

Practical aspects of cybersecurity certification: The CUSTODES approach

Custodes: A Certification approach for dynamic, agile and reUSable assessment fOr composite systems of ICT products, services, and processes

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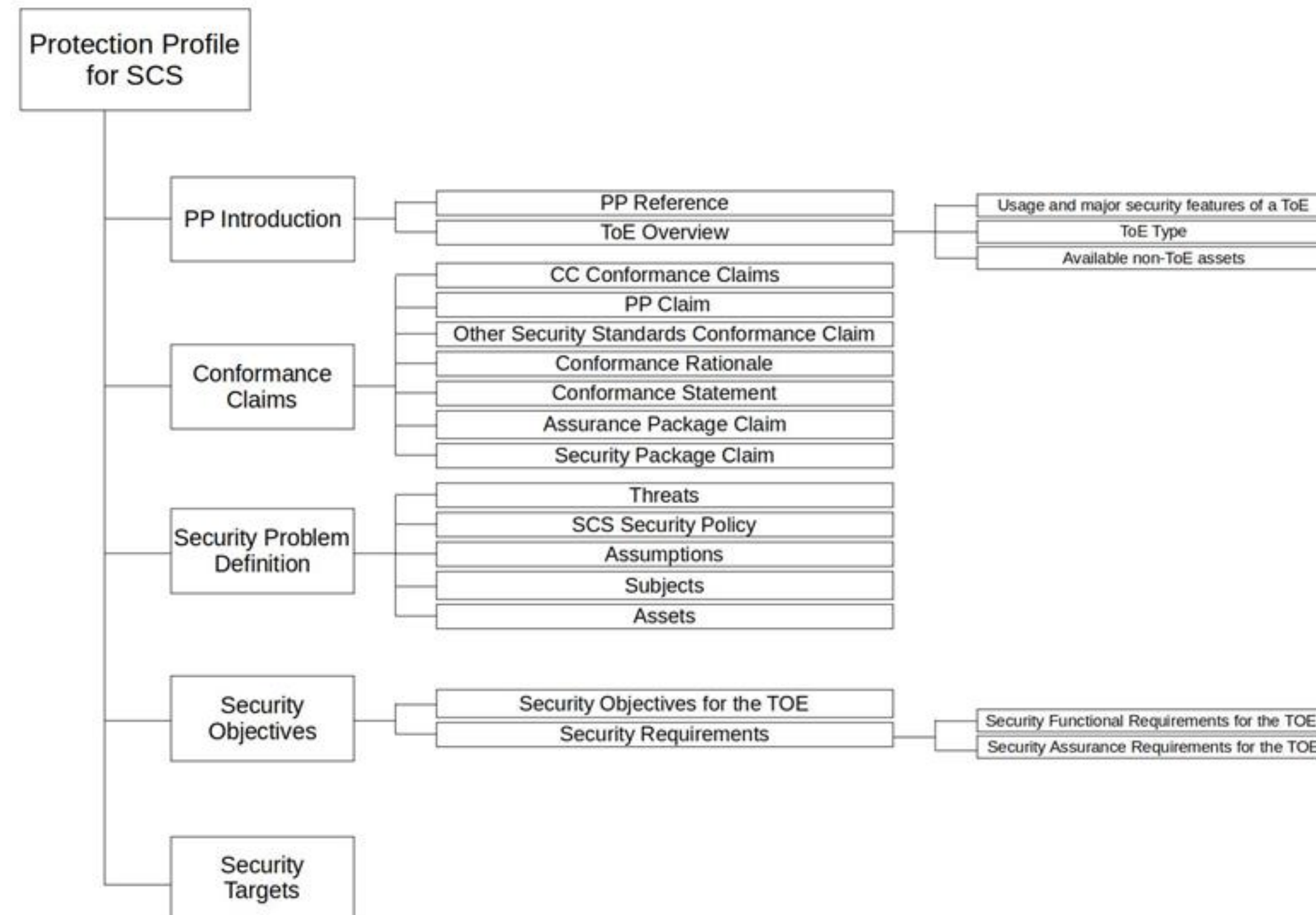
Certification

-**Cybersecurity Act Regulation (EU) 2019/881** on information and communications technology cybersecurity certification and repealing Regulation (EU) No 526/2013

-**AI ACT: Conformity assessment (Article 43)** compliance with the requirements set out in Section 2 (**Articles 8-15**) , the provider has applied harmonised standards.

RISK MANAGEMENT VS CONFORMITY ASSESSMENT

Risk Management is essential for the development of the **Protection Profile** (PP). PPs define the security requirements of the products (**manufacturers**)

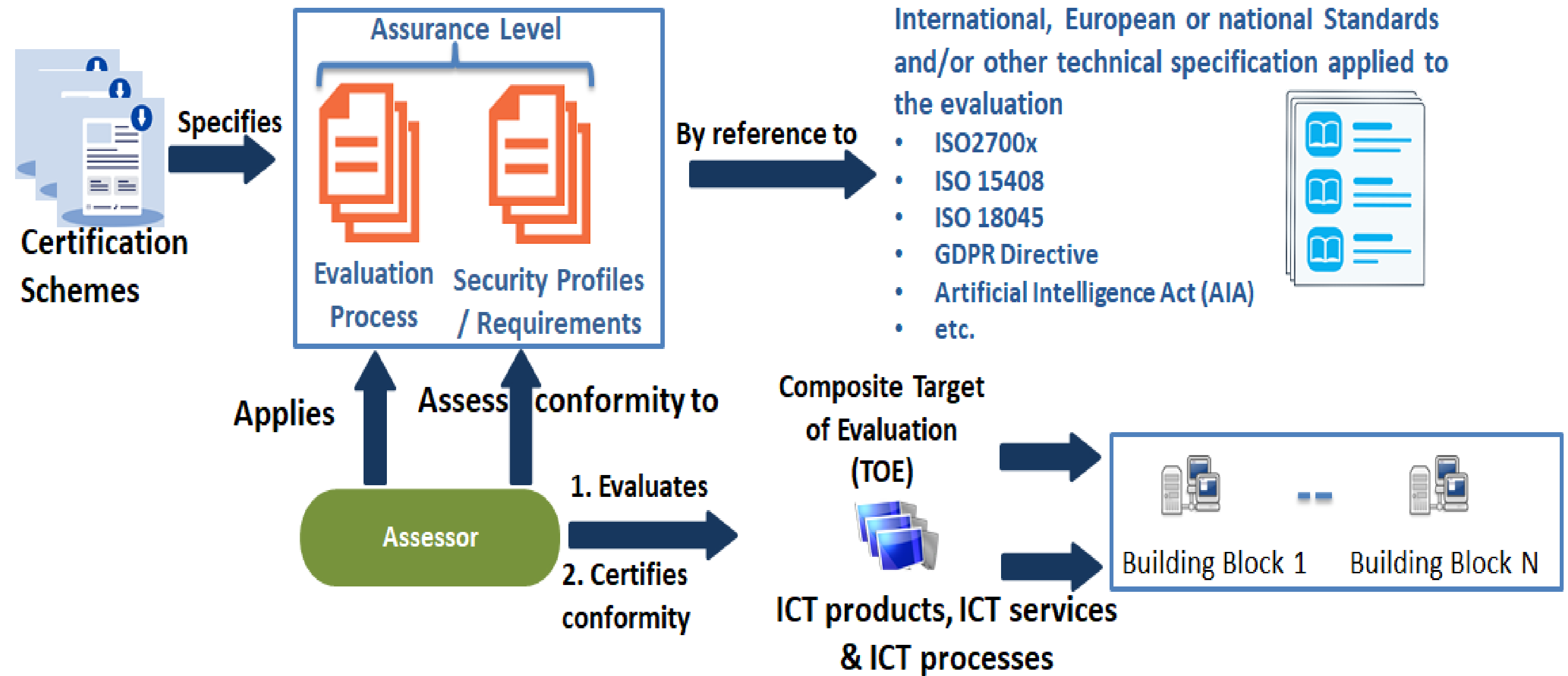


Conformity Assessment uses of **cybersecurity scheme** (a structured approach to be used for the assessment e.g. [EUCC](#)) to assess how the security requirements in the PPs are met (**auditors**)

Conformity assessment based multi schemes



Regulation (EU) 2019/881,
known as EU Cybersecurity Act
(EUCSA)





Vision



CUSTODES will develop and implement an innovative configurable, user-friendly and cost-effective **Composite Inspection and Certification (CIC) System** which will facilitate the cybersecurity certification of the Composite TOE (ICT Products, ICT Services, and ICT Processes), promote collaboration and information sharing and assist the various interested parties in the identification and implementation of the relevant assessment activities as needed in alignment with the relevant standards and technical specifications where applicable.



Objectives



Objective 1: Promote the scalable, agile and verifiable certification of Composite TOE, towards ensuring and fostering the protection, resilience of the ICT products, ICT services and ICT processes, converting Europe into a Trustworthy Certified Digital Ecosystem.

Objective 2: Facilitate the accurate definition, evaluation and classification of complex and highly interconnected (Composite) Targets of Evaluation (TOE)

Objective 3: Optimize, automate and facilitate the conformity assessment of Composite TOE ensuring compliance and mitigating potential compliance breaches.

Objective 4: Establish and guarantee the trust relationships in the Certification process.

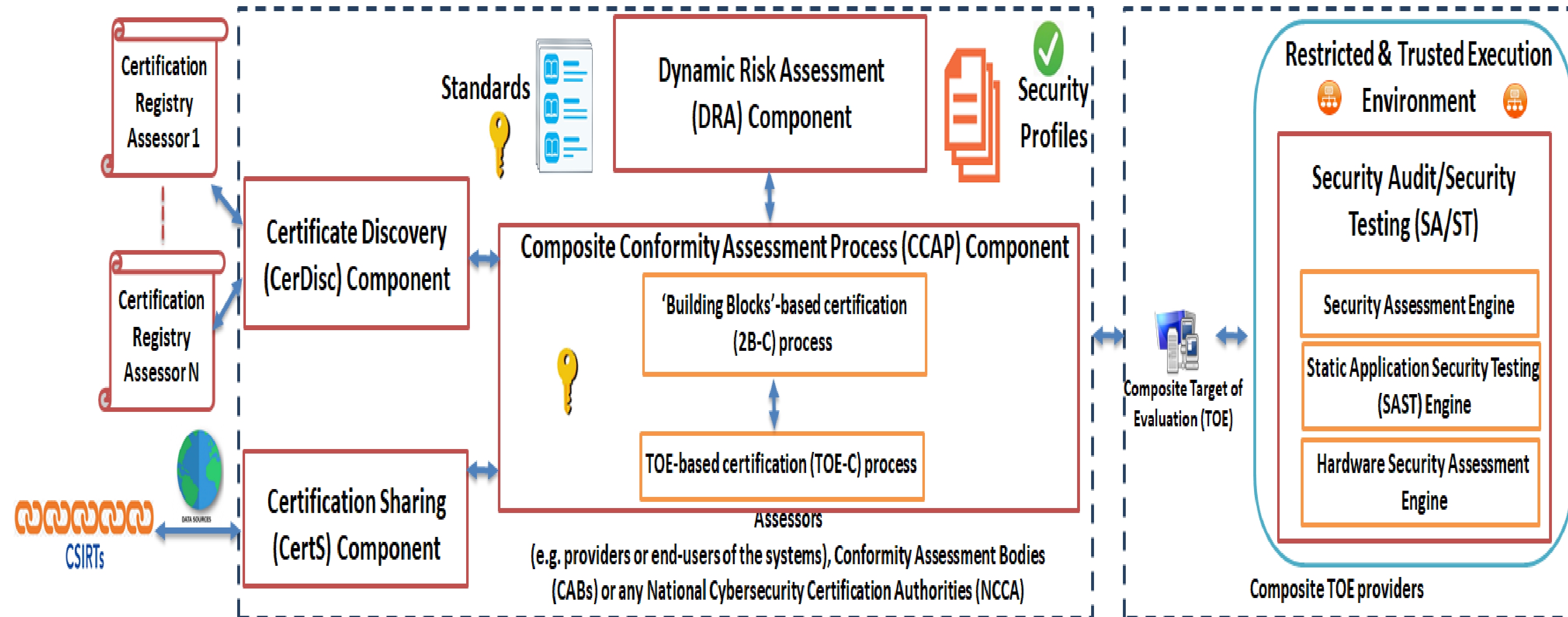
Objective 5: Enable robustness and sustainability of the self-assessment (i.e. audit/testing) throughout TOE lifecycles

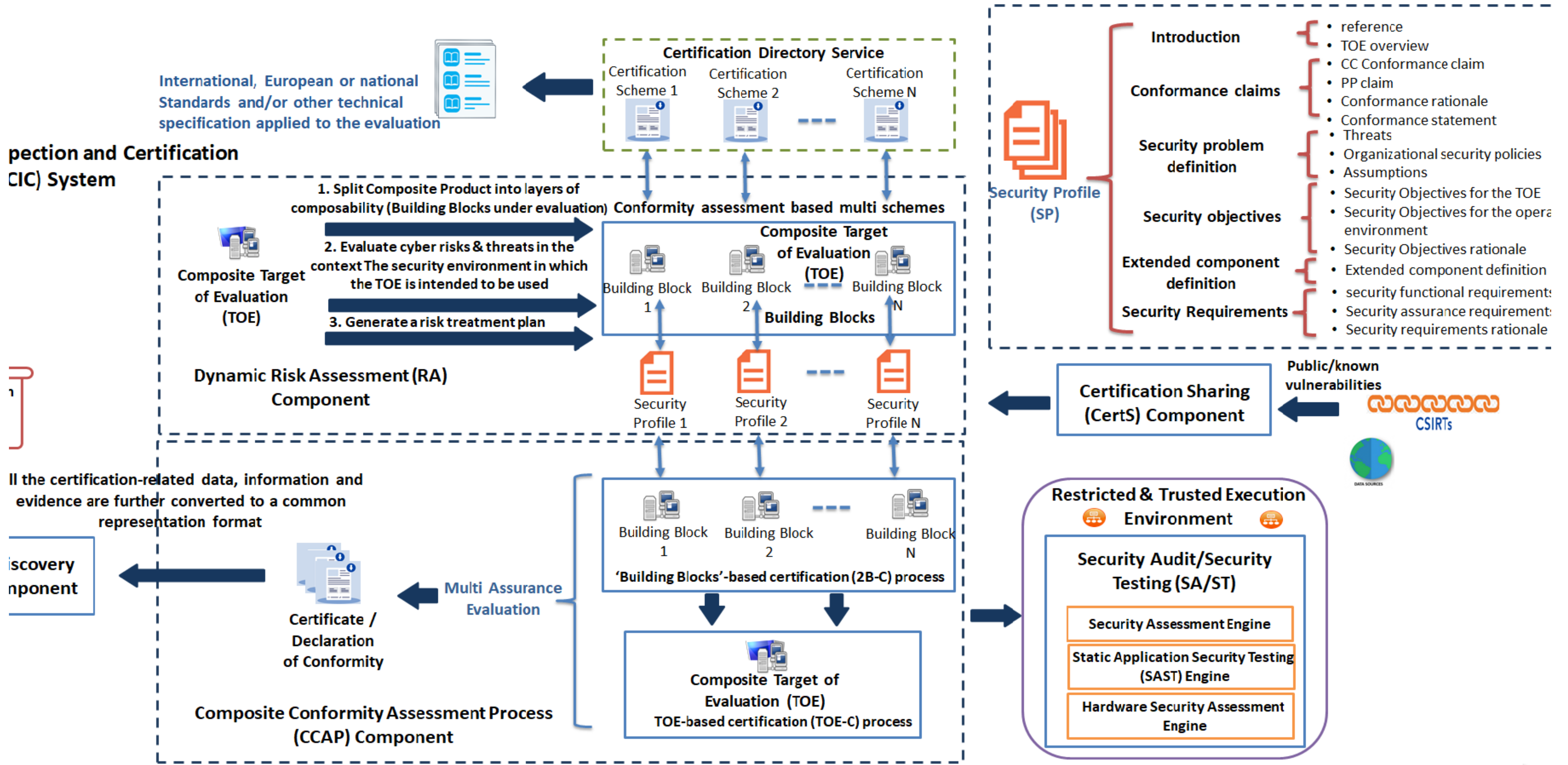
Objective 6: Promote and enable the trustable and transparent sharing and reuse of certification related information

Objective 7: Development, validation and demonstration of CIC System through its application to large-scale real scenarios/conditions - Market validation and Roll out

Objective 8: Provide tailored certification-related recommendations

CUSTODES Composite Inspection and Certification (CIC) System





Thank you!

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