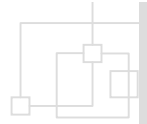




# Risk Analysis



## What Security Requirements for your products & processes?

When developing security-sensitive products or services, it is of prime importance to conduct a thorough risk analysis: bypassing it might leave unexpected doors open to attacks, compromising the whole product or service integrity.

As a member of the EBIOS Club, Trusted Labs capitalizes on its experience and on the well established EBIOS methodology to develop a systematic methodology for comprehensive risk analyses.

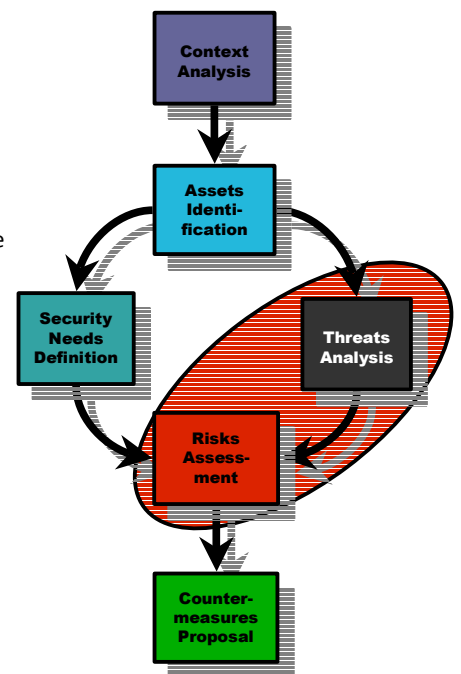
### Methodology overview

Trusted Labs collects all necessary information in a structured way, so as to obtain a global view of relevant risks and define product or process recommendations. These recommendations guide the choice and enforcement of security policy and security requirements. The resulting documents can ultimately be used to enforce a certification scheme.

### Service offer description

The methodology can be applied from context analysis to the proposal of countermeasures. Each step is also offered as a stand-alone service.

- Context Analysis: identification of the context of your product / process and of related security stakes: IT infrastructure, legal, marketing, etc..
- Identification of Assets: inventory of resources and data which are valuable considering your product / process goals.
- Definition of Security Needs: each asset implies specific security requirements for its protection. Security criteria are defined to evaluate security requirements of these assets.
- Threat Analysis: threats and vulnerabilities weighing on your product / process and its environment. The result of the analysis will complete the list of security requirements for identified assets.
- Risk Assessment: risks associated to your product / process and potential impacts of successful attacks. The product / process is evaluated against the list of requirements, and the potential damage of each successful attack is quantified.
- Countermeasures: Drawing from knowledge databases (EBIOS, ISO 17799/ISO27001, Common Criteria) and its own security expertise, Trusted Labs proposes countermeasures to prevent, detect, react to, and thus mitigate the identified risks.
- The risk analysis can be incrementally updated to take into account evolutions of the state of the art, as well as new internal / external constraints.



### Value-added features

- Preliminary step for a progressive approach encompassing Trusted Labs evaluations and Common Criteria certifications.
- In-house methodology for systematic Risk Analysis.

### References

- Crédit Agricole
- DGE
- France Télécom
- SFR
- Gemalto
- GIE Cartes Bancaires
- MasterCard
- Texas Instruments
- Viaccess