



Concurrent
Technologies
Corporation



CTC Fact Sheet

Putting ideas into action.

Concurrent Technologies Corporation (CTC) has been putting ideas into action since 1987, supporting a wide range of high-priority defense requirements and helping U.S. industry compete in the global market.

CTC's core strengths are in the areas of Cyber Security; Environment, Sustainability, and Safety; Information Management and Technology; Intelligence Solutions; Learning and Human Performance Solutions; Logistics and Readiness; Materials, Manufacturing, and Engineering; Power and Energy; and Systems Engineering and Integration.

- CTC is an independent, nonprofit, applied scientific research and development professional services organization. CTC is classified as a section 501(c)(3) organization under the Internal Revenue Code.
- CTC's primary purpose and programs are to undertake applied scientific research and development activities in the public interest, which includes all of the work CTC performs in support of the government. Scientific research is defined as both basic, purely theoretical research and practical applied research.
- CTC has been able to grow and diversify because of strong support from our clients and the dedication of our talented employees.
- CTC serves our client base with more than 1,400 scientific, technical, and business professionals in over 50 locations across the nation.
- CTC operates Centers of Excellence, large scientific programs, and other major scientific and technical initiatives on behalf of the government. All of the programs performed by CTC are awarded through the acquisition process established by the executive branch and in compliance with all government regulations.

Please visit our Web site at www.ctc.com to learn more about us.

Delivering Customized and Comprehensive Solutions

CTC offers a broad and diverse portfolio of contract vehicles to provide scientific, educational, technical, engineering, logistical, operational, business, and management solutions. In addition to traditional contracting mechanisms, our contract portfolio includes a variety of indefinite-delivery/indefinite-quantity (IDIQ) type contracts, which provides for various pricing mechanisms such as cost reimbursement with fixed or award fee arrangements, fixed price, cost incentive, and time and materials. CTC also maintains several General Services Administration (GSA) schedules and has been awarded grants and cooperative agreements. The types of contracts awarded to CTC provide the maximum flexibility for our clients to access state-of-the-art resources to solve challenging problems under a variety of cost-controlled environments.

CTC develops comprehensive solutions that simultaneously improve product quality, raise productivity, increase cost effectiveness, and meet regulatory compliance. We partner with leading research institutions, government agencies and other organizations to identify, develop, analyze, and apply appropriate technical solutions. Our work in applied research and development moves high-technology concepts from the laboratory to the real world.

CTC is an independent, tax-exempt organization. We deliver tailored solutions without bias for proprietary technologies. Under certain circumstances, CTC will perform work for no fee, and undertake projects which involve a high degree of risk. Our highly developed expertise can bring a competitive advantage to our clients.

New business is a reflection of past performance, and our Company has an outstanding record of delivering innovative, reliable solutions—exceeding client expectations and outperforming the competition. The following examples are representative of the hundreds of projects underway each day at CTC.



As the prime contractor on the U.S. Navy Carriage, Stream, Tow, and Recovery System (CSTRS) Program, CTC developed and manufactured prototype equipment that will allow Littoral Combat Ships to respond quickly and proficiently to mine threats in dangerous waters.



Advancing Alternative Energy Solutions

With help from CTC scientists and engineers, the U.S. Air Force completed testing and certification of Fischer-Tropsch synthetic fuel blend for the B-52H aircraft. The Air Force plans to certify the entire fleet for synthetic fuel use by 2011. CTC has also been instrumental in facilitating research involving the use of 28 percent oxygenated biodiesel, reformation of fuels for fuel cells, and the conversion of plastics to synthetic fuel.



Sustaining Warfighter Readiness While Ensuring Environmental Compliance

Troops prefer to train as they fight—with lead bullets. Because the Massachusetts Military Reservation (MMR) lies over the groundwater aquifer that supplies much of the water to Cape Cod communities, the Environmental Protection Agency (EPA) would not allow bullets to be fired into traditional soil-berm backstops due to contamination risks. After nearly a decade, the EPA lifted the ban and stipulated that the MMR use the STAPP Bullet Catcher, a technology demonstrated by the CTC-operated National Defense Center for Energy and Environment (NDCEE). Using a unique, self-healing elastomeric cover, the Bullet Catcher also allows soldiers to train without threat of fire, even in extremely hot climates.



Providing a Total View of U.S. Marine Corps Readiness

The CTC-developed Marine Corps Equipment Readiness Information Tool (MERIT), is a powerful Web-enabled resource that provides a total view of USMC readiness. MERIT is in use in every theater of Marine Corps operations. Marines say it's "*the Greatest...what used to take days now takes minutes.*" MERIT is so successful it has won numerous national awards. This innovative tool is reducing time spent reporting materiel readiness by one million hours annually.



Improving Pilot Safety

The new modular seat assembly that CTC designed and fabricated for Goodrich's Advanced Concept Ejection Seat (ACES 5) improves pilot safety, providing aircrew with protection for through-the-canopy ejection. Because the ACES 5 utilizes just 20 high-speed machined parts as compared to the prior seat, which required 150 parts, production costs will decrease and maintenance will be much easier and faster. Estimated annual maintenance savings is \$500,000 per B-2 Aircraft with a total potential savings of about \$10 million per year.



Providing a Crisis-Ready, Transportable Command and Control Facility

When the Hurricane Katrina disaster struck America's homeland in August 2005, the Deployable Joint Command and Control (DJC2) system was sent to hard-hit New Orleans in support of the Joint Forces Maritime Component Commander. The media called DJC2 "indispensable." The DJC2 system provided a transportable, sheltered facility with fully functional command, control, communications, computer, and intelligence capability. As a result of the system's outstanding performance, DJC2 was selected as a winner of the 2005 David Packard Excellence in Acquisition Award for significant accomplishments in the area of acquisition excellence. CTC personnel have been critical team members in the development and deployment of DJC2 and were instrumental in making the Katrina support operation a success.



The DoD's Source for Military Working Dog Programs

Having developed the Combat Tracker Dog, Mine Detection Dog, and Specialized Search Dog training programs for the Department of Defense (DoD), CTC is the sole provider of Mine Detection Dog and Specialized Search Dog training under contracts with the U.S. Army Engineer Detection Dog Program and the Office of the Provost Marshal General. CTC is also under contract with U.S. Army Maneuver Support Center (MANSCEN) Directorate of Training and Doctrine to write the Army Tactics, Techniques, and Procedures Manual for the Army Military Working Dog (MWD) Program. Additionally, CTC provides technical support to the Naval Special Warfare Group Multi-Purpose Canine Program. CTC-trained MWD teams have deployed world-wide in support of contingency operations saving countless lives, validating CTC as the industry leader in meeting DoD MWD training needs.



Making Once Impossible Welds Commonplace

CTC's advancements in friction stir welding (FSW) have made once impossible welds now commonplace and have achieved numerous advantages over conventional fusion welding, including superior strength and ductility and a significant reduction in residual stresses. The Navy Metalworking Center (NMC), operated by CTC, has installed a three-story FSW system capable of fabricating full-size combat vehicles. NMC has been employing the system for Navy applications and to fabricate concept trailers and Future Combat Systems combat vehicle test articles for the U.S. Army.

Building a Respected, National Enterprise

Strong Client Support

CTC's clients consistently note our employees' dependability, reliability, professionalism, work ethic, innovation, and job knowledge. We value their endorsements and—from start to finish—strive to exceed their expectations. Together with our clients, CTC's accomplishments make a difference. Value-added products and services benefit U.S. warfighters as well as homeland safety, the environment, and energy security. Here are a few things our clients have to say about CTC:

"CTC served as a true 'trusted agent.' I was always made aware of multiple alternatives and I am extremely pleased in how the funding on the project was allocated. This is particularly noteworthy given the variety and quantity of vendors and technologies involved. We worked collaboratively and openly managing precious resources. CTC's agility and responsiveness were another enabling factor to controlling costs."

- LCDR Samuel G. Chance, U.S. Navy, Retired

"The ease of use of the GovPay system [developed by CTC] has just been a real saving grace for us. There is never a question of where we are in the billing process. ... From an industry perspective, it has made management of our contracts extremely easy."

- Josette Oder, Vice President of Client Services, LeapFrog Solutions, Inc.

World-Class Employees

CTC's employees are the primary reason the Company has been able to grow, innovate, and deliver superior client service. We have built our client base and our Company's success from the inside out...focusing on the recruitment and retention of talented employees who are attracted to CTC for the opportunity to push past the known into the unknown in service to our clients. Our employees are undeniably our greatest strength and provide outstanding value to our clients.

Working together with government and industry partners, we provide innovative solutions to solve challenging problems.

CTC Receives Prestigious Recognition and Awards

- Winner of the Pro Patria Award, the highest state-level honor given to a civilian employer by the Department of Defense (DoD).
- Achieved the Federal Occupational Safety and Health Administration (OSHA) Voluntary Protection Programs (VPP) "VPP Star" designation for workplace safety and health excellence for the Company's Johnstown, Pennsylvania facilities.
- Winner of the Defense Security Service's Cogswell Award for Outstanding Industrial Achievement—an honor reserved for those defense contractors who consistently demonstrate excellence in all aspects of their security programs.
- Winner of two Above and Beyond Awards, one each from the Pennsylvania and Maryland ESGR (Employer Support of the Guard and Reserve) for strong assistance of employees serving in the National Guard and Reserve.
- Winner of the Seven Seals Award for meritorious leadership and support of those in the National Guard and Reserve.
- Winner of multiple national awards for clients' projects.
- Recognized by Team Pennsylvania Foundation, the Department of Community and Economic Development, the Pennsylvania Chamber of Business and Industry, and the Central Penn Business Journal as one of the Best Places to Work in PA every year since 2001.



Please visit our Web site at www.ctc.com to learn more about us.