

SEQURED

Strengthening Defense Networks for the Quantum Era

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2023

CALL TITLE:

Research actions focused on SMEs and research organisations

TOPIC TITLE:

Non-thematic research actions by SMEs and research organisations

DURATION OF THE PROJECT:

36 months

TYPE(S) OF ACTIVITIES:

Generating knowledge, Integrating knowledge, Studies, Design

ESTIMATED TOTAL COST:

€ 3,999,914.70

MAXIMUM EU CONTRIBUTION :

€ 3,999,914.70



SHORT DESCRIPTION OF THE PROJECT:

SEQURED fortifies defense systems against quantum threats by designing a resilient, practical cryptographic suite, using preselected algorithms and a novel software - hardware co-design approach.

SEQURED fortifies defense systems against quantum threats by designing a resilient, practical cryptographic suite. The project implements preselected algorithms and a novel software - hardware co-design approach. A quantum-resistant ledger ensures secure data sharing, and a cloud-based service caters to resource-constrained devices. SEQURED supports the transition to the post-quantum era by integrating quantum-resistant algorithms into existing European defense systems.





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**Members of the consortium and
country of establishment:**



 NAME OF THE ENTITY	 COUNTRY
GIOUMPI TEK MELETI SCHEDIASMOS YLOPOIISI KAI POLISI ERGON PLIROFORIKIS ETAIREIA PERIORISMENIS EFTHYNIS (Coordinator)	Greece
ACCELIGENCE LTD	Cyprus
ASTRIAL GMBH	Germany
COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	France
FERON TECHNOLOGIES IDIOTIKI KEFALAIOUCHIKI ETAIREIA	Greece
INESC ID - INSTITUTO DE ENGENHARIADE SISTEMAS E COMPUTADORES, INVESTIGACAO E DESENVOLVIMENTO EM LISBOA	Portugal
INSTITUT PO OTBRANA	Bulgaria
K3Y	Bulgaria
QUBITECH IDIOTIKI KEFALAIOUCHIKI ETAIREIA	Greece
TECHNISCHE UNIVERSITEIT DELFT	The Netherlands

