**Partner search/offer**

**Date \_\_07/06/2024\_\_\_\_\_\_\_\_**

(\*) – Mandatory

* **(\*) Relevant topic(s) in work programme (code & name of the topic(s) line(s))**

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| HORIZON-CL3-2024-CS-01-01Approaches and tools for security in software and hardware development and assessment |

* **Quick description of the project concept**

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| **Describe the** * **objectives,**
* **activities,**
* **type of partners already involved and their skills**
* **partners requested and their skills**

The DEVISE (Device Evaluation and Vigilance Integrated Security Engine) project is designed to create a comprehensive cybersecurity solution by integrating a range of technologies to detect and mitigate vulnerabilities, data leaks, and threats across various digital domains.**Objectives**1. Enhance security in software and hardware.
2. Improve access to secure testing environments.
3. Automate vulnerability discovery and dynamic security assessments.
4. Develop certifiable and trustworthy hardware and software.
5. Implement AI-based security services (e.g., predictive security, anomaly detection).
6. Ensure compliance with EU security standards.
7. Continuously assess security with software updates.
8. Explore and audit open-source software and hardware security

ActivitiesThe project will be implemented in several phases:1. **Integration and Development:** Merge existing technologies (INFRA, STRIVE, OSINT project) and begin development on new modules (Antivirus, Firmware Testing).
2. **Testing and Optimization:** Conduct pilot testing of the integrated appliance in controlled environments, followed by optimization based on test results.
3. **Deployment and Evaluation:** Full-scale deployment within select organizations for further evaluation and refinement.
4. **Commercialization and Scaling:** Prepare for wider distribution and scaling, focusing on adaptability across various industries within the EU

**Type of Partners Already Involved and Their Skills**1. **Lisbon Council:** Horizon coordinator, policy network focused on economic competitiveness and social renewal.
2. **NGCybersecurity:** Expertise in OSINT and cybersecurity, comprehensive vulnerability assessments, and penetration testing.
3. **University of Pisa (UNIPI):** Specialization in software security, secure software development, and formal verification.
4. **University of Cagliari (UNICA):** Proficiency in computer programming, secure coding practices, and AI.
5. **Yameveo:** Back-end development and cybersecurity consultancy.
6. **Intelligence Framework:** Automation of ethical hacking and advanced VAPT solutions.
7. **Universidad Politecnica de Valencia (UPV):** Specialization in AI and Big Data.
8. **Universidad Autonoma de Barcelona (UAB):** Expertise in policies and ethics related to AI-powered security tools.
9. **Spanish Ministry of the Interior:** Intelligence techniques and technologies.
10. **Fuse School:** Education and interactive UX.

Partners Requested and Their SkillsThe DEVISE project is seeking partnerships with universities and institutions  |

* **(\*) Description of the expertise requested/proposed (up to 1000 characters)**

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| We seek partnerships with universities and research institutions specializing in advanced cybersecurity technologies, threat intelligence, AI-driven security analytics, real-time threat detection, and next-generation encryption methods. Expertise in ethical implications and policy recommendations for AI security tools is also desired. Additionally, we are looking for institutions that can develop educational programs and training sessions on advanced cybersecurity techniques, ensuring a comprehensive and innovative approach to enhancing our cybersecurity solutions. |

* **(\*) Keywords describing the expertise requested/proposed (up to 10 words)**

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| AI, cybersecurity, threat intelligence, real-time detection, encryption, ethical implications, policy recommendations, training, education, analytics |

Organisation information

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| **(\*) Organisation and country:****Lisbon Council, Belgium** |
| **(\*) Type of organisation:****□ Enterprise □ SME ■ Academic ■ Research institute □ Public Body □ Other:**  |
| **Former participation in FP European projects?****■ Yes □ No** |
| **Web address:**[**http://www.lisboncouncil.net**](http://www.lisboncouncil.net/) |
| **Description of the organisation:**The Lisbon Council is a Brussels-based think tank and policy network established in 2003. It is dedicated to advancing economic competitiveness and social renewal in Europe. As an independent, non-profit organization, it engages political leaders and the public in constructive dialogue about Europe’s economic and social future. The Lisbon Council focuses on themes like digital society, AI, innovation-driven growth, and sustainability, collaborating closely with the European Commission and other stakeholders to promote digital transformation and innovation within the public sector. |

(\*) Contact details

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