



## EPW

European Protected Waveform

### SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2021

**CALL TITLE:**

Resilient space-based PNT and SATCOM

**TOPIC TITLE:**

European protected waveform and accompanying technologies for resilient satellite communications against jamming

**DURATION OF THE PROJECT:**

39 months

**TYPE(S) OF ACTIVITIES:**

Studies; Design

**ESTIMATED TOTAL COST:**

€ 29,915,881.65

**MAXIMUM EU CONTRIBUTION :**

€ 25,000,000.00



### SHORT DESCRIPTION OF THE PROJECT:

**EPW will start the development of a secure waveform standard for future-proof satellite communications.**

The project “European Protected Waveform” (EPW) will study and design a multi-layered security and resiliency solution built around the cornerstones of efficient, secure, affordable and interoperable satellite, to embrace today’s and future challenges related to increased throughput demand over satellite, dispersed operations, mobility and new security threats.



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



 <b>NAME</b> OF THE ENTITY	 <b>COUNTRY</b>
STE Engineering iDirect Europe (Coordinator)	Belgium
Airbus Defence and Space GmbH	Germany
Amphinicy d.o.o.	Croatia
Antwerp Space N.V.	Belgium
ECOLE ROYALE MILITAIRE - KONINKLIJKE MILITAIRE SCHOOL	Belgium
Elital srl - Space & Defence	Italy
EUTELSAT	France
GISS Sp. z o.o.	Poland
Indra Sistemas, Sociedad Anónima	Spain
Lasting Software Srl.	Romania
Leonardo SpA	Italy
LuxGovSat S.A.	Luxembourg
Neosat GmbH	Germany
OHB Digital Connect GmbH	Germany
QuadSAT ApS	Denmark

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



 <b>NAME</b> OF THE ENTITY	 <b>COUNTRY</b>
Royal Netherlands Aerospace Centre -- NLR	Netherlands
Thales Alenia Space Italia S.p.A	Italy
Thales SIX GTS France SAS	France
TTI Norte SL	Spain