



ALTISS

Autonomous Light Intelligence & Surveillance System = Highly Automated Swarm of Affordable ISR Long Endurance UAVs for force protection

SELECTED PROJECTS EUROPEAN DEFENCE INDUSTRIAL DEVELOPMENT PROGRAMME (EDIDP) 2020

CALL TITLE: Innovative and future-oriented defence solutions

TOPIC TITLE: N/A

DURATION OF THE PROJECT: 36 months

TYPE(S) OF ACTIVITIES: Design; Prototyping; Testing

TOTAL COST: € 2,991,286.25

MAXIMUM EU CONTRIBUTION: € 2,500,000.00

MEMBERS OF THE CONSORTIUM AND COUNTRY OF ESTABLISHMENT:

NAME OF THE ENTITY	COUNTRY
MAGELLIUM SAS (COORDINATOR)	France
M3 SYSTEMS BELGIUM SRL	Belgium
SAVOX	Finland

SHORT DESCRIPTION OF THE PROJECT:

ALTISS aims to develop an automated swarm of affordable, long-endurance UAVs for Intelligence, Surveillance, Target Acquisition and Reconnaissance (ISR/ISTAR), for improved force protection.

The project "Autonomous Light Intelligence & Surveillance System = Highly Automated Swarm of Affordable ISR Long Endurance UAVs for force protection" (ALTISS) covers the study, design, prototyping and testing of an innovative autonomous light Intelligence, Surveillance and Reconnaissance System based on a highly automated swarm of light and long-endurance UAVs. While filling the gap between MALE UAVs and Mini-Drones reconnaissance systems, it provides an innovative solution that will improve force protection while decreasing collateral damages, logistic footprint and solution costs. The swarm of drones will also be equipped with enhanced image processing capacities, ultra-high frequencies communication and management system but also based on light fixed wings contributing to endurance and secure overflight.

Related PESCO projects: 1. EU Collaborative Warfare Capabilities (ECoWAR); 2. Upgrade of Maritime Surveillance

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