

bright sight®



your
partner
in security
approval



Common
Criteria Services

Common Criteria (CC) is a means to define, assess, and validate the security aspects of ICT products. Organisations using security products can define their technical security requirements for a type of product in a Protection Profile (PP). Developers can show compliance of their product to a PP described in the developer's Security Target (ST). CC supports understanding of *'what the product does security-wise'* and *'how sure you are of that'*.

CC puts trust in ICT products because it answers three important questions:

1. What does the product do?

CC makes clear what security functionalities of the product can be trusted, so the circumstances in which the product can be deployed may be determined

2. How has the product been validated?

What is the basis to put trust in the observation that a "product is secure"? Products can be evaluated for an hour or for several months. Testing can be performed to obtain a brief impression, or, the testing can be carried out to a highly rigorous and thorough specification. The focus of the validation can be on security functionality alone, or, the development process may also have been taken into account. The options are numerous. CC clearly defines how the product has been validated.

3. Who has validated the product?

CC provides a set of criteria for security evaluation facilities (called ITSEFs) to ensure that these facilities are capable and competent of performing security evaluations under a clearly defined quality system.

Why opt for Common Criteria?

CC is intended for different target groups. A CC certificate can be used as a selling argument, compared to a competitor's product with no such certificate. Product developers and manufacturers can show that their product meets the customer's requirements. They know beforehand what these requirements are and can use this knowledge to their best advantage in their development process. Because CC certificates are recognised internationally the manufacturer's investments can be used to fulfil the requirements of different customers worldwide. Large organisations, user groups or governments can use CC to express their technical security needs. It also provides them the possibility to set up an accreditation scheme for security products.

Our Common Criteria Services

Evaluation

Brightsight is a licensed security evaluation facility under the Dutch NCSIB and the German BSI Common Criteria Schemes. This means that successful evaluations performed by Brightsight can be rewarded with a globally recognized certificate (CC Mutual Recognition Agreement). At the start of an evaluation, the developer of a product will have many questions such as “what is going to happen in the evaluation?”. The evaluation facility will also have many questions about the product and the processes that the developer uses. Therefore, Brightsight typically begins an evaluation with an initial phase. During this phase, we provide training, examine the readiness of existing processes and documentation and assist in writing the Security Target.

Developer Support

Brightsight offers assistance to developers in passing an evaluation in an efficient manner. This can take many forms, such as writing evaluation evidence, talking through common pitfalls with designers, advising how to interpret requirements and performing preliminary penetration tests.

Consultancy

Brightsight offers CC consultancy, for example in assisting organisations with setting up evaluation schemes, assisting buyers of ICT products in determining how to interpret CC certificates or Security Targets, and assisting users in how to use certified ICT products.

Training

Brightsight offers a range of courses on CC and its practical applications: overview courses for beginners, course programs for starting CC developers,

courses for CC practitioners and in-depth courses on specific topics for experienced security and CC personnel. We adapt the courses to the participants' requirements by adjusting the level of complexity and using examples that they can relate to their own field. We prefer to use an interactive workshop approach, as this maximizes the quality of learning that the delegates actually acquire. An overview of our courses can be obtained from our website.

Common Criteria Explained series

Our Common Criteria Explained series clarify the different aspects of Common Criteria in a comprehensive and informal way. The goal is to enable a developer to understand what is being required from him. ‘EAL4 for developers’ of the series can be obtained free of charge on our website at www.brightsight.com

Please visit our website at www.brightsight.com for more information on the various other services we have to offer. We are ready to answer any questions you may have regarding our services. Please do not hesitate to contact us at info@brightsight.com or +31 15 2692 500 for more details.

References

A selection of the products we have evaluated over the past decade include:

- > Smart card products (IC, OS, application),
- > PIN Entry Devices,
- > Hardware Security Modules,
- > Voice over IP infrastructure,
- > Network printer-controllers,
- > Network boundary protection devices,
- > Aircraft information security filter (Software and Hardware).

Brightsight is your globally recognized partner in security approval of IT products.

Our services include:

Security evaluation

Developer support

Tools

Training

Our customers range from international financial institutions to telecom operators, IT product manufacturers and governments. We offer them a completely independent expert view tailored to their specific requirements.

delftechpark 1
2628 xj delft
the netherlands

p (+31) 15 269 2500
f (+31) 15 269 2555
info@brightsight.com

www.brightsight.com