



DISCRETION

Disruptive SDN secure communications for European Defence

SELECTED PROJECTS EUROPEAN DEFENCE INDUSTRIAL DEVELOPMENT PROGRAMME (EDIDP) 2020

CALL TITLE:	Cyber situational awareness and defence capabilities, military networks and technologies for secure communication and information sharing
TOPIC TITLE:	Software defined network for defence use including the development of products and technologies
DURATION OF THE PROJECT:	42 months
TYPE(S) OF ACTIVITIES:	Study; Design; Prototyping; Testing
TOTAL COST:	€ 6,719,699.75
MAXIMUM EU CONTRIBUTION:	€ 5,169,394.17

MEMBERS OF THE CONSORTIUM AND COUNTRY OF ESTABLISHMENT:

NAME OF THE ENTITY	COUNTRY
DEIMOS ENGENHARIA; S.A (COORDINATOR)	Portugal
ADYTA LDA	Portugal
ALTICE LABS	Portugal
AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH	Austria
INSTITUTO DE TELECOMUNICAÇÕES	Portugal
INSTITUTO SUPERIOR TÉCNICO	Portugal
NEXTWORKS	Italy
TELEFONICA INVESTIGACIÓN Y DESARROLLO S.A.U.	Spain
UNIVERSIDAD POLITÉCNICA DE MADRID	Spain

SHORT DESCRIPTION OF THE PROJECT:

DISCRETION aims at designing and developing an optical software defined network solution for secure and resilient communication.

The communication technology project “Disruptive SDN secure communications for European Defence” (DISCRETION) aims at integrating and combining the technologies of software defined network (SDN) and quantum key distribution. This combined with legacy optical networks will build a highly secure, scalable and resilient network control architecture for advanced tactical operation services and create a degree of autonomy for European defence forces.

Related PESCO project: EU Cyber Academia and Innovation Hub (EU CAIH)