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# ***New trend of Common Criteria Certification in Japan***

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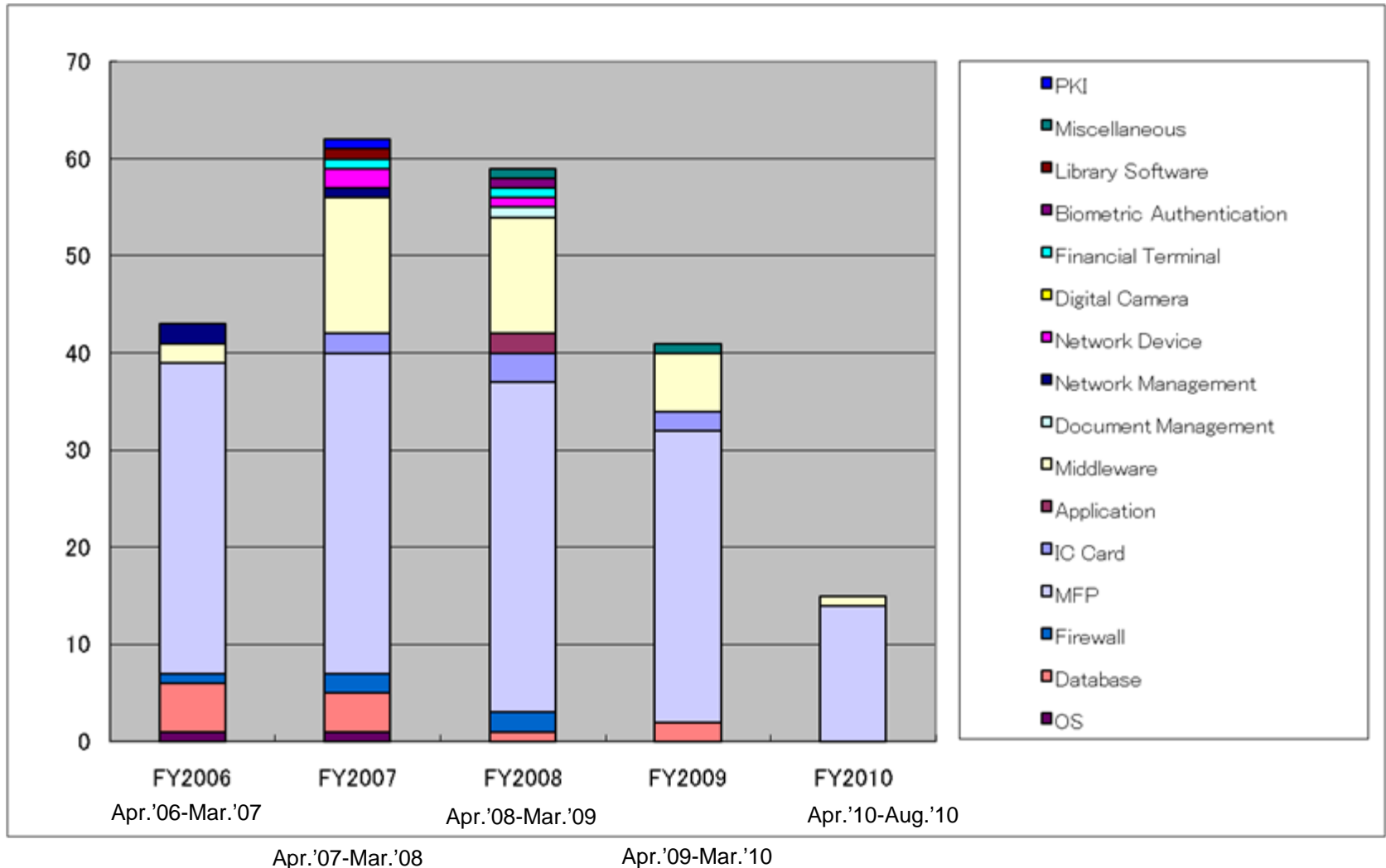
**Information-technology Promotion Agency (IPA)**

1. Recently certified products
2. Tax Deduction and Procurement Policy for IT security products
3. New trend of CC certification in Japan

# 1. Recently Certified Products

## Number of Certificates per TOE type

(As of August, 2010)

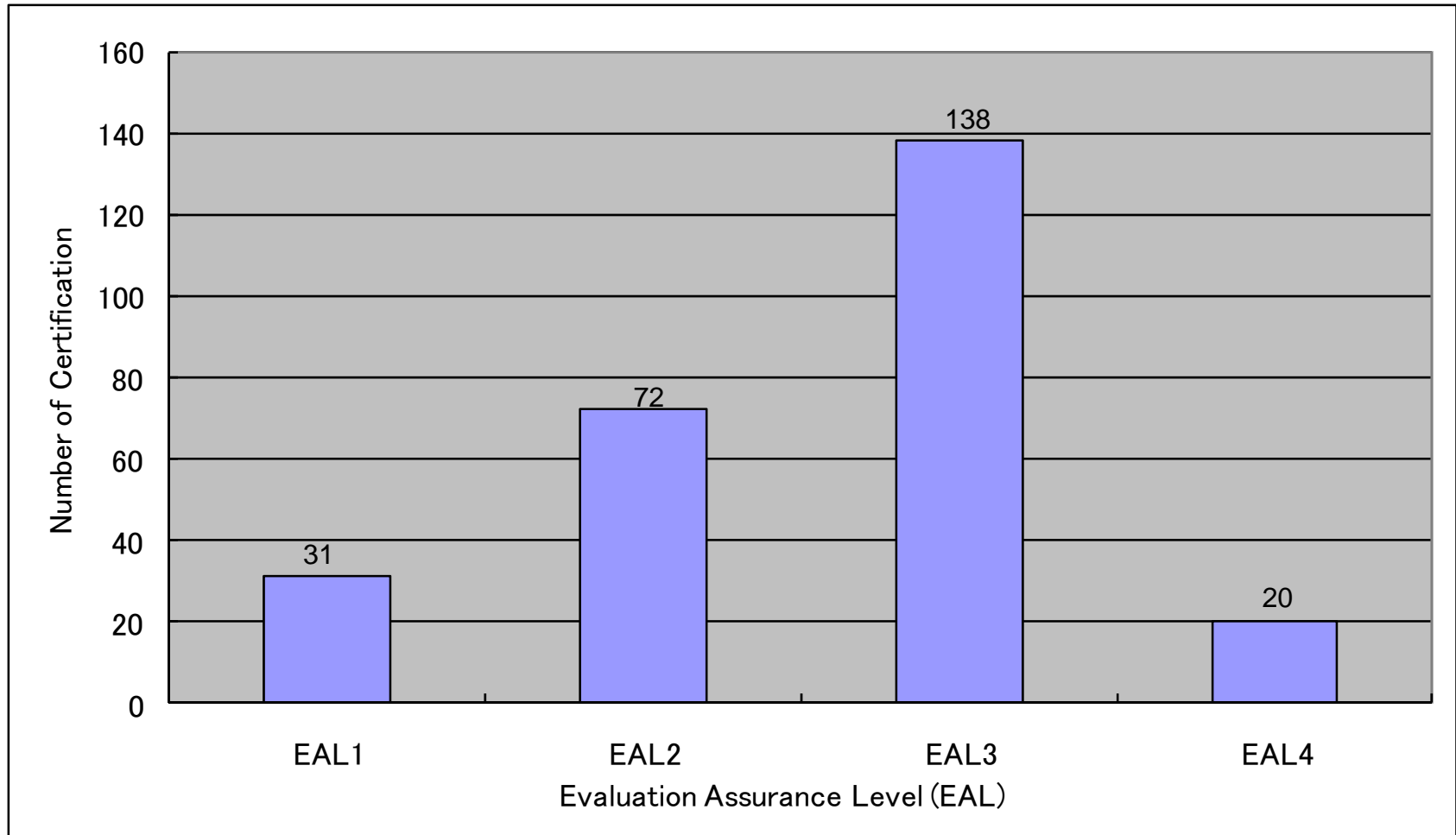


# 1. Recently Certified Products



## Evaluation Assurance Level (EAL)

(As of August, 2010)



(All certificates issued until now are counted in this chart)

# 1. Recently Certified Products

## Product Types and Issuance of Certificates in Japan

(As of August, 2010)

| Product Type             | FY2007<br>Apr.'07-Mar.'08 | FY2008<br>Apr.'08-Mar.'09 | FY2009<br>Apr.'09-Mar.'10 | FY2010<br>Apr.'10-Aug.'10 | Total<br>(since FY2002) |
|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|
| OS                       | 1                         | 0                         | 0                         | 0                         | 2                       |
| Database                 | 4                         | 1                         | 2                         | 0                         | 13                      |
| Firewall                 | 2                         | 2                         | 0                         | 0                         | 6                       |
| MFP                      | 33                        | 34                        | 30                        | 13                        | 175                     |
| IC Card                  | 2                         | 3                         | 2                         | 0                         | 11                      |
| Application              | 0                         | 2                         | 0                         | 0                         | 3                       |
| Middleware               | 14                        | 12                        | 6                         | 1                         | 35                      |
| Document Management      | 0                         | 1                         | 0                         | 0                         | 2                       |
| Network Management       | 1                         | 0                         | 0                         | 0                         | 3                       |
| Network Device           | 2                         | 1                         | 0                         | 0                         | 3                       |
| Digital Camera           | 1                         | 0                         | 0                         | 0                         | 2                       |
| Financial Terminal       | 0                         | 1                         | 0                         | 0                         | 2                       |
| Biometric Authentication | 0                         | 1                         | 0                         | 0                         | 1                       |
| Library Software         | 1                         | 1                         | 0                         | 0                         | 3                       |
| Miscellaneous            | 0                         | 0                         | 1                         | 0                         | 1                       |
| PKI                      | 1                         | 0                         | 0                         | 0                         | 4                       |
| <b>Total</b>             | <b>62</b>                 | <b>59</b>                 | <b>41</b>                 | <b>14</b>                 | <b>266</b>              |

## 1. Recently Certified Products

# Recent Certificates Examples (1)

(Certificates issued  
since August 2009)

### MFP Related Products

✓ **RICOH COMPANY, LTD.**

*Ricoh imagio MP 5000SP/4000SP with security card Type 9  
(IEEE std.2600.1 PP conformant)*

✓ **Konica Minolta Business Technologies, Inc.**

*bizhub C652 / bizhub C652DS / bizhub C552 / bizhub C552DS  
/ bizhub C452 / ineo+ 652 / ineo+ 652DS / ineo+ 552 / ineo+ 452  
/ VarioLink 6522c / VarioLink 5522c / VarioLink 4522c Control Software*

✓ **Sharp Corporation**

*MX-FR14*

✓ **Fuji Xerox Co., Ltd.**

*Xerox WorkCentre 7120*

✓ **RISO KAGAKU CORPORATION**

*RISO Security Package*

## 1. Recently Certified Products

# Recent Certificates Examples (2)

(Certificates issued  
since August 2009)

### Smart Card Related Products

✓ FeliCa Networks, Inc.

*Mobile FeliCa IC chip firmware (T6N Version)*

### Application Server Compliant to J2EE

✓ Hitachi, Ltd.

*uCosminexus Application Server*

### Information Leakage Prevention Software

✓ Humming Heads, Inc.

*Security Platform evolution /SV CC for MS-Windows 7*

### Protection Profile

✓ Ministry of Foreign Affairs, Japan

*Protection Profile for a Passport Booklet IC with Active Authentication*

## 2. Tax Deduction and Procurement Policy for IT Security Products

### Tax Deduction Policy

- 1) Target Products: Following CC certified Products
  - Operating System for Server, **Virtualization Software**
  - Database Management System
  - Firewall, **IDS, IPS, WAF** etc.
- 2) Focus on Small and Medium Business Companies in 2010.  
Policy focused deployment of CC certified products in SMB companies.

### Procurement Policy

- 1) Government Procurement Policy recommends CC certified Products for Important Information systems but it is not mandatory.
- 2) Economic Environment after Lehman shock discouraged Vendors to apply CC evaluation.
- 3) New policy for certain products which security functional and assurance requirements are defined in protection profile should be enforced.

### 3. New Trend of CC Certification in Japan

#### New Trend for JISEC

- 1) Smart Chip Evaluation has started in JISEC with METI's Initiative.
- 2) New Success story for Entrepreneur:  
IT Security Venture Companies acquired their trust with customers, such as Large Enterprises and Government, by means of CC certification.  
Reference: 11<sup>th</sup> ICCO, Track : A2-Experiences, ID 3  
"CC promotion activity to new area - Japanese experience - ,  
Hidehiro Yajima, September 21, 2010
- 3) New Guidance for Developers to provide appropriate deliverables for evaluation will save Costs for CC Evaluation.

### 3. New Trend of CC Certification in Japan

## Smart Chip Evaluation Update

#### Established security evaluation scheme in Japan

Our Achievement:

- 1) Introduced Equipments for Smart Chip Evaluation.
- 2) Encouraged Education and Training for Smart Chip Evaluators.
- 3) Started Trial Evaluation for Accreditation of Evaluation Facility in Smart Chip area.

#### Action Plan

- 1) Will verify Smart Chip Evaluation through Trial Evaluation.
- 2) Will develop the Test Vehicle for Smart Chip Evaluation which is useful to qualify evaluators and to educate evaluators besides.

### 3. New Trend of CC Certification in Japan

## Achievement and Ongoing Activities in

**2010**

### ➤ To help effective evaluation

- ✓ Preparing Guidance documents for Developers regarding Security Architecture, etc. to provide appropriate deliverables for evaluation effectively.

### ➤ Stable demand, evaluation for Multi Function Products

- ✓ Providing Research Report for MFP Vulnerabilities and potential attacks, CC evaluations for MFPs including the products conformant to the IEEE 2600.1 Protection Profile support JISEC.

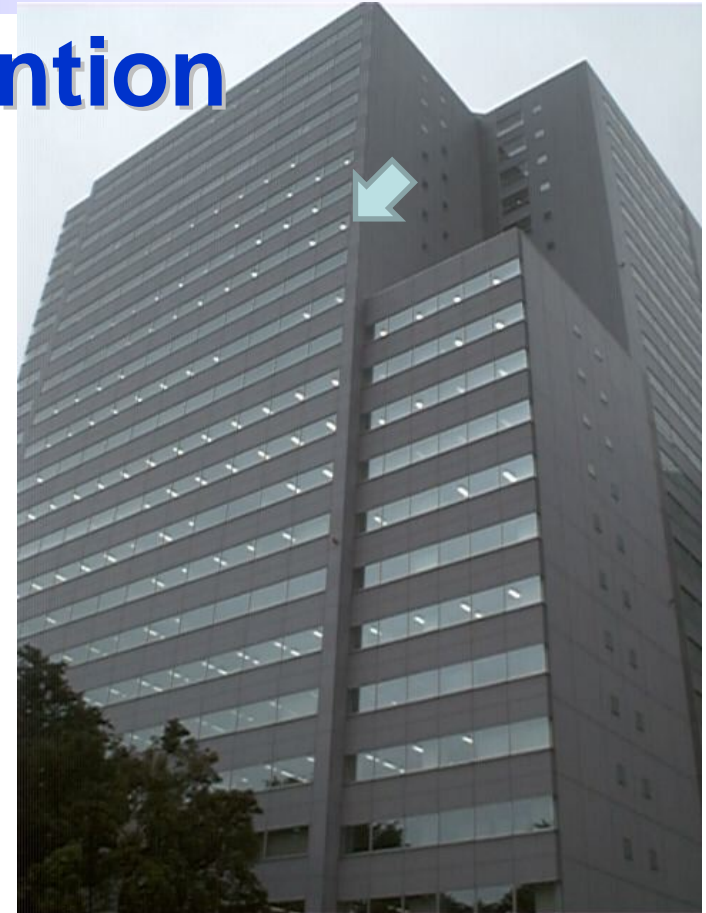
### ➤ To support Government Procurement for IT security systems

- ✓ To Promote deployment of CC certified products to Governmental organization progressively.
- ✓ To Clarify the cases that CC certified products will be required in the Standards for Information Security Measures for the Central Government Computer Systems.

# Thank you for your attention

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## JISEC Information

URL:

English: [http://www.ipa.go.jp/security/jisec/jisec\\_e/](http://www.ipa.go.jp/security/jisec/jisec_e/)

Japanese: <http://www.ipa.go.jp/security/jisec/>