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KEY DATA

Project Title:

EU-SEC: The European Security
Certification Framework

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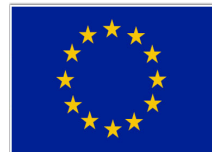
About 3 million EUR

Active in the cloud certification field?

Get in touch to find out how EU-SEC activities
can benefit your organization.

GET IN TOUCH

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THE PROJECT

The European Security Certification Framework (EU-SEC) strives to address the security, privacy and transparency challenges associated with the greater adoption of **Cloud services**.

EU-SEC is developing a certification framework under which existing certification and assurance schemes can co-exist. Furthermore, it will provide ICT stakeholders with a tailored architecture and corresponding set of tools to improve the **efficiency** and **effectiveness** of their current approach to security, governance, risk management and compliance in the Cloud. It will be tested and validated in pilots involving industrial partners.

OBJECTIVES

- Increase user trust in Cloud Service Providers by defining principles, rules and processes for mutual recognition between different certification schemes indicating security and privacy level.
- Stream line governance, risk management and compliance of cloud service delivering a reference architecture, mechanisms and tools for continuous auditing and certification reducing human interaction.
- Initiate the process for the trans-European adoption of the EU-SEC framework and of the format used to express security requirements, controls and audit results to support EU-SEC's long term sustainability.

CHALLENGES

- Ensure broad and international and cross-industry applicability of EU-SEC framework.
- Demonstrate a high level of security and privacy assurance and control while the CSP enhances the Cloud Service, continuously.
- Provide a framework which can be adapted to new technical, compliance and market requirements, easily and promptly.
- Generate a flexible and functional architecture and tools for cloud security governance, risks management and compliance.

ACTIVITIES

- Collect and maintain security and privacy requirements relevant to the public and private sector.
- Define the continuous auditing and certification framework and enable it for mutual recognition of existing certification and assurance approaches.
- Develop a governance structure to support trans-European EU-SEC framework adoption.
- Provide architecture and adapt existing tools to facilitate continuous auditing and control of security and privacy level service.
- Validate the framework with pilot use cases executed by public and private sector partners to ensure its effectiveness, efficiency and market readiness in large scale demonstrators.
- Strengthen the value proposition, market uptake and long-term sustainability of EU-SEC framework through commercial exploitation, influencing other standardization initiatives and performing strategic awareness and training activities.

