CRISP

Evaluation and Certification Schemes for Security Products

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Evaluation methodology for security product certification

CRISP aims to facilitate a harmonised playing field for the European security industry by developing a robust methodology for security product certification integrating security, trust, efficiency and freedom infringement assessment dimensions.

Objectives

The proposed scheme will be based on a taxonomy encompassing a variety of security products and services across applications. It will take into account the varying roles of a diverse stakeholder community including manufacturers, regulatory and certification bodies, data protection authorities and end users and engage with each group to gather insights to help avoid acceptance problems that challenge current schemes. It is aimed to:

- create a taxonomy of security products and systems, concepts of operations, application areas, performance and set out criteria for comparing security products and systems;
- provide an historical perspective on security standards and certification in Europe and analyse the state of the art in security standards, certification and accreditation at a Member State, regional and international level;
- determine the role of different stakeholders, gauge their views on the challenges affecting security certification and identify requirements for a harmonised EU-wide approach;
- examine the core dimensions of security product certification and present the requirements for enhancing existing evaluation and certification schemes;
- present a certification methodology, policy and procedures for security products, test-drive, evaluate and refine it;
- present a roadmap for adopting the proposed certification scheme and work towards enhancing acceptance of the new certification measures.

Building a holistic evaluation of security products and services

In order to assess how existing evaluation and certification schemes could be used and further developed for the certification of security products and services, CRISP follows a specifically tailored strategy.
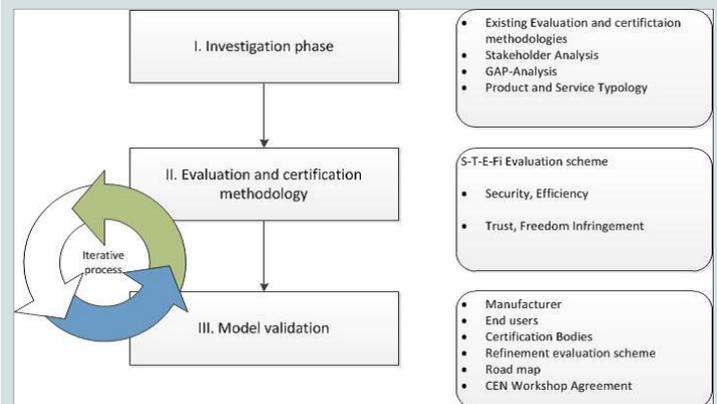
CRISPS's basis: S-T-E-Fi

The basis for a holistic evaluation of security products and services is a model that encompasses as many perspectives as possible in a well-structured and easily comprehensible manner. At the highest aggregation level, there are four dimensions.

- **S**ecurity,
- **T**rust,
- **E**fficiency and
- **F**reedom **i**nfringement.

Within the CRISP concept, each security product type incorporates a specific **S-T-E-Fi** evaluation scheme that considers the interrelations between the four dimensions. Depending on the product type, each of the mentioned dimensions has different impact on the evaluation result. Depending on the **S-T-E-Fi** result, the security product or service is approved or rejected.