TRITON

Generative Automation of Security Penetration Tests

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2023

CALL TITLE:	**Spin-in research actions on cyber**
TOPIC TITLE:	**Automation of security penetration tests (spin-in)**
DURATION OF THE PROJECT:	**36 months**
TYPE(S) OF ACTIVITIES:	**Generating knowledge, Integrating knowledge, Studies, Design**
ESTIMATED TOTAL COST:	**€ 6,099,450.00**
MAXIMUM EU CONTRIBUTION :	**€ 6,099,450.00**

SHORT DESCRIPTION OF THE PROJECT:

TRITON aims to overcome defence-specific obstacles associated to the automation of penetration tests, and fully automate the pre- and post-pentesting process.

TRITON's vision is to overcome defence-specific obstacles associated to the automation of penetration tests, and fully automate the pre- and post- pentesting process. It introduces the novel concept of Human-as-a-Security-Sensor, letting the operators of the automated penetration testing solution to monitor the progress, perform what-if analysis, predict future paths, and enforce controls through security policies. By building a wide-ranging manifold of novel tools and strategies that enable next-generation ICT systems to perform automated and Artificial Intelligence driven security assessments at massive scale.

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#EUDefenceIndustry

Members of the consortium and country of establishment:

NAME OF THE ENTITY	COUNTRY
UBITECH LIMITED (Coordinator)	Cyprus
ASTRIAL GMBH	Germany
EXUS SOFTWARE MONOPROSOPI ETAIRIA PERIORISMENIS EVTHINIS	Greece
INTRACOM DEFENSE AE	Greece
K3Y	Bulgaria
MINISTRY OF NATIONAL DEFENCE, GREECE	Greece
NETCOMPANY-INTRASOFT SA	Luxembourg
TECHNICAL UNIVERSITY OF SOFIA	Bulgaria
TELEFONICA INNOVACION DIGITAL SL	Spain
TESTARMY GROUP SPOLKA AKCYJNA	Poland
UNIVERSIDAD POLITECNICA DE MADRID	Spain
UNIVERSITA DEGLI STUDI DI GENOVA	Italy

More information about the
European Commission's support
for the Defence Industry