



Evaluation Services

Formal Evaluation Risk Management Service

Supporting Your Business

Undertaking a formal security certification of your product can be a daunting task. It requires skills and experience that are often very different to those that have been acquired for product development, and introduces new risks to the project schedule. SiVenture provides support to guide you through the evaluation and certification process. We also understand the business issues that arise in securing a product.

SiVenture staff have helped clients to achieve successful certification, and re-certification, for hardware and software products under such formal processes as common criteria (ISO 15408).

Flexible Packages

We adapt our work to fit your plan and development environment. Our service can incorporate some or all of the following elements tailored to meet individual client's needs:

- Evaluation planning and integration with a project plan
- Security Target - specification and writing of the security target for products, in compliance with a protection profile where required
- Identification of the information and procedures required to complete common criteria evaluation deliverables
- Analysis and testing of the target product, highlighting weaknesses before evaluation starts, and providing consultancy on improvements where required
- Advice on changes to internal design and manufacturing environments for successful evaluation and certification
- Preparation of recommended common criteria documents, in partnership with your development staff
- Support for the evaluation and certification process, including the resolution of and evaluation observations and issues
- Management of the evaluator and certifier interface

We aim to work in partnership with our clients, involving development staff at each stage of the evaluation and certification process, to help ensure that you can undertake subsequent evaluations more easily.

To support you in achieving the level of certification you seek, we provide independent pre-evaluation testing of devices utilising our well-equipped laboratory. We have a wide range of deprocessing facilities, microscopy, and tools for testing resistance to attacks such as SPA, DPA, DFA and EM analysis.

Our Smart Card Security Investigation Service applies the skill, experience, innovation, and tenacity of the SiVenture analysts to provide support to the client for the efficient production of smart card chips and software.

Involving us in the early stages of development will help you to be more productive with:

- Direct improvements in the product's ability to resist hostile attacks by third parties - both physical and logical attacks
- Improvements in the time-to-market of chips by early analysis to reveal weaknesses before they impact an evaluation
- Development of new defenses based on real methods used by attackers

About SiVenture

For more details about SiVenture and our complete portfolio of smart card consulting and laboratory services, please contact us at: www.siventure.com

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