

FEDERAL

Common Criteria Testing Laboratory



Companies that supply security or security-enabled products to government agencies are required to undergo formal security evaluations in accordance with the U.S. Government's National Information Assurance Acquisition Policy. The Common Criteria (CC) is the first international standard for IT security evaluation, validation, and certification. Product companies are choosing Common Criteria evaluation to differentiate their products from those of their competitors and to demonstrate to consumers that their security functionality performs as advertised. Selection of a knowledgeable Common Criteria laboratory is critical to ensuring that an evaluation is handled efficiently without draining finances and resources, thereby reducing the administrative challenge of ensuring that security products meet the requirements of the CC and the U.S. Common Criteria Evaluation and Validation Scheme (CCEVS).

Why Common Criteria Testing?

The U.S. Government historically has been required to deploy security products and solutions that have been evaluated and found compliant with well-established criteria. Users of products that protect our national security systems must have a means to validate that these products provide the advertised security functionality. The Common Criteria (ISO/IEC 15408) represents the outcome of a series of efforts to develop criteria for evaluation of IT security internationally. There are 14 countries worldwide that acknowledge the CC as the official third-party evaluation criteria.

Why the Arca Common Criteria Testing Laboratory?

Savvis operates one of nine U.S. Government-accredited CC test labs — the Arca Common Criteria Testing Laboratory (CCTL) Lab Code 200429-0. We recognize how strategic your ability to sell security products to the government has become in recent years and we understand your concerns on how to accomplish this objective efficiently and economically over time.

The Arca CCTL uses a consultative approach to help guide you to the most appropriate Evaluation Assurance Level (EAL) for each of your products within the rules established by CCEVS. We provide complete evaluation support before, during, and after product evaluations. Our experience, knowledge, and process innovations enable us to offer timely evaluations and assessments at reasonable costs.

We have experience evaluating an array of security products — from devices, appliances and general purpose products to distributed applications. The lab facility is located in a Savvis data center with world-class features, including 24/7 secured biometric access, video camera surveillance, raised floors, HVAC temperature control, advanced smoke detection and fire suppression systems.

Key Facts

- Established evaluation methods and procedures
- Proven track record of successful evaluations
- World-class security specialists
- State-of-the-art lab facilities

Savvis Evaluation Assistance Services

Security Target Development

Savvis can write your Security Target (ST), which is the foundation document against which a Common Criteria evaluation is performed. The ST contains the security functions and assurance specifications for the product, which can be defined or derived from security requirements in a certified Protection Profile (PP).

Evaluation Evidence Development

Savvis can assess the current state of your documentation and preparedness for the Common Criteria evaluation, and provide evidence preparation services or partner with third party documentation vendors for assistance. Correct documentation is critical to a successful evaluation and the type and detail depends on the Evaluation Assurance Level selected.

Evaluation

The length of the evaluation process depends on the Evaluation Assurance Level and the complexity of your product's security profile. The Arca CCTL is accredited to perform all types and levels of evaluation:

- PP Evaluation
- ST Evaluation
- EAL Levels 1 - 7:
 - EAL 1 Structurally tested
 - EAL 2 Functionally tested
 - EAL 3 Methodically tested and checked
 - EAL 4 Methodically designed, tested and reviewed
 - EAL 5
 - EAL 6
 - EAL 7

Evaluation Consultation

The Common Criteria can be confusing and overwhelming for companies trying to determine the most appropriate EAL, how to define the product boundary and environment and how to get evidence ready for each evaluation phase. Savvis can help you understand the requirements and nuances of the process and if desired, get you started upfront with a strategy paper and/or initial draft security target.

Internationally Recognized Evaluation Results

Products that are evaluated and validated under CCEVS are posted on the Validated Products List on the CCEVS website. CCEVS provides this information to the International Common Criteria group for incorporation on the Common Criteria Certified Products List that is maintained under the Mutual Recognition Arrangement between the 14 Countries that perform Common Criteria evaluations.

For more information on the Arca Common Criteria Testing Laboratory and our related services, please contact:

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