

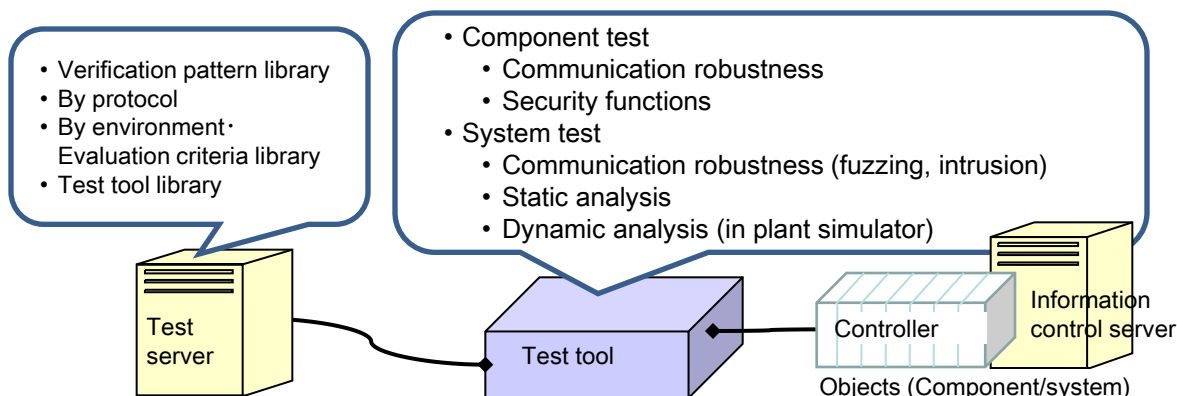
# 11. Major implementation plans

## (1) System security verification

### ■Objectives

To provide the latest security verification tools for system components

- To Develop and share security verification tools for components and systems.
- To save and share security verification patterns
- To verify connectivity

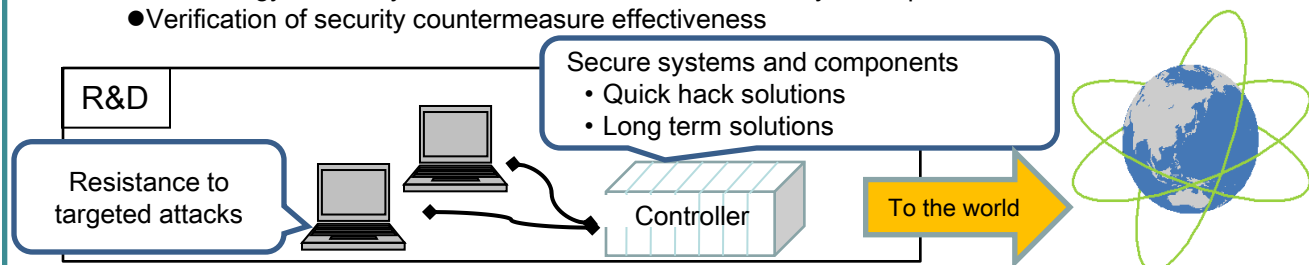


## (2) Establishment of structures and technology to enhance security

### ■Objectives

To develop secure structures and technology originated in Japan which will meet control system requirements (performance, stability, long-term lifecycle, compatibility with legacy systems and standards etc.)

- Secure structures and technology (encryption, authentication, key management, safety operation, specification description, verification, multiplexing etc.) for wide-area cooperative control in control systems and Smart City (Open Network)
- Technology to identify incident areas linked with control system operations
- Verification of security countermeasure effectiveness

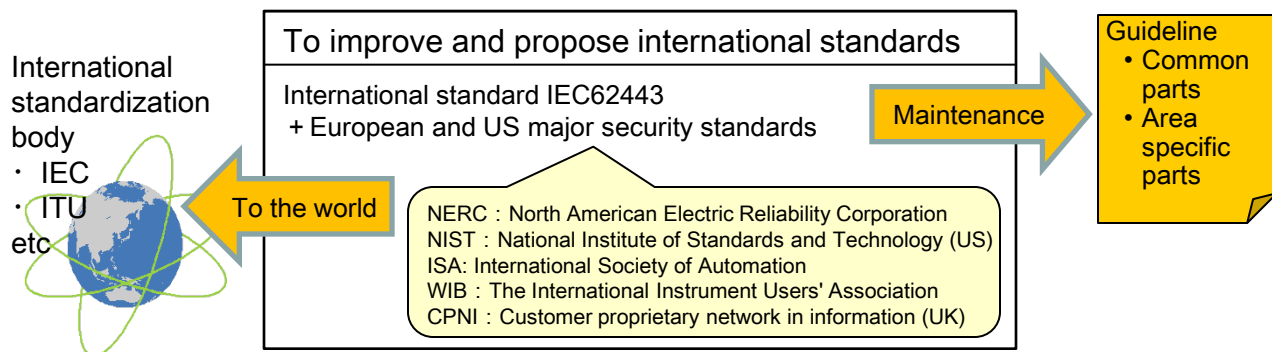


## (3) Security international standard

### ■Objectives

To take an initiative in security international standardization

- To ensure early acquisition of international standard proposals
- To make the first move to propose international standard plans (based on development technology)
- To formulate standard guidelines from security-related standards

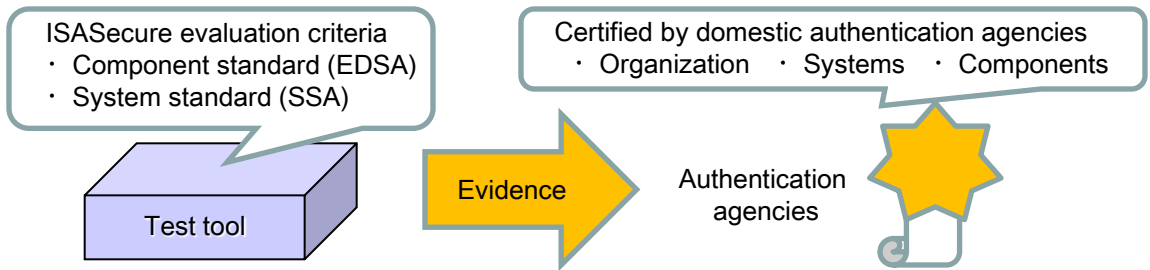


#### (4) International standard compliance certification

##### ■Objectives

To shorten the time to acquire international certificates based on the evaluation criteria by third parties

- Certification linked to test tools
- Short period (low cost) of certification linked to domestic authentication agencies

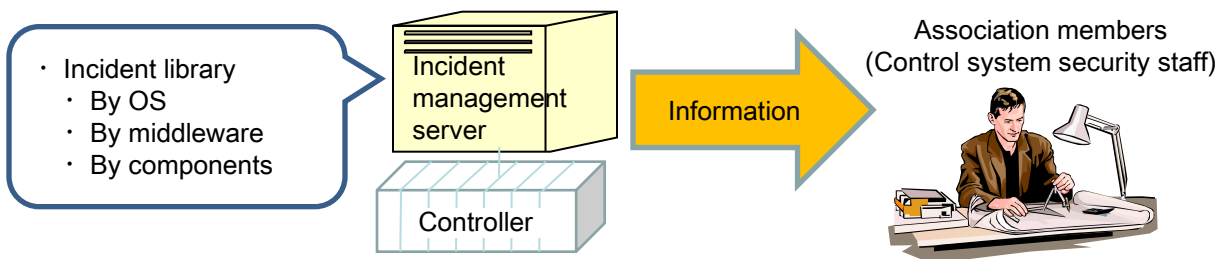


#### (5) Incident support

##### ■Objectives

To support incident handling related to control systems

- To provide manuals of incident handling
- To develop and offer application environments of incident libraries
- To support association members with incident handling (including on-sites)

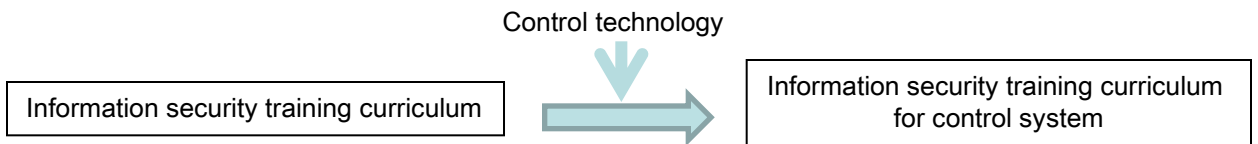


#### (6) Human resource development

##### ■Objectives

To conduct security training including simulations for control system engineers

- Training of security construction with assumption of control systems
- Training of troubleshooting with assumption of control systems



#### (7) Promotion

##### ■Objectives

Demonstration of security alert and the effect of security countermeasures

- PA system
- FA system
- Wide-area cooperative systems

