

Workshop: Beginning Common Criteria Evaluation Skills for Future Evaluators

The Common Criteria is an internationally-accepted standard used as a basis for the evaluation of security properties within information technology products and systems. By adhering to this standard, companies are guided through the development of products and systems with information security functions in place for protection of unauthorized disclosure, modification or loss of use of information assets. Assurance measures within the Standard, when applied in an evaluation process, contribute a level of confidence to certified products and systems that the security functions meet the requirements of the Standard. The Standard is applicable for projects developing software, firmware, and hardware.

Duration:

4 days

Objectives of the Seminar

Attendees should expect to attain value applicable to their near-term product investment programs.

Specific objectives are:

- To acquaint attendees with a business justification to pursue Common Criteria evaluation and certification
- To provide attendees with knowledge of the Common Criteria Standard and the organization of international and U.S. national management bodies
- To provide attendees with an overview of how a Common Criteria evaluation project is initiated and progresses, and examples of typical documentary evidence developed for evaluation
- To equip attendees to produce evaluation evidence by providing knowledge of and ability to use the functional requirements supplied by the Common Criteria Standard
- To enable attendees to interpret security requirements and determine development approaches by providing knowledge of the assurance requirements supplied by the Common Criteria Standard
- To enable attendees to participate as mentored evaluators in future Common Criteria evaluation projects by providing a knowledge base for performing evaluations

Expected Audience

Decision makers of business investments in information security products and product development practices should attend, as well as sales managers of U.S. national and international federal government customers:

- Future Common Criteria evaluators

Seminar Topics

This four-day seminar will include topics valuable to your business today:

- Origination of the Common Criteria standard
- Organizational structure of the international and U.S. national scheme management boards
- Business justification for setting and achieving a Common Criteria certification goal
- The functional assurance paradigm
- Standardized functional requirements for a Target of Evaluation
- Assurance levels of confidence for evaluations
- General evaluation tasks
- Security functional requirements paradigm
- Dissection of Protection Profiles and Security Targets
- Using functional requirements
- How assurance requirements are applied to functional requirements
- Proper evaluation techniques using the Common Methodology for IT Security Evaluation

Prerequisites exist for this workshop. Attendees should confirm incoming qualifications prior to enrolling.