Cybersecurity Solutions at Concurrent Technologies Corporation

Concurrent Technologies Corporation's (CTC's) experts are nationally recognized, trusted providers of advanced cyber solutions.

Our Mission is Securing Your Mission

CTC offers cybersecurity professional services and advanced information technology solutions to both public and private organizations.

Our clients benefit from our:

- Technical innovation – CTC invests heavily in identifying and building the future of technology. CTC was the first FedRAMP accredited cloud provider and continues to lead the way for government and commercial clients to migrating and securing cloud operations.
- Commercial industry and government expertise – As a nonprofit sitting at the intersection of academia, government, and private industry, CTC can uniquely provide the best products and research to meet your organization's needs.
- Professional excellence – As a research and development organization, CTC focuses on building and providing best-of-breed services to put your organization at the forefront of technology.

The CTC team offers strategic level (CISO, Boardroom) planning assistance, cyber training capabilities, assessment services, and incident response planning capabilities.

CTC has skilled personnel throughout the country to provide cyber support services that allow our clients to exceed their cybersecurity goals.

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CTC's Cybersecurity Solutions

Industrial Control Systems (ICS) Cybersecurity

CTC offers services to manage cyber risks and improve the confidentiality, integrity, and availability of digital manufacturing processes, products, and information. Services include technical consulting to address identified cyber security gaps, network vulnerability assessments, incident response planning and consulting, and cyber awareness training.

CTC's focus is customer driven, avoiding immediate recommendations for purchasing expensive tools; focusing instead on leveraging existing technologies for initial high return on investment and lower-effort security controls. Along with decades of experience, our team members have industry-leading certifications such as the GIAC Response and Industrial Defense (GRID) and GIAC Industrial Cyber Security Professional (GICSP). CTC services include ICS/Supervisory Control and Data Acquisition (SCADA) inventory and vulnerability assessments according to NIST 800-82, developing and validating Risk Management Framework (RMF) packages, physical site assessments, and defensible ICS security architecture design and implementation according to industry best practices.

Supply Chain Cyber

In addition to traditional compliance assessments, CTC has invested significant research and development into the emerging threats posed through the cyber security supply chain. Modern supply chain attacks have become a major threat to large industry and governments. Multiple recent high-profile breaches have demonstrated the importance of understanding the risk that third-party suppliers pose to the organization. CTC has developed risk management and assessment methods to enable clients to visualize the cyber security posture of third-party organizations in their supply chain dynamically. We accomplish this through a combination of our cybersecurity professional services and in-house developed solutions to create a risk picture.

Cloud Computing Security

As organizations continue the mass migration of applications and data to the cloud, CTC will help ensure that confidentiality, integrity, and availability remain constant. We can also assist with the DoD Cloud Computing Security Requirements Guide (CC SRG) and Federal Risk and Authorization Management Program (FedRAMP) authorization processes. We have the real-world experience, skills, and record of performance to recommend the best approach in support of FedRAMP accreditation.

CTC's Cybersecurity Solutions

Cross Domain Solutions

Cross Domain Solutions (CDS) play a critical role in protecting sensitive information across multiple security domains. Each CDS deployment is unique, requiring tailored solutions that meet specific mission requirements and security standards. The complexity of integrating and maintaining a CDS, along with the high risks of potential data breaches, demands a comprehensive and methodical approach to implementation.

CTC has over 20 years of experience in the design, development, deployment, and sustainment of secure CDSs. As an industry leader working alongside U.S. government partners, CTC specializes in creating robust, compliant, and optimized systems to support mission success. Our experts refine security requirements and threat mappings, ensuring strong cybersecurity postures.

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Cybersecurity Compliance and Assessment

The need for strong cybersecurity measures to protect sensitive government data has never been more urgent. Data breaches, cybercrime, and government requirements for safeguarding covered defense information and cyber incident reporting drive the need to strengthen and document internal controls over a company's IT Infrastructure. CTC's security team members have significant experience providing technically deep, rigorous compliance assessments because of our experience building the underlying security technologies to meet compliance requirements. Our certified team members have assessed the security of multiple environment types including cloud, on-premise, and hybrid environments. CTC can significantly help reduce the stress and time to become compliant by:

- Helping with strategy development
- Performing discovery of amount and location of Controlled Unclassified Information (CUI)
- Providing assessments and audits
- Developing employee awareness training products
- Creating a System Security Plan (SSP)

Our capabilities in this area include both assessments and assessment preparation according to the **NIST 800-53, NIST 800-171**, CIS Critical Controls, supply chain cyber security, and **Risk Management Framework (RMF)**.

Concurrent Technologies Corporation

Concurrent Technologies Corporation (CTC) is an independent, nonprofit, applied scientific research and development professional services organization. CTC collaborates with its technology transition affiliate, Enterprise Ventures Corporation, to leverage research, development, test and evaluation work to provide transformative, full life-cycle solutions. To best serve our clients' needs, we offer the complete ability to fully design, develop, test, prototype and build. We deliver robust, technical, and innovative solutions that safeguard our national security, retain U.S. technological advantage, and ensure the primacy of American manufacturing.

Quality Commitment | Concurrent Technologies Corporation

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