Evaluation Assurance Levels (EAL)

EAL 6 - Semi-formally Verified Design and Tested

➡ Requires a rigorous development environment

EAL 7 - Formally Verified and Tested

➡ Requires a rigorous security-oriented development environment

Let's see some certified products on
http://www.commoncriteriaportal.org/products/

Drawbacks of product evaluation

1. Preparing the documentation for evaluation is a long time effort

➡ The product is obsolete once certified

2. Going through such an evaluation is a costly process

➡ The return on investment is not necessarily a more secure product

3. The evaluation is performed on the documentation and not on the product itself

➡ A good EAL does not prevent from security flaws