

# OPTISSE

Very high resolution OPTical payload for Small Satellites for defence applications

## SELECTED PROJECTS -EUROPEAN DEFENCE INDUSTRIAL DEVELOPMENT PROGRAMME (EDIDP) 2019

**CALL TITLE:** Innovative defence products, solutions, materials and technologies

**TOPIC TITLE:** N/A

**DURATION OF THE PROJECT:** 12 months

**TYPE(S) OF ACTIVITIES:** Study; Design

**TOTAL COST:** € 874,958.00

**MAXIMUM EU CONTRIBUTION :** € 874,958.00

### MEMBERS OF THE CONSORTIUM AND COUNTRY OF ESTABLISHMENT:

NAME OF THE ENTITY	COUNTRY
SATLANTIS MICROSATS S.L. (COORDINATOR)	Spain
COLOMBOSKY SRL	Italy
SYRLINKS SAS	France
ASTRO- UND FEINWERKTECHNIK ADLERSHOF GMBH	Germany
SOLARIS OPTICS S.A.	Poland

### SHORT DESCRIPTION OF THE PROJECT:

The project OPTISSE will perform a feasibility study and a preliminary design of innovative technologies for a cost-effective high-performance Earth Observation payload for small satellites. The technologies include a multispectral and miniaturised optical imager with very high resolution, image processing algorithms, a satellite subsystem for features tracking and a satellite subsystem for high-rate data transmission.

**Related PESCO project:** Not Applicable