Certification of a product/system
Common Criteria

Objective and methods

Objective - provide an evaluation methodology

- Defining the set of security functionalities
- Defining a set of assurance requirements
- Determining whether the product or system meet the assurance requirements
- Determining a measure of the evaluation results Evaluation Assurance Level (EAL)

➡ Technical Evaluation based on security assurance methods

- Testing and penetration testing
- Formal development and/or formal verification