



**Sec
Awareness
Truss**

26th InfoCom World Conference

Digital Greece: Time for a Leap!

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**A Dynamic Training programme based on Cyber-Ranges
Leveraging IT
Security, Privacy and Data Protection Culture and
Awareness of Critical
Information Infrastructures**

Project Walkthrough



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General Information

Proposal Title: A Dynamic Training programme based on Cyber-Ranges Leveraging IT Security, Privacy and Data Protection Culture and Awareness of Critical Information Infrastructure

Type of Action: DIGITAL-JU-SME (Topic: DIGITAL-ECCC-2022-CYBER-03-CYBER-RESILIENCE)

Project Number: 101128049

Budget: € 3,496,096.60

Coordinator: PPC

Duration: 36 months **Start Date:** 1st January 2024



Consortium

SecAwarenessTruss is a collaboration of 9 organizations from Greece and Cyprus, including:

- **3 industrial partners**
- **4 critical infrastructure organizations from telecom, energy, health, and maritime sectors**
- **2 SMEs**





Overview

SecAwarenessTruss will deliver a **customized federated cyber range platform** with **systematic** and **innovative** training programs for IT & non-IT Experts.

The platform targets **Critical Infrastructure organizations** to develop a skilled workforce for cyber defense and collaborative response.

The project will include:

- Cross-sector complex scenarios
- Gamification-based exercises
- Knowledge-sharing capabilities
- Hands-on and interactive learning facilities



Objectives

Deliver a state-of-the-art platform

Extend capabilities of existing cyber ranges

Structure training frameworks for effective cyber defense

Develop and deliver training curricula

Innovative and hands-on approach

Sustainable programs for critical infrastructure

Develop realistic scenario

Large-scale, cross-sector

Incorporate gaming exercises

Share threat intelligence

Knowledge sharing among cyber ranges

Enhance coordinated cyber-incident response

Create common data repository

Evaluate and strengthen ranges

Develop best practices

Guidelines for wider adoption across Europe



Pilots

- The **four critical infrastructure** sectors and featuring different **characteristics, services, infrastructures** and **training** needs.



Telecom - OTE



Energy - PPC



HealthCare - PAGNI



Maritime - DSA

OTE – Telecom industry



- The Hellenic Telecommunications Organisation S.A. (OTE) manages a large digital infrastructure for ICT services.
- OTE will provide – based on our IT Security unit expertise – necessary information and requirements for the creation of training programmes for both IT and non IT experts.
- 2 groups of trainees will be trained.

OTE Contribution:

- Cybersecurity coordinating and policy making activities
- Enhance situational awareness
- Train response teams
- Simulate attack and response scenarios
- Security awareness

Pilots



ENERGY: Public Power Corporation (PPC) operates a significant energy infrastructure. The pilot infrastructure exchanges data for diagnostics and maintenance, focusing on network traffic, electrical measurements, and incident reports.

HEALTHCARE: PAGNI, the largest hospital in Crete, operates an integrated information system connecting medical care, pharmacy, and patient records.

MARITIME: The Digital Security Authority (DSA) is a new independent governmental agency under the supervision of the Commissioner of Communications. It is responsible for the implementation of the European NIS (Network and Information Security) Directive, with a strong focus on upgrading and maintaining high levels of cybersecurity for all the operators of essential services and critical information infrastructures in Cyprus.

Thank you



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