Concurrent Technologies Corporation’s (CTC’s) IT solutions are at work in high-level, high-priority areas of the U.S. Intelligence Community and Department of Defense. We deliver these solutions through our talented people who are intellectually curious and constantly creating new ideas that provide value. When you choose CTC, you receive personal, direct attention and solutions that really work. We develop software and systems, but also leverage and integrate others’ technology to solve tough problems. As a nonprofit, we have the freedom to innovate and deliver solutions without bias or a need to meet shareholder expectations. The only bottom line that matters to us is yours.

We develop and integrate leading-edge Information Technology (IT) solutions that are creative, cost-effective, and tailored to your needs.

Concurrent Technologies Corporation
Information Technology Solutions

Agile Software Development

We employ agile software development to deliver custom software solutions faster--and more importantly--to ensure you get a solution that works. Agile software development enables systems to evolve through a collaborative process. We have certified Scrum Masters, Scrum Developers, and Scaled Agile Framework (SAFe) experts as well as a myriad of open source software to quickly tailor an approach that works for you.

Cloud Architecture and Security

Our team has deep knowledge of current and emerging cloud architectures. We understand security and performance issues as you migrate to the cloud. From development of the first FedRAMP-compliant Software as a Service (SaaS) to our efforts to deploy complex capabilities in the U.S. Government’s classified cloud environment, we offer clients a range of cloud development and security expertise.

Cybersecurity

We have expertise to protect and defend your data and networks against exposure or compromise so you can focus on your strategic business or mission goals. Our experts develop cross domain solutions to securely exchange information across different levels of security, perform NIST Cyber Framework based risk assessments, support system authorization and assessments (A&A), and develop secure cloud environments. Find out about the broad and wide-ranging variety of cybersecurity services we offer.

Representative Solutions

- Cognizen e-learning Content Development Tool
- Language Readiness Index Tool
- Reactive Information Propagation and Planning for Lifelike Exercises (RIPPLE)
- Total Life Cycle Management-Operational Support Tool
- Cloud Development
  - Cloud Migration Services
  - FedRAMP Authorization
- Cybersecurity for the Cloud
  - Amazon Web Services and Commercial Cloud Services Environments
- Cybersecurity for Manufacturing
  - Cross Domain Solutions
  - Vulnerability Assessments
  - Risk Assessments
  - Cloud Security
  - Awareness, Education and Training
  - Advanced Guard for Information Security (AGIS)
Big Data Management and Analysis

Many of our efforts involve integrating complex information and developing optimized business processes. We work on a range of environments—from big data solutions that deal with challenging volume/velocity/variety issues to relational and graph databases for a specific problem. We engineer these solutions to fit your needs to make faster and more accurate decisions.

Machine Learning and Automation

Machine learning is an emerging area of expertise at CTC where a form of artificial intelligence (AI) is applied to enable systems to get smarter or "learn" over time without the need to reprogram. We are working on applications that assist analysts with task automation and collaboration, and technology to enable more accurate event predictions and decision making. This capability offers high potential for providing you with enhanced decision making and alerting solutions.

Visualization and Mixed Reality

We work across a range of 2D, 3D, and 4D (includes time) visualization environments and virtual/augmented reality technologies to develop solutions that fit your needs. This includes simple "point and click" user interfaces up to more advanced environments that "immerse" the user through virtual reality or overlay the real-world with information through augmented reality.

Representative Solutions

Assessing Data Needs
Integration of Existing Databases into Software Products
Relational/Graph Databases
Semantic Data Storage Solutions
Big Data Solutions

Artificial Intelligence
Task Automation and Collaboration
Enhanced Decision Making and Alerting
Next-Generation Analyst Environments

Visualization (2D, 3D, 4D)
Augmented & Virtual Reality
Digital Tour Guide
Immersive/Gaming Environments
Concurrent Technologies Corporation (CTC) is an independent, nonprofit, applied scientific research and development professional services organization. Together with our affiliates, Enterprise Ventures Corporation and CTC Foundation, we 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 support our clients’ core mission objectives with customized solutions and strive to exceed expectations.

CTC’s quality management system is certified to the ISO 9001:2015 and AS9100D:2016; CTC’s environmental management system is certified to 14001:2015.

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