

Common Criteria Certification

Common Criteria is the governing certification policy in terms of information assurance in Government technology acquisition. It was devised by the Committee on National Security Systems (CNSS) and is included in the Department of Defense (DoD) Directive Number 8500.1.

There are different levels of certification within the Common Criteria. These are referred to as Evaluation Assurance Levels (EAL) and range from 1 to 7 with 7 having the most in-depth testing and analysis. For multifunctional products most manufacturers opt for either EAL2 or EAL3 certification.

What are the Differences between EAL2 and EAL3 Certification?

During EAL3 certification the product developer and the evaluators work together in the design stage to gain maximum information assurance in the product. During EAL2 certification the product evaluators are only involved to the extent of providing documentation, and the investigation of the product is less thorough than in EAL3 certification.

Canon currently has over 30 Common Criteria Certified device ranging from 22 to 105 pages per minute in color and in black and white.

Security Kit B2	EAL3	imageRUNNERS 2270G, 2870G
HDD Data Erase Kit-B1	EAL3	imageRUNNERS 3025(G), 3030(G), 3035(G), 3045(G)
HDD Data Encryption Kit	EAL3	Color imageRUNNERS C3380(G), C2880(G) Color imageRUNNER C3480, C3080, C2550 Color imageRUNNERS C4080, 4580, 5185 imageRUNNERS C5058, C5068 imageRUNNERS 7105 V2, 7095 V2, 7086 V2 imageRUNNERS 5050, 5055, 5065, 5075 imageRUNNERS 3025(G), 3030(G), 3035(G), 3045(G) imagePRESS C7000VP, C6000VP, C6000, imagePRESS C1

Canon imageRUNNER Security Solutions

System Architecture

- imagePlatform controller architecture
- UNIX-based proprietary operating system
- Controlled access to ports and services
- Device Information Delivery Function (DIDF)

Data Protection

- Temporary and permanent data is written to random, non-contiguous locations on the hard disk drive
- Hard Drive Data Encryption (optional)

- Hard Drive Data Overwrite (optional)
- Job Log Conceal
- Hard Disk Drive format
- Mailbox Backup capability
- SSL
- PDF Encryption option

Fax-Based Contols

- Separation of fax and network functions

Authentication

- Department ID Management

- Control Card/Control Reader System Access option
- Simple Device Log-In (SDL)
- Single Sign-On (SSO) System Administrator control

User/Network Access Controls

- MAC/IP Address Filter
- Department ID Management
- Control Card/Control Reader System Access option
- Simple Device Log-In (SDL)
- Single Sign-On (SSO)