

CCE Industrial Cyber Security

Total Site Security from Device to Internetwork

Executive suites are increasingly concerned about their office and customer data being exposed to hackers, but are not aware that their manufacturing and process systems are equally as exposed. System downtime can lead to hundreds of thousands in lost revenue, and tens of thousands in repair. CCE offers a comprehensive industrial security offering to harden your system while still allowing critical information access across networks.

Features

- Expert reviewed security audits and best practice recommendations
- Control System experts maintaining Controls / IT roles
- Regular managed patches, updates, upgrades and audits

Advantages

- A team of experienced PLC and DCS Programmers, Network Engineers, and Security Specialists
- Understood delegation of Control Networking and IT Networking and ability to work with both.
- Regularly scheduled system maintenance to stay up to date on latest security holes, End Point Protection, and best practices for ever evolving threats.
- System backups and restore points for disaster recovery, minimizing downtime and capturing set point changes if an incident should occur.

Business Impact

Dramatically Reduced Risk – Proactive implementation of best practices and education for your team to provide best in class security. Enable defenses making your system not worth the effort to hack compared to unprotected systems.

Secure Remote Access – A well protected system that enables your operators and managers to access their site remotely to take immediate action on process upsets. Secured data access to manage all nodes of your system from a centralized location to optimize your processes.

Protected Business Level Reporting – Open a defended access point to obtain critical data for accounting and the executive suite faster without compromising on plant level security.

Did You Know?

A majority of US control systems still have at least one node of unsupported OS running including Windows NT, XP, or 7. with documented, unpatched security holes.

Increasing Threats

With each passing year, record numbers of hacks occur and grow more sophisticated. All of these threats can lead to:

- Revenue loss from downtime
- Hacker Payoffs to Decrypt
- Regulatory fines for missing historian data
- Engineering Time restoring Control Scheme Updates
- Operational Inefficiency due to unsaved tuning settings

Disgruntled Employees

Shared and default passwords, exposed USB and Networking ports are all easy ways for an employee to 'get even' and take down your system.

Packet Spoofing

Outsiders can access your network through wireless or wired signals and send false information to processors causing interrupts or damage

Ransomware

WannaCry and NotPetya captured headlines, while LockerGoga and Stuxnet specifically targeted manufacturing and Industrial systems.



Industrial Focused Solutions

Your control systems can't just use off the shelf End Point Protection or firewalls. Extreme precaution must be taken to ensure that implementing new technology doesn't lead to an unexpected shut down. Further, our team of experts includes I+C Techs, System Integrators, and Control System Engineers to ensure your process and discrete controls are optimized.

Services

Right sized engagements from initial audit, through implementation to on-going managed services and site education.

- Security Audits
- Breach Detection
- Endpoint Protection
- Anomaly Detection
- Network Security
- Device Security
- Patch Management
- Disaster Recovery
- Security Policy Implementation
- Physical locking of ports, Jboxes, and buildings

Best In Class Implementation

Apply industry standards to your control system for the highest level of protection.

- IEC 62443
- ISO 27001
- NERC CIP
- UL 2900
- NIST SP-800-82

Get your FREE Industrial Security Assessment Today!

Score your facilities security plan, get complimentary recommendations, and outline an implementation and maintenance plan.

www.Convergence-CE.com

Turn Key Solutions

Owner's Rep - Allow us to act on your behalf with your IT department, operators, and vendors to gather information and implement necessary improvements.

Procurement and Installation – Focus on your day to day fires and long-term objectives while we design, purchase, integrate and commission updated equipment and software – perfectly designed for your system.

Operator and IT Training – The most secure systems stem from an educated and integrated workforce. Use us less and empower our people to enforce and maintain safety programs.

Solutions to Compliment

CCE offers a full complement of engineering, controls, and integration services. Ask us today about these and other offerings.

- Control System Design, Implementation, and Maintenance
- Control Strategy Audit
- Custom Skid and Panel Fabrication Services
- Metrology Services
- 24 Hour Remote Support Services