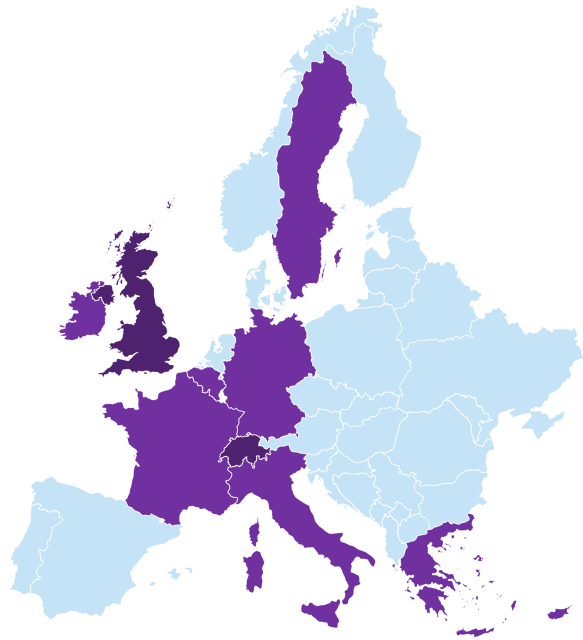


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Start: 01/09/2023

Duration: 36 months

Participating organisations: 15

Number of countries: 10



This project has received funding from the European Union's Horizon 2020 Research and Innovation program under grant agreement No 101120779.

CyberSecDome



An innovative **Virtual Reality** based intrusion detection, incident investigation and response approach for enhancing the **resilience, security, privacy and accountability** of complex and heterogeneous **digital systems** and infrastructures

CyberSecDome at a Glance:

CyberSecDome is an innovative project that leverages Virtual Reality (VR) and Artificial Intelligence (AI) enabled tools to revolutionize the resilience, security, privacy, and accountability of complex digital systems through threat prediction, optimized incident management, and collaborative response within the digital ecosystem.

CyberSecDome Objectives:

- Enhance disruption preparedness and resilience of digital infrastructure.
- Provide dynamic cyber-incident response capability for digital systems.
- Improve coordination in cyber-incident response among different infrastructures.
- Offer high cybersecurity levels through policies and AI-based methods.
- Enhance interfaces between humans and cybersecurity algorithms.
- Develop solutions for automating penetration testing.
- Achieve pilot-driven prototypes of CyberSecDome security services for deployment and validation.

Pilots

Hellenic Telecommunications Organisation (OTE)

OTE, a leading telecommunications provider, operates a comprehensive digital infrastructure, including a Security Operations Center (SOC). CyberSecDome intends to improve OTE's incident response and cybersecurity awareness capacity by testing scenarios such as ransomware, malware, and DDoS attacks, focusing on reducing detection time and downtime, and improved incident monitoring and mitigation.



Athens International Airport (AIA)

AIA, the primary infrastructure provider for Athens International Airport, supports airlines, handlers, stores, employees, and associated entities. AIA operates a SOC to face cybersecurity risks, enhance risk detection, and mitigate threats. CyberSecDome will improve AIA's ability to counter targeted attacks on call center infrastructure and disruptions to vital communication services.

CyberSecDome Open Call: Invitation to Third Parties

CyberSecDome will provide financial support to third party organisations to extend the project's outcomes and integrate cybersecurity solutions across the EU Digital Infrastructures ecosystem via an Open Call.

WHO

The Open Call will target industry third parties, including mid-caps and SMEs, operating Digital Systems and Infrastructures, aiming to adopt advanced and innovative cybersecurity solutions.

HOW MUCH

Grants will be up to €120,000.00 per project, with a total budget of €1,200,000.00.

WHEN

1st round December 2024 and 2nd round August 2025

WHAT

Participating organizations will collaborate closely with the CyberSecDome Consortium to implement their projects and leverage project outcomes. They will receive support from evaluation experts and coaches provided by the Open Call Implementation Team to ensure their successful project execution.

Contact us: opencall@cybersecdome.eu