

HSM4COM

European cybersecurity HSM/TPM device for securing micro/nano satellite and UAV communications

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2023

CALL TITLE:

Research actions focused on SMEs and research organisations

TOPIC TITLE:

Non-thematic research actions by SMEs and research organisations

DURATION OF THE PROJECT:

36 months

TYPE(S) OF ACTIVITIES:

Studies, Design

ESTIMATED TOTAL COST:

€ 3,082,500.00

MAXIMUM EU CONTRIBUTION :

€ 3,082,500.00



SHORT DESCRIPTION OF THE PROJECT:

The goal of HSM4COM is to improve the security of the operating chain and data communications including in micro-satellites and unmanned aerial vehicles.

HSM4COM will develop a hardware device combined with a secure operating system for securing the processing chain and data communications in micro-satellites, Unmanned Aerial Vehicles (UAV) / Autonomous Surface Vehicles (ASV) and others. The HSM4COM solution will be capable of providing encryption, decryption and attestation functionalities. The combined hardware/software device will constitute a generic highly customisable solution for both microsatellite and UAV platforms, being also applicable for use in ASV and other similar platforms.



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Members of the consortium and country of establishment:



NAME OF THE ENTITY	COUNTRY
MILTECH HELLAS BIOMICHANIA EMPORIOANTIPROSOPEIES ILEKTRONIKON OPTIKON KAI MICHANOLOGIKON EIDON AE (Coordinator)	Greece
ARGOTEC SRL	Italy
DEFSECINTEL SOLUTIONS OU	Estonia
MINISTRY OF NATIONAL DEFENCE, GREECE	Greece
OSMIUM SOLUTIONS SPAIN, SL	Spain
SKUDO OÜ	Estonia
TELETETEL TECHNOLOGIA AERODIASTIMIKIS KAI AMINAS	Greece

