MEDINA

Security framework to achieve a continuous audit-based certification in compliance with the EU-wide cloud security certification scheme

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Certification metrics and specification languages

Automated evidence management

Lifecycle management of certificates

Continuous compliance

MEDINA Vision

MEDINA is a European Union-funded initiative that aims to help relevant stakeholders achieve a continuous audit-based certification, in compliance with the European Union's cloud security certification scheme (EUCS).

Based on automation metrics derived from the EUCS, MEDINA provides a set of tools and techniques for continuous compliance. This toolset can be used either with a unified UI or is accessible through API definitions. The certification status of the cloud services can be then fully managed by MEDINA.
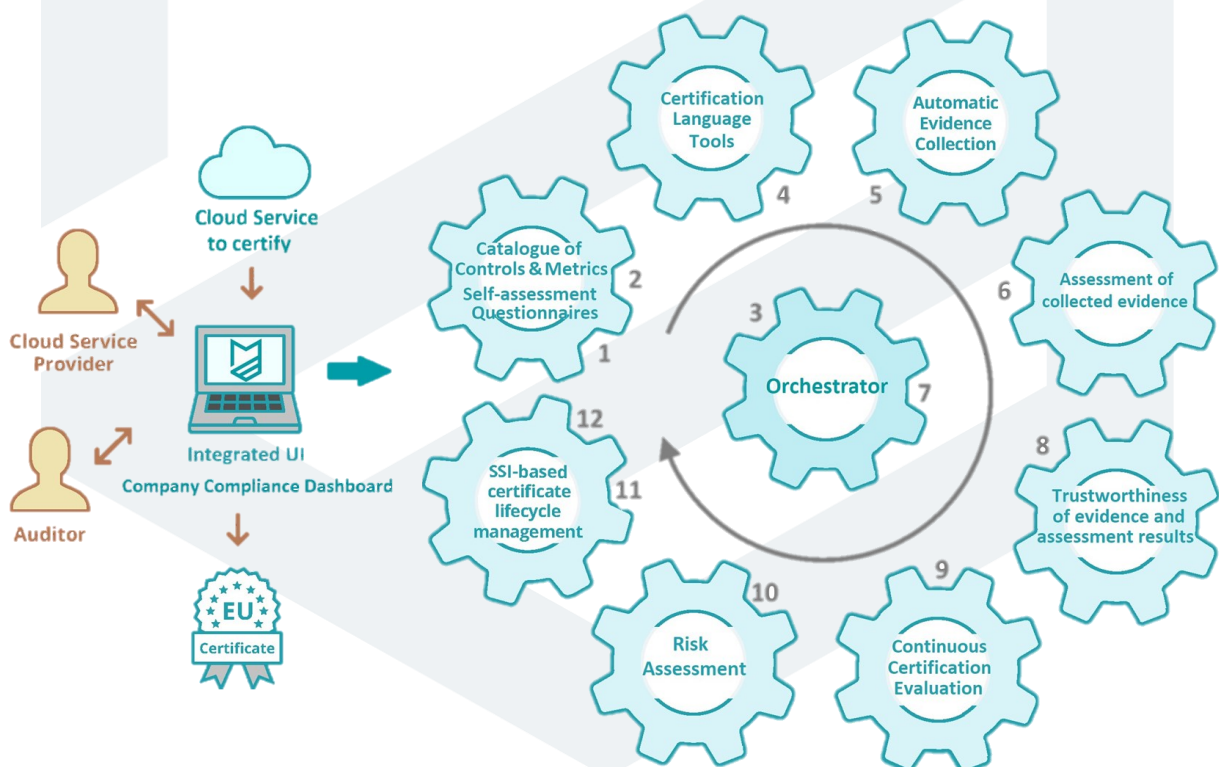
MEDINA Workflows

Early adopters of the MEDINA framework start by implementing the generic workflows, which comprise a set of scenarios and interactions performed by relevant certification roles (e.g., IT Security Governance, Product and Service Owner, CISO, and Auditor).

WF1: Preparation of Target of Certification (ToC)

WF2: Preparation of MEDINA

WF3: EUCS deployment on ToC
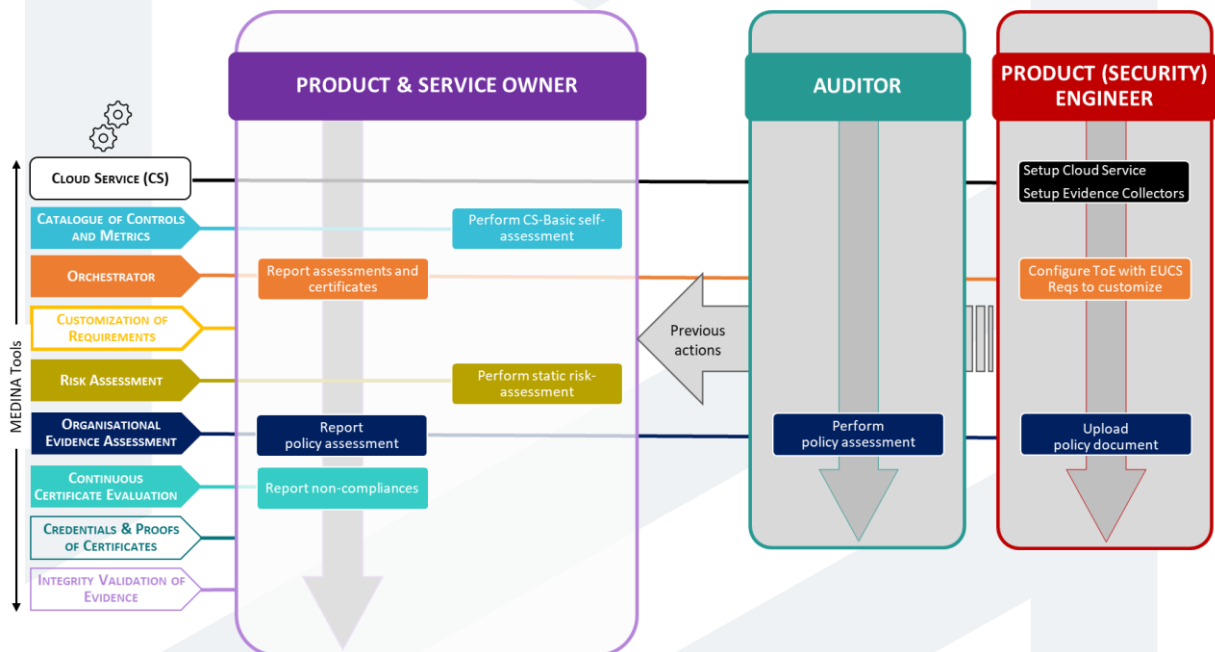
WF4: EUCS self-assessment

WF5: EUCS compliance assessment

WF6: EUCS maintenance of ToC certificate

WF7: EUCS report on ToC certificate

WF8: Verifiable credentials for certificates

WF9: Evidence integrity verification

Benefits

① **Streamlined** EUCS certification **process** through **documented guidance and automation support for evidence management**, minimizing workload and costs.

② **Reduced recurring manual labour, cost,** and **risk** involved in EUCS compliance processes.

③ **Seamless audit trail** of evidence with **traceability** and **protection against manipulation**, ensuring trustworthiness.

④ Over time, this continuous process will result in more secure cloud services and **improved adoption** of the EUCS.

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First Success Stories

Bosch
European Certification of Multi-cloud backends for IoT Solutions

"Thanks to the MEDINA Integrated UI, we are able to obtain a greater level of automation, control, and transparency related to EUCS. In the future, this will improve efficiency and reduce costs of the underlying certification process."

Jesus Luna García

Fabasoft
Continuous Audit of SaaS Solutions - Public and Private

"With the MEDINA approach Fabasoft can leverage automation of security controls into the actual audit process. The opportunity to access MEDINA via API endpoints with our own UI offers a seamless integration into our systems and platform."

Björn Fanta

Leveraging automation, ensuring compliance, enhancing trust.

MEDINA Project

Contact Information

Project Manager:
Cristina Martínez Martínez
cristina.martinez@tecnalia.com
+34 946 430 850