



I-ENERGYLINK IS PLEASED TO ANNOUNCE THE COORDINATION OF A NEW EUROPEAN PROJECT – CYBERGUARD

20th December 2024, Carina Ioana NITA

I-ENERGYLINK Representatives are pleased to announce the Coordination of a New European Project – CYBERGUARD „Fortifying SOCs Against Evolving Cyber Threats”. The Project objectives are: develop and deploy advanced AI-driven technologies within Security Operation Centers (SOCs) to enhance their capabilities in analyzing, detecting, and preventing cyber threats; establish a secure and efficient Cyber Threat Intelligence (CTI) sharing framework to facilitate collaboration and information exchange among stakeholders; implement proactive vulnerability management and incident response mechanisms to mitigate cybersecurity risks effectively; enhance the resilience of SOCs against emerging threats, including those posed by Large Language Models (LLMs) and adversarial attacks; and promote cybersecurity awareness and capacity-building initiatives to foster a culture of security within European societies and organizations.

The CYBERGUARD Project funded by the European Cybersecurity Competence Centre (ECCC), under the Topic: DIGITAL-ECCC-2024-DEPLOY-CYBER-06-ENABLINGTECH, started its implementation on 1st December 2024, and gathers 13 Consortium Partners Organizations from Cyprus, Greece, Spain and Romania. The European Consortium Partners is coordinated by I-ENERGYLINK (RO) working together with BOLTON TECHNOLOGIES (CY), CACTUS DIGITAL (GR), CLONE SYSTEMS (CY), COLUMBIA SHIPMANAGEMENT (CY), ROMANIAN NATIONAL CYBERSECURITY DIRECTORATE (RO), ELIAS NEOCLEOUS (CY), INTERNATIONAL HELLENIC UNIVERSITY (GR), JOT INTERNET MEDIA (ES), ROMGAZ (RO), BUCHAREST EMERGENCY HOSPITAL (RO), ARISTOTLE UNIVERSITY OF THESSALONIKI (GR), and SIQSESS TECHNOLOGY (RO).

CYBERGUARD Project addresses the escalating complexity of cyber threats targeting critical infrastructure sectors such as Transportation, Energy, Finance, Maritime, Government, and Health. The key point of this approach is the deployment of sophisticated defense & attack strategies, driven by experts specializing in AI and enabling technologies.

CYBERGUARD is committed to enhance the cybersecurity infrastructure across various organizations, aiming to proactively predict, detect, and mitigate cyber threats and vulnerabilities. By integrating a range of advanced technologies and methodologies, CYBERGUARD seeks to advance the security posture of organizations significantly. The Project innovative solutions are: the deployment of machine learning algorithms for the detection and prevention of cybersecurity threats on networks and hosts, addressing complex security challenges posed by new and multifaceted threat actors to enhance traditional detection mechanisms; advancing the generation, management, and secure dissemination of Cyber Threat Intelligence (CTI) within CYBERGUARD by creating and implementing advanced tools and platforms to foster efficient CTI sharing and collaboration, ensuring data security and privacy; systematizing the assimilation, organization, and scrutiny of diverse and voluminous data sets, aiding comprehensive analyses of cybersecurity incidents to improve threat detection, investigation, and response activities; the implementation of automated security orchestration and incident management, employing Business Process Modelling Notation to encapsulate and streamline business continuity and incident response procedures, minimizing operational disruptions.

CYBERGUARD results and outcomes will carry open-source licenses and will be disseminated within the Events such as: Hackathons, Workshops and Conferences. The key action of the dissemination is to create awareness for CYBERGUARD services and products globally, establishing and promoting a market where Europe holds a prominent and influential position.

I-ENERGYLINK is an Innovation and Development focused Organization, active in the Energy Sector Development and Digitalization at European and International level. I-ENERGYLINK's mission is accelerating clean energy by supporting innovative solutions that most effectively increase energy efficiency, reduce greenhouse gas emissions, consolidate the regulatory framework and improve overall power systems reliability.

