

CYBER, C4ISR

(ES) Strategic C2 System for CSDP Missions and Operations (EUMILCOM)

(Established in March 2018)

For Public Release

PROJECT DESCRIPTION

The aim of the project is to provide the MPCC with a Next Generation Strategic/Operational Command and Control System to allow planning and conduct of all types of CSDP military operations and structures that could be adapted to each mission.

OBJECTIVES/PRODUCTS

A Command & Control system that includes the capability to conduct several simultaneous operations, with all kinds of forces, anywhere in the world, either independently or in cooperation with NATO. The Strategic C2 must integrate all kinds of Communication and Information Systems (CIS) and Intelligence Surveillance and Reconnaissance (ISR) means and shall be able to interoperate with Member States (MS), EU forces, NATO and civil agencies. The size, duration and number of simultaneous operations and deployments to be planned and conducted must be based on the EU Level of Ambition for CSDP missions and operations established by the Council for the MPCC. The Strategic C2 System shall support a large staff working simultaneously over multiple operations, with a scalable C2 structure that could be adapted to each mission.

INDICATORS

Project Execution Year (PEY) and Project Completion Year (PCY):



DELIVERABLES ACHIEVED

- The EUMILCOM addresses an essential element of the EU effort regarding CSDP. The lack of an adequate JOINT C2 system in the MIL structure of the EU is a critical shortfall. The EUMILCOM is considered to be central with the spirit of PESCO because the initial intended user is an EU organism/body and not the PMs developing the project. Current EDF regulation only allows for PMS co financing, which in this case, would mean that a small group of PMs would be financing a system to be used by an EU organism. ES, as coordinator of the EUMILCOM and EDIDP 19 ESC2/ EDF 22 EC2 and EDIDP 19 ECYSAP, established regular contacts with the EEAS to bring attention to this situation and find a suitable way to accommodate EEAS financial support to the project.
- In 2023 the EC2 was included in the MPCC CIS Strategic Plan as long Term C2CIS system for MPCC, providing the required long-term perspective to support system development. Additionally, the Business Case for the EEAS as "Single CIS Provider" was approved, providing an essential financial framework for the MPCC CIS Strategic Plan and, therefore
- Considering the issues described in the paragraph above, as reflected in the roadmaps, activity in the PESCO EUMILCOM and the EDIDP/EDF ESC2/EC2 communities during 2024 has been intense and significant progress has been achieved:
- A solid line of cooperation has been established with the EEAS and EUMS/MPCC, this area of collaboration is essential for the success of the project.

ES, FR, DE, IT, LU,
PTIDEATION
INCUBATION
EXECUTION
CLOSING**Contribution to
the more
binding
commitments**
Yes**Capability
Perspective****EU CDP priority**Space
Operations
Full Spectrum
Cyber Defence
Operations
Capabilities
Cyber Warfare
Advantage and
Readiness
Persistent and
Resilient C4ISTAR
Military Mobility
Cohesive and
Well-Trained
Militeries**CARD references**
N/A**Operational
Viewpoint****HICG**Integrated C2
Space
Joint ISR

- EC2 was successfully initiated in July 24.
- ESC2/EC2 Consortium personnel participated as observers in Exercise MILEX 22 and Integrated Resolve 22, MILEX 23 and MILEX 24, very fruitful activities that helped technical experts of the consortium to gather very valuable first-hand operational input.
- Regarding funding, a follow-up project to the ESC2 named EC2 was approved in the EDF PW22. This second phase has already started and foreseen to deliver a mature software model by 2026 to allow a fast transition to operations.
- ECYSAP I project has finished its development activity in FEB25 demonstrating the potential for interoperability and information exchange with the EC2, confirming the multi domain capability of the combination EC2-ECCYSAP under the EUMILCOM.
- ESC2/EC2 Program Office, in coordination with the PESCO EUMILCOM, has also supported the EUMS/MPCC in several important aspects related to C2 capabilities aiming at improving overall EU capabilities. Some of the most relevant fields of cooperation are:
 - A consortium industry, coordinated by EDA, to address the need for a light and deployable CIS element to provide communication to FHQ (Day Zero solution). This proposal was finally chosen by the EUMS/EEAS and is currently in the procurement process. It can be considered as the first tangible deliverable of the EUMILCOM, solving a relevant shortfall of EU capabilities.
 - A business case oriented for the implementation phase for the EEAS as "Single CIS provider."

Cyber Defence
Operations
Readiness



EDA support

No

CRITERIA FOR SUCCESS

- Criteria for success will be defined in close coordination with MPCC/EUMS