

Cyber Security Services for Manufacturing



Improving Supply Chain Integrity and Resiliency

As organizations modernize the shop floor, they must also take proactive measures to identify and manage cyber security risks.

Concurrent Technologies Corporation (CTC) – a nonprofit, professional services organization – understands the unique challenges of today’s increasingly digital manufacturing environment. CTC’s Cyber Security Services incorporate industry best practices, more than two decades of real-world experience, and diverse expertise gained through our work with the defense industrial base and intelligence communities. Our defense-in-depth strategy focuses on technology, people, policies, and practices to comprehensively assess and improve your security profile.

What CTC Can Do For You

CTC offers the following services to manage cyber risks and improve the confidentiality, integrity, and availability of your processes, products, and information:

- ✓ Technical Consulting to address identified cyber security gaps
- ✓ Network Vulnerability Assessments using our custom toolbox and integrated action reports
- ✓ Incidence Response planning and consulting
- ✓ Cyber Awareness Training for leadership, operations, and end users

The increasingly inter-connected nature of processes, machinery, information systems, and mobile devices in the lab and on the shop floor expose organizations to a new level of cyber security threats.

INTELLECTUAL
PROPERTY
THEFT
DISRUPTION
SABOTAGE
DATA
CORRUPTION

In partnership with Catalyst Connection and the Pennsylvania Industrial Resource Center (IRC) Network, CTC developed a tailored cyber security assessment methodology for small- and medium-sized manufacturing enterprises. The IRCs continue to vet this approach and build upon best practices with each assessment. Direct benefits include:

- Strengthening the first line of defense through greater employee awareness
- Independent assessment of third party services
- Specific recommendations for continuous improvement
- Increased compliance with new federal contracting requirements

“The day after a cybersecurity assessment, the client had a security question arise – one that they probably would not have flagged prior to the visit. With CTC’s help they responded appropriately and were able to avoid considerable costs and issues. They were very pleased.”

- Ed Wagner, Regional Director



Our comprehensive assessment strategy is built around the following critical security control domains:

- ✓ Inventory of hardware/software assets
- ✓ Configuration assessment of mobile devices, laptops, workstations, and servers
- ✓ Configuration assessment of network infrastructure, boundary defense
- ✓ Vulnerability assessment and remediation
- ✓ Maintenance, monitoring, and analysis of audit logs
- ✓ Malware defenses
- ✓ Application software security
- ✓ Remote access/wireless access controls
- ✓ Data protection/recovery capability
- ✓ Cyber awareness training
- ✓ Controlled use of administration privileges, controlled access based on need to know, account monitoring and control
- ✓ Incident response and management
- ✓ DFAR/ITAR compliance

For more information contact:

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