

Preparation Is Under Way at Ricoh to Obtain ISO/IEC 15408 Certification for a Growing Number of Products in Order to Better Assure Customers of Functionality and Security.

In June 2002, Ricoh obtained ISO/IEC 15408 Information Technology Security Evaluation and Standard Evaluation Assurance Level (EAL) 3 for its imagio Neo 350/450¹ Series, making this the world's first certified digital multifunctional printer.

Working Toward ISO/IEC 15408 Certification

ISO/IEC 15408 (Information Technology Security Evaluation and Standard) is the only international standard for the evaluation of product and system security. It stipulates an evaluation framework that is used to determine whether security is properly designed for a product or system without inconsistencies and whether the design is correctly implemented. This standard originated from several national standards primarily intended for information systems for defense use. These were unified to become the ISO standard.

The certificate is a testimonial by a public, third-party organization that the imagio Neo 350/450¹ Series is secure in regard to not only functionality but also its lifecycle from manufacture to delivery, installation and use. The certificate attesting to security gives customers increased peace of mind when using the product. The functionality and certification are important criteria for government offices in selecting products to procure.

Certification Awarded to Ricoh Products

The imagio Neo 350/450 Series¹ received its ISO/IEC 15408 (Evaluation Assurance Level 3) certification in June 2002 as the world's first certified product in the digital multifunctional printer category. The relevant information security technology — the subject of the certification — has been passed on to the subsequent imagio series of products. Ricoh also received certification for TrustyCabinet UXV1², a secure electronic document storage system, and Remote Communication Gate³, a relay unit that connects users' devices to Ricoh's remote service center via the Internet. In fiscal 2005, Ricoh obtained another certificate for ISO/IEC 15408 certification, this time for the imagio security module card (an optional product: Japanese domestic solution), which enables overwriting and erasing data on a hard drive. This feature was incorporated into digital color copiers and digital monochrome copiers for the Japanese and overseas markets.

■ imagio Neo 350/450¹



¹ Japanese domestic model

² Japanese domestic solution. Software that enables secure, long-term storage and management of electronic documents as authentic originals (functions to ensure document originality). When combined with packaged security functions of various types, the software can be used for applications including electronic filing, electronic procurement, electric document management, electronic document sharing and others.

³ When installed at the customer's location, it connects automatically to Ricoh's control center, which enables immediate reporting in the event of a failure of an imaging I/O device at the location, periodic announcements appearing on the counter display, and automatic order placements for toner and other supplies.

■ Products with ISO/IEC 15408 certification

| Category | Product name | Security functionality of product | Date certification was obtained. |
|---|--|---|----------------------------------|
| Secure electronic document storage system | TrustyCabinet UX V1 | Guarantees originality of electronic documents, long-term storage and management | November 30, 2001 |
| Digital multifunctional printers | imagio Neo 350/450 ¹ | Protection of accumulated important documents; protection of residual data; prevention of unauthorized access through telephone lines; authentication of administrators | June 28, 2002 |
| Options for multifunctional printers | imagio Security Module Type A* imagio Security Card Type A* Aficio Data Overwrite Security Unit Type A/B | Temporary data on the hard drive are automatically overwritten and erased. | January 21, 2004 |
| | imagio Security Card Type C/D* Aficio Data Overwrite Security Unit Type C/D | | March 29, 2006 |
| Remote service relay unit | Remote Communication Gate Type BN1/BM1 | Immediate reporting via the Internet and other functions in the event of failure of an imaging I/O device | September 26, 2005 |
| | Remote Communication Gate Application software for Remote Communication Gate | | June 28, 2006 |

* Japanese domestic solution