

INTERNATIONAL

The International Subgroup addresses the growing need for international coordination to manage cyber risk in control systems environments both domestically and abroad. Key responsibilities include:

- Preparing a comprehensive “players” manual of international Computer Emergency Response Teams (CERTs) and their organization’s contact and focus information;
- Preparing a communications plan for international collaboration;
- Documenting available collaboration tools, including a gap analysis to identify needed enhancements; and
- Identifying international document handling/ classification standards and performing a feasibility study to develop a common lexicon.

RESEARCH AND DEVELOPMENT

The Research and Development Subgroup facilitates communication between ICS stakeholders and the research and development community to ensure effective focus for research and development initiatives and associated funding. Key responsibilities include:

- Documenting current and planned projects with associated details, timelines, and stakeholders involved;
- Documenting results of an ICS research and development needs assessment; and
- Preparing a requirements document for sharing sensitive information, including an ultimate recommendation as to whether or not a new tool is needed.

ROADMAP TO SECURE INDUSTRIAL CONTROL SYSTEMS

The Roadmap to Secure ICS Subgroup creates a strategic plan to address the high-level management of cyber risk within control systems environments. The first version of the Roadmap was released in September 2011. Key responsibilities include:

- Documenting common threads for ICS challenges, priorities, and objectives across all infrastructure sectors for input to the ICS Roadmap;
- Performing a gap analysis to identify areas that need to be addressed; and
- Demonstrating a common vision and way-ahead for ICS security for all sectors.

VENDOR

The Vendor Subgroup addresses challenges and discusses issues related to managing risk associated with control systems products and services. The Subgroup also works to identify ways to improve collaboration and information sharing between vendors, owners, operators, and other organizations involved in securing ICS. Key responsibilities include:

- Developing white papers pertinent to the ICS community, including the Vulnerability Disclosure Paper and the Cross-Vendor Position White Paper;
- Documenting stakeholder groups, challenges, and equities; and
- Preparing recommendations that address all ICS groups and areas of concern.

WORKFORCE DEVELOPMENT

The Workforce Development Subgroup addresses challenges and priorities related to personnel awareness of cybersecurity issues within control systems environments and the development of skills for more effective cyber risk management. Key responsibilities include:

- Performing a gap analysis of control systems security workforce capabilities and development opportunities;
- Preparing a feasibility study for a control systems security certification program;
- Developing knowledge domain areas for a certification program; and
- Developing a control systems security workforce outreach plan.

ABOUT CSSP

DHS created the National Cyber Security Division’s CSSP to reduce industrial control system risks within and across all critical infrastructure and key resource sectors.

For more information,
visit www.us-cert.gov/control_systems.