

Hardening And Cyber Documents And Services

With CCC's project cybersecurity services, our experts will work to ensure that mission critical devices comply with cybersecurity requires while retaining their functionalities.

Overview



Feedback

Protection, reporting and compliance without compromise

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Building effective cybersecurity defense requires collaboration between asset owner, system integrators, and product suppliers. A wide range of CCC's cybersecurity services help you achieve compliance with ISA/IEC 62443 series of standards.

What Is It?

Hardening is an effective way of preventing misuse and exploitation of a system by reducing its attack surface. It is also a frequent cause of functionality and usability issues when hardening measures are applied without consideration for operations.

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How Does It Work?

Depending on the project requirements, CCC can provide any of the following services.

Digital Integration and Cybersecurity Procedures

CCC reviews project requirements and prepares compliant system configuration procedures.

- Role-Based Access Control
- Account Management
- Time Synchronization
- Antivirus Protection Guidelines
- Patch Management Guidelines
- Network Monitoring Guidelines
- Backup and Restoration Guidelines

System Hardening

CCC implements hardening measures and tests system for security and functionality.

- Antivirus Protection

- Application Whitelisting
- User Account Inventory
- Software Inventory
- Group Policy Settings Review and Implementation
- Services Restriction
- Inbound and Outbound Firewall Rules Restriction

Operational Documents

CCC generates plans and procedures to be incorporated into operational documents.

- Asset Inventory
- Incident Response Plan (Emergency Disconnect)
- Disaster Recovery Plan (Backup and Restoration)

Cybersecurity FAT

CCC demonstrates compliance to users at Cybersecurity Factory Acceptance Test (FAT).

- Protection and Update Check
- System Functionality Check
- Operational Procedure Check
- Specification Compliance Check

What Problems Does It Solve?

- Improves Security: Additional system hardening measures and security procedures help improve cybersecurity of ICS environments.
- Reduce Project Risks: Reviewing and testing security configurations well ahead of critical project milestones help avoid costly delays and project rework.



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