



# P2P-FSO

Platform to Platform Free Space Optical link

## SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2021

**CALL TITLE:**

Open call dedicated to SMEs for development of innovative and future-oriented defence solutions

**TOPIC TITLE:**

Development of innovative and future-oriented defence solutions

**DURATION OF THE PROJECT:**

45 months

**TYPE(S) OF ACTIVITIES:**

Studies; Design; Prototyping; Testing

**ESTIMATED TOTAL COST:**

€ 3,718,121.01

**MAXIMUM EU CONTRIBUTION :**

€ 3,466,128.63



### SHORT DESCRIPTION OF THE PROJECT:

**P2P-FSO aims at the provision of a free space optical point-to-point communication system.**

The project "Platform to Platform Free Space Optical link" (P2P-FSO) will develop a free space optical point-to-point communication system between military platforms, overcoming challenges regarding high data rate transfer and communication range, depending on terrain and weather conditions. The light source will be a high-power short-wave infrared laser (SWIR).



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



 <b>NAME</b> OF THE ENTITY	 <b>COUNTRY</b>
NEXVISION SAS (Coordinator)	France
Amphinicy Luxembourg S.à.r.l	Luxembourg
HELLENIC INSTRUMENTS I.K.E.	Greece
LAMBDA X SA	Belgium
TWOPTICS SYSTEMS DESIGN SL	Spain