Energy, Resilience & Sustainability

Providing innovative solutions to complex energy security and resiliency issues

Concurrent Technologies Corporation (CTC) understands critical infrastructure challenges and serves as an objective advisor to analyze, evaluate, and inform decisions regarding strategic alternatives. We counsel clients on the development of utility-related policies; design and implement effective decision support tools; and provide ongoing comprehensive support to ensure long-term success of programs.

Capabilities

- Comprehensive Energy and Sustainability Implementation
- Critical Infrastructure Planning and Engineering
- Decision Support and Data Analysis
- Policy, Planning and Advisory Support

CTC *Concurrent Technologies Corporation*

Comprehensive Energy and Sustainability Implementation

Setting Strategic Goals to Achieve Realistic Results

CTC has extensive and proven expertise in implementing energy and sustainability initiatives. Our experienced professionals have supported Marine Corps headquarters, regions, installations, and contingency bases in the collection and analysis of utility infrastructure, mission assurance, and cost metrics. By identifying opportunity areas, researching courses of action, and completing initial project design steps, we are building executable Installation Resilience Roadmaps for the Marine Corps.

We understand that energy and sustainability initiatives must enable the organization's mission. Successful initiatives require integrated, cross-functional actions within the fence-line and a comprehensive understanding of impact and interaction with activities outside an installation. CTC continues to document, analyze, and deliver solutions that support the military mission, while reducing the environmental footprint.

Representative Projects

Marine Corps Energy & Resilience (Prime Contractor) – Support HQ Marine Corps, Regions, and Installations developing and implementing strategic vision to address comprehensive energy security and resilience requirements, including framing policy direction to meet evolving legislative and executive branch requirements; collecting and analyzing energy/utility/climate data for installation reliability, resilience and efficiency; and developing infrastructure upgrades and projects.

Air Force Policy & Program Management (Prime Contractor) – Provide technical expertise to develop the strategies, policies, analyses, strategic communication initiatives, and technical research for installation energy/water, climate, environmental, infrastructure, and safety programs in the Air Force to enhance resilience and improve mission capabilities.

Marine Corps Facility Related Control Systems (Prime Contractor) – Provide functional and technical programmatic support for securing the Marine Corps' existing FRCS through an Enterprise Enclave; achieve Risk Management Framework (RMF) Authorization To Operate (ATO) status through our HQ and Regional expertise; deliver tomorrow's cutting edge information today to the FRCS Community Stakeholders.

Critical Infrastructure Planning and Engineering

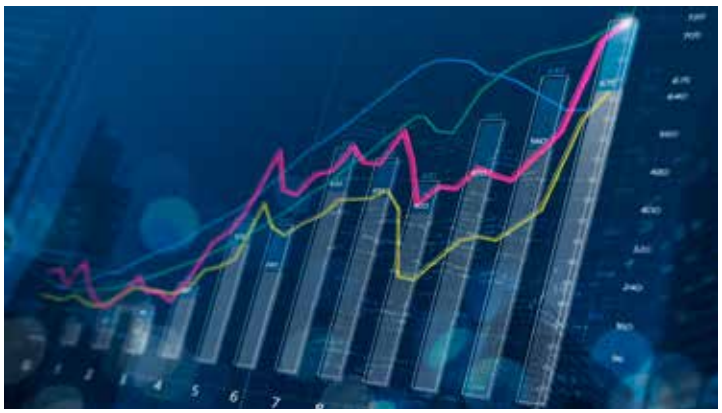
Enhancing Mission Effectiveness Through Technology Innovation

CTC subject matter experts partner with clients to evaluate technology solutions that balance mission and performance requirements with life-cycle cost considerations. CTC employs a multidisciplinary team to understand the technical and programmatic barriers to deploy innovative solutions. Working with the Department of War, CTC's engineers, cybersecurity specialists, and analysts have supported the development and selection of six United States Marine Corps (USMC) projects for ERCIP funding, totaling nearly $85 million, providing additional investment in USMC infrastructure. Following this success and leveraging our Installation Energy Security Plan analysis, CTC supported the development of nearly $400 million in projects for the FY25 program year request.

Decision Support and Data Analysis

Supporting Client Data-Driven Needs

CTC has the technical and advisory skills necessary to design and implement effective decision support tools. Our goal is to empower decision makers at all levels to realize the full potential of data to inform their daily activities, as well as long-term planning. We focus on defining the right data set and driving data quality to build trust in the data collection process.



Policy, Planning and Advisory Support

Serving as a Trusted Advisor to Make Informed and Effective Policy

We are sought for our ability to develop innovative and sound solutions to address complex energy and sustainability issues, present and future. Using collaborative partnerships, comprehensive research, strategic planning, and field experience, we inform the development of energy and sustainability policies and guidance to be results driven. CTC has supported the Air Force energy office since its inception and continues to break new ground with resource efficiency and resilience.

The CTC Difference

Our clients tell us that CTC offers unique value in realizing their missions.

CTC's high-performing team of experienced analysts and engineers delivers innovative yet attainable approaches to complex issues. Our committed team members collaborate to deliver an integrated business and technical approach.

In addition, our independent and non-profit status enables us to serve as trusted advisors, providing objective analysis and recommendations.

We take our role seriously, as our efforts help to safeguard national security by protecting and ensuring the continued function and resilience of installations and assets—including energy, water, utility infrastructure, facilities, networks, data, and information systems—in any operating environment.

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 support our clients' core mission objectives with customized solutions and strive to exceed expectations.

CTC is a leader in quality and environmental management systems. Visit our Quality Commitment webpage for more information.

Quality Commitment | Concurrent Technologies Corporation (ctc.com)

www.ctc.com

For more information, contact:
Susan Van Scoyoc
Vice President,
Energy, Resilience & Sustainability Division
(814) 269-6892
energy@ctc.com

100 CTC Drive • Johnstown, PA 15904
Phone: 1-800-282-4392

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