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# *Japan's IT Security Evaluation*

March 29th, 2001

Office of IT Security Policy  
Ministry of Economy, Trade and Industry, Japan

# METI's Information Security Policy

## UNAUTHORIZED COMPUTER ACCESS/USE

R&D (IPA, etc.), New Legislation / Guidelines,  
Reporting (IPA & JPCERT/CC)

## COMPUTER VIRUSES

R&D (IPA,), Guidelines  
,Reporting (IPA)

## CRITICAL INFRASTRUCTURE PROTECTION

R&D (IPA, etc.), Cooperation with Cabinet related Office

## CRYPTOGRAPHY

R&D (IPA,etc.), Evaluation (Cryptrec), Export Control(Export Control Div.)

## IT SECURITY EVALUATION (CC; ISO/IEC 15408)

R&D (IPA, JEITA etc.), Training/HR Development, Scheme Preparation (NITE etc.)

## SECURITY MANAGEMANT

Voluntary accreditation scheme for IPS providers, Preparation to incorporate BS7799 (ISO/IEC17799) into JIS, Human Resource Development (National Exam. for IT experts)

## SYSTEM AUDIT

Guidelines, Voluntary registration scheme for system auditing firms

# Japan's Activities in Security Evaluation

## (Stage1)

Participation to the discussion in ISO/IEC SC 27 WG3

Study of security functional requirements (JEIDA)

Development of new security evaluation methodologies (JEIDA & IPA)

## (Stage2)

**Establishment of  
Common Criteria Task  
Force (CCTF) in IPA  
(May 1998)**

Preparation of documents for security evaluation

Development of security evaluation tools

Experimental security evaluation

ISO/IEC 15408 into JIS(Published July 2000)

## (Stage3)

Training Program (From April 2000)

**Evaluation Start**

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## **Building Secure e-Government**

**Japanese Government has started to build e-Government by FY2003 as a booster for IT revolution.**

**Information Security is an essential factor for the success of the project.**

**Confidence for the IT products, as well as application of protection measures is necessary.**

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## New Scheme will launch from FY2001

METI will start in **FY2001** the evaluation and certification scheme, according to CCR, for government use to promote secure e-Government.

Concerning the scheme, **NITE** (National Institute of Technology and Evaluation) is in charge of certification. Several ITSEFs will be accredited.

METI also plans to participate in CCR as one of the Certificate Authorizing Participants **before FY2003**, the target year of building e-Government.

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# Our New Scheme

**METI**

Oversight (as a sponsor)

**NITE** (National Institute of Technology and Evaluation (Governmental organization))

- Accreditation of ITSEFs
- Operation in accordance with ISO/IEC 17025 (Business Person Unit)

**Accreditation program**

- Operation in accordance with ISO/IEC Guide 65
- Certification of evaluation results
- Technical oversight of ITSEFs
- maintenance of evaluation and certification / validation rules and scheme
- Cooperation with IPA

**Certification/Validation program**

Application

Accreditation

Evaluation  
Technical  
Report

Technical  
Oversight

Application for  
Certification/  
Validation

Certificate

**ITSEFs**

- Evaluation according to ISO/IEC15408

Consultation  
Evaluation

Application for  
evaluation

**IT Product/ System (PP)  
Manufacturers, Vendor or Users**



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## Further Activities

### Development of Evaluation Techniques / Tools

- More cost-effective evaluation techniques and tools
- System evaluation methods

### Development of Human Resources

- Training programs for software/hardware developers and evaluator
- Program participants will be over 300 this FY. Continued in next FY

### Promotion of the use of IT Security Evaluation by CC

- Information dissemination to the private sector
- Government-Wide Guidelines for the use of Evaluated Products

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## Contact

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