

"Control System Security Center
Tohoku Tagajo Headquarters Opening Symposium"

JPCERT **CC**®

Panel Session:
ICS Security and International Collaboration

Activities of ICS Security in JPCERT/CC

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- **J**apan **C**omputer **E**mergency **R**esponse **T**eam **C**oordination **C**enter
 - Founded in 1996
 - An independent, non-profit organization
 - **National CSIRT** (Computer Security Incident Response Team)
 - **Coordination center**

- JPCERT/CC, as a **national CSIRT**, monitors computer security incidents at a national level, identifies and handles incidents that could affect the economy and critical infrastructures, and warns critical stakeholders and the nation about computer security threats.

- JPCERT/CC, as a **coordination center**, provides technical support in response to computer security incidents through coordination with other local and overseas CSIRTs.

Overview of JPCERT/CC

- 3 pillars and 4 foundations -

Prevent - Vulnerability Information Handling

- Coordinate with developers on unknown vulnerability information
- Secure Coding

Monitor - Information gathering / analysis / sharing

- Internet Traffic Monitoring

- Alerts / Advisories

Respond - Incident Handling

- Mitigating the damage through efficient incident handling
- Information sharing to prevent similar incidents

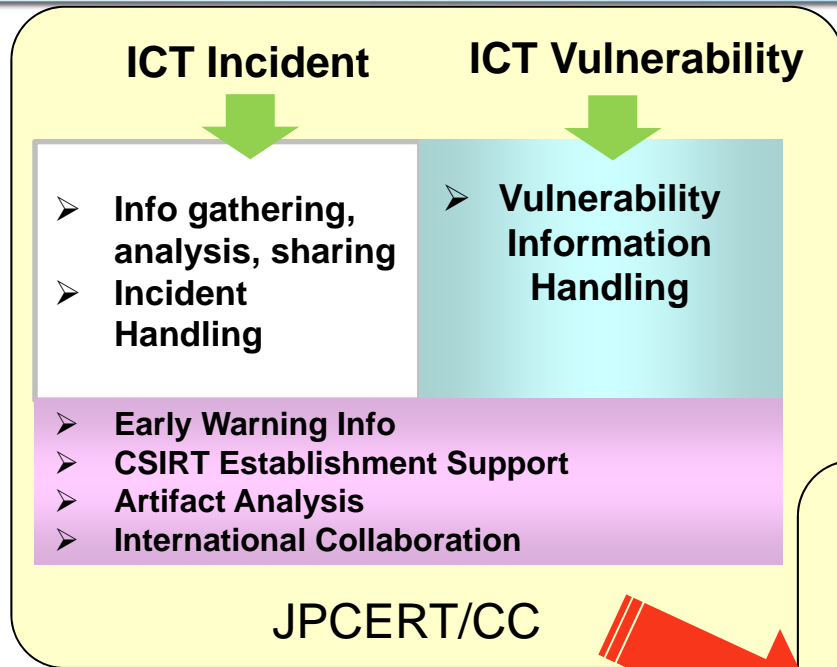
Early Warning Information
Information sharing with critical infrastructure enterprises, etc.

CSIRT Establishment Support
Capacity building for internal CSIRTs in enterprises / overseas national CSIRTs

Artifact Analysis
Analysis on attack methods / behavior of malware (unauthorized program)

International Collaboration
Collaboration with overseas organizations for smoother handling of incidents and vulnerabilities

ICS Security Response Group in JPCERT/CC

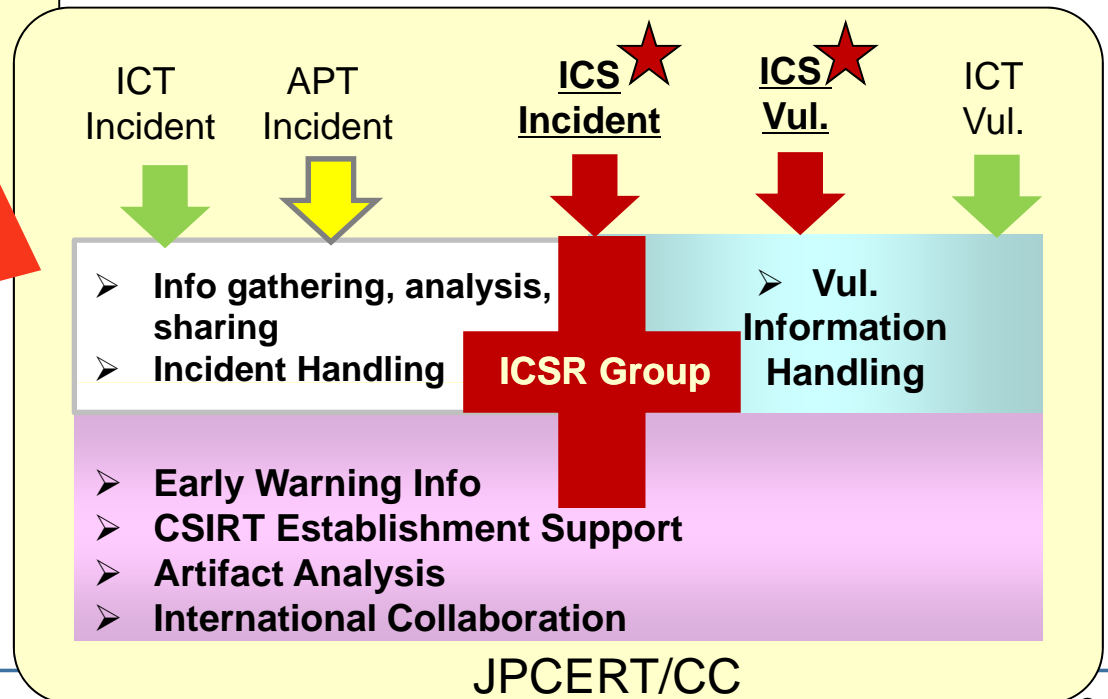


- ✓ JPCERT/CC has been reorganized to handle ICS incidents, in addition to ICT incidents.
- ✓ ICSR Group* was created and integrated into the existing platform

*ICSR Group : Industrial Control System (ICS) Security Response Group

Major Activities of ICSR Group:

- Incident Response:
Supportive services for asset owners
- Vulnerability Handling:
Effort to minimize/mitigate vulnerability in ICS products



Thank you for your attention

■ ICS incident reporting

- [Japanese Only] <https://www.jpccert.or.jp/ics/ics-form.html>
- [English & Japanese] icsr-ir@jpccert.or.jp

■ ICT (non-ICS) incident reporting

- [Japanese Only] <https://www.jpccert.or.jp/form/>
- [English & Japanese] info@jpccert.or.jp

■ ICSR Group contact

- [English & Japanese] icsr@jpccert.or.jp

■ Other general inquiries

- [English & Japanese] office@jpccert.or.jp