

## **JPCERT/CC Activities Overview Topics**

**July 1, 2022 - September 30, 2022**



**JPCERT Coordination Center  
October 26, 2022**

**Activity Overview Topics****—Topic1— JPCERT/CC launches a serial on “learning about ICS security from standards”**

The IEC 62443 series of international standards on the security of industrial control systems (ICS) are drawing increasing attention among stakeholders. These standards comprise more than a dozen volumes that are given two levels of volume numbers. They discuss ICS security from various perspectives, such as countermeasures for ICS components and methods of ICS security management. Currently, work is underway to develop new volumes and revise existing volumes, and discussions are slated to begin on the possible application of the standards to automatic control systems for non-industrial applications. In fact, IEC 62443 is already being referenced in some cases with medical equipment, for example.

Among past presentation materials for JPCERT/CC's annual ICS security conferences, those related to IEC 62443 are still being downloaded by many people, and the topic is often brought up in daily exchanges of information. On the other hand, some people say that while they know about the IEC 62443 series of standards, they feel intimidated by the sheer number of volumes and have not tried to understand and use them.

The IEC 62443 development group has begun the task of reviewing the volumes compiled over the years to organize the concepts defined in them and check for consistency. JPCERT/CC thought this might be a good timing to start a serial titled "Learning about ICS Security from Standards," in which we discuss key security concepts defined in IEC 62443 one by one, hoping that it helps those on the front line to understand the concepts and facilitate their adoption in practice. We intend to make this serial a light read rather than a serious, rigorous guide to the standards, and hope that the readers will find them useful.

Learning about ICS Security from Standards (Japanese)

<https://www.jpCERT.or.jp/ics/information07.html>