTER FOR SECURITY STUDIES, Greece (KEMEA);
- NAVAL GROUP SA, France (NAVAL);
- THALES RESEARCH & TECHNOLOGY, France (THALES);
- SATWAYS – PROIONTA KAI YPIRESIES TILEMATIKIS DIKTYAKON KAI TILEPIKINONIAKON EFARMOGON ETAIRIA PERIORISMENIS EFTHINIS EPE, Greece (SATWAYS);
- INSTITUTE OF COMMUNICATION AND COMPUTER SYSTEMS, Greece (ICCS);
- INOV – INSTITUTO DE ENGENHARIA DE SISTEMAS E COMPUTADORES INOVAÇÃO, Portugal (INOV)
- ENGINEERING – INGEGNERIA INFORMATICA SPA, Italy (ENG);
- UNIVERSITÉ TOULOUSE 1 CAPITOLE, France (IRIT);
- COLLECTE LOCALISATION SATELLITES, France (CLS);
- MINISTRY OF MARITIME AFFAIRS AND INSULAR POLICY, Greece (MMAIP);
- HELLENIC POLICE, Greece (HPL);
- MINISTERIO DA DEFESA NACIONAL, Portugal (PTN);
- EXECUTIVE AGENCY MARITIME ADMINISTRATION, Bulgaria (EAMA);
- MINISTRY OF NATIONAL DEFENCE, Greece (HMOD);
- ADMINISTRATION FOR MARITIME SAFETY AND PORT MANAGEMENT OF MONTENEGRO, Montenegro (AMSPM).



Editorial content

Dissemination and Communication Leader

Institute of Communication and Computer Systems

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