

Annual Report July 1, 2010 – June 30, 2011



Concurrent Technologies Corporation

Helping Every Client Achieve Their Mission

Through Innovation in Science, Engineering, and Technology



*Concurrent
Technologies
Corporation*

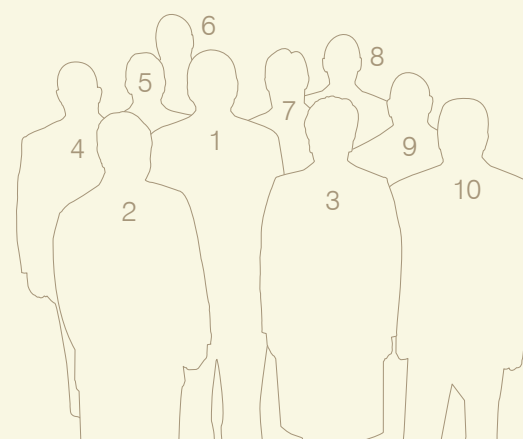


Senior Executive Leadership Team

Founded in 1987

as a nonprofit corporation, **Concurrent Technologies Corporation (CTC)** identifies and creates breakthrough technologies and applies them through an integrated business and technical approach to produce transformative solutions. We are results-motivated, not profit-motivated.

Our bottom line is helping every client achieve their mission.



- 1 Edward J. Sheehan, Jr., President & Chief Executive Officer
- 2 Michael A. Katz, Executive Vice President & Chief Operating Officer
- 3 Margaret DiVirgilio, Senior Vice President, Chief Financial Officer & Treasurer
- 4 Frederick J. Mulkey, Vice President, Mission Solutions & Programs
- 5 David A. Schario, Vice President, Physical Sciences & Engineering
- 6 Ronald W. Ball, Jr., Vice President, Mission Solutions & Programs
- 7 Michael S. Knapp, Ph.D., Vice President, Information Sciences
- 8 Jerry R. Hudson, Senior Vice President, Strategy & Organizational Development
- 9 Frank W. Cooper, Jr., Senior Vice President & Chief Technical Officer
- 10 George W. Appley, Senior Vice President & Chief Information Officer

Welcome

Dear Colleagues and Friends:

Each year, we are both proud and humbled to present our annual report to our constituencies. We are proud because, at Concurrent Technologies Corporation (CTC), delivering the right solutions for our clients is our focus and commitment. In the past year, CTC has done that time and time again. And we are humbled because we know how meaningful and important our work is, namely to assist our clients in achieving their missions. We are honored to have earned and maintained the trust and loyalty of our clients.

True Partners

CTC continued its relentless pursuit of solutions and our groundbreaking work in science, engineering, and technology this year, and in this publication, you'll read about some of our noteworthy achievements in Advanced Materials; Manufacturing and Engineering; Environment; Healthcare; Information Technology; Intelligence and Cyber; Learning and Human Performance; Logistics and Readiness; Power and Energy; Safety and Occupational Health; and Special Missions.

While producing award-winning solutions in Fiscal Year 2011 (FY11), CTC also allowed ourselves some introspection. As part of our effort to position the company for future growth and achievement, we wanted to examine what makes CTC unique and special. We had the opportunity to talk one on one with employees of the Company. We also spoke to our clients, key stakeholders, and others in our marketplace. These individuals had varying degrees of longevity with the Company, were from different locations around the nation, and performed various

roles within CTC. The consistent message that came through in all cases was CTC's passion, personal connection and commitment to clients and one another, and the unwavering commitment to quality solutions.

As CTC thrives, we will continue to attract not only the best and brightest employees, but employees who share CTC's desire to develop meaningful, long-term relationships infused with passion and a get-it-done attitude. Recruiting and retaining that kind of person is why we invest in programs and policies that define us as one of the "Best Places to Work." We've now earned that recognition in our headquarter state of Pennsylvania for ten consecutive years, one of only three Companies to be so named. We were named one of the "Best Places to Work" in Virginia—the first time that state has assembled these rankings.

A Bright Future

As we reflect with satisfaction on the accomplishments of FY11, we continue to be optimistic about the Company's future. While our marketplace is dynamic, and in some cases volatile, our team is prepared for those challenges. CTC has great clarity of vision and a practical roadmap for achieving our goals.



Edward J. Sheehan, Jr. (left) and Howard M. Picking, III

We intend to grow into new areas of opportunity while expanding in our existing markets and see great potential in developing multi-disciplinary approaches to solve difficult problems. We are confident that we can continue to hone and expand what we do without compromising the how and why we provide our services—with great care and personal commitment and a sincere and humble dedication to being an invaluable partner.

Edward J. Sheehan, Jr.
President & Chief Executive Officer

Howard M. Picking, III
Chairman, CTC Board of Directors

Our Areas of Expertise

Innovation in Science, Engineering, and Technology

Advanced Materials and Manufacturing



From product design and development to surface-engineering technologies to robotics, CTC engineers and scientists are contributing industry-leading innovations to

America's civil-military base. CTC is:

- Combining metals, ceramics, and polymers in novel ways to provide superior structural and coating solutions.
- Developing advanced armor and innovative ways to protect weapons platforms from mines and other threats.
- Developing and transitioning advanced manufacturing methods for prototype construction and low-rate production.

Healthcare Solutions



Members of the healthcare industry—providers of care, hospitals, and physicians—are increasingly being asked to do more with less. CTC is applying its

broad expertise in Operations Research/Performance Improvement and Information Technology to deliver innovative solutions to key healthcare challenges such as those related to electronic health records and the safe movement of patient-related information across the continuum of care and with other approved users of medical information.

Environment and Sustainability



From corrosion protection and control to strategic sustainability planning, CTC subject-matter experts provide a wide variety of innovative, environmentally

sustainable solutions. The U.S. Government and industry are increasingly demanding sustainable solutions that simultaneously allow continued growth while improving quality of life, organizational performance, and the environment. CTC successfully brings together the right scientists, engineers, and other key professionals to answer this pressing sustainability challenge.

Information Technology Solutions



CTC connects emerging technologies to existing markets, leverages current technology assets in innovative ways, and utilizes extensive intelligence-gathering

tools to identify connecting points between technologies and the market. We provide cost-effective IT systems and software capabilities that enable our clients to exceed their goals, make better decisions, deploy leading-edge solutions, and achieve their missions.

Intelligence and Cyber Solutions



CTC is serving the nation's defense, intelligence, and homeland security communities, applying unique competencies and the highest quality standards to deliver timely

solutions. As our Defense Intelligence Agency client put it: "The CTC program management commitment to the success of the mission exceeds any previous contract experience I have ever been involved with."

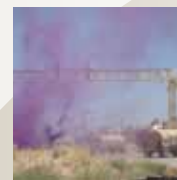
Learning and Human Performance



CTC has been providing a wide range of learning and human performance solutions to our military clients since its founding in 1987. Organizations are being asked to evolve their

human capital with ever-increasing speed and accuracy. Our decades of experience, high quality standards, and ability to create innovative, customized solutions benefit clients seeking to become agile learning organizations.

Special Missions



"Special Missions" refers to non-conventional military operations. CTC's Special Missions Team includes a large number of highly experienced subject-matter experts

ready to provide a full spectrum of trusted services and innovative solutions to assist the non-conventional warfighter. Our subject-matter experts are experienced in Explosive Ordnance Disposal; Special Operations Forces (SOF); SOF Tactical Command, Control, Communications, Computers, Combat Systems, Intelligence, Surveillance, and Reconnaissance (C5ISR); Counter Improvised Explosive Devices and Unexploded Ordnance remediation solutions; and more. We do—and support those who do—America's most dangerous jobs.

Power and Energy



CTC delivers timely solutions by assessing, developing, and transitioning technologies for efficient energy distribution systems. We specialize in renewable

energy, smart grid technology, and energy storage systems. CTC power and energy initiatives lead clients to real-world, look-ahead solutions for tomorrow's challenges.

Safety and Occupational Health



CTC is dedicated to assisting clients implement exemplary safety and health management systems. Since 2005, CTC has operated the Department of Defense

Voluntary Protection Programs (VPP) Center of Excellence. The CTC Safety and Health Consulting Team is helping many organizations achieve VPP Star recognition. As one client wrote: "Rarely do you find such a professionally experienced group of experts with such outstanding credentials in one place. The VPP metrics can be subjective, hard to measure, and difficult to assess, but this team provided a great product, valuable service, and would be welcomed back at any time."

– Safety Director, U.S. Army Depot

Logistics and Readiness



CTC provides viable solutions to optimize critical logistics, supply chain, and readiness operations. CTC leverages its proven expertise to deliver

customized decision-support tools and award-winning solutions to provide actionable information for total life-cycle management and to enable critical decision-making where and when it counts.

Relentlessly

Helping Every Client Achieve Their Mission



Accepting the Defense Manufacturing Technology Achievement Award are: Front: Michael Katz, Concurrent Technologies Corporation (CTC); John Carney, Office of Naval Research (ONR); Tim Freidhoff, CTC; Edwin Erlbacher, PushCorp, Inc.; Robert Kirkwood, Northrop Grumman Shipbuilding-Gulf Coast (NGSB-GC); Stephen Davis, Bath Iron Works (BIW); and Dan Winterscheidt, CTC. Back: Greg Woods, ONR; Ed Sheehan, Jr., CTC; Gene Franke, Naval Surface Warfare Center, Carderock Division (NSWCCD); Rick Zebrowski, NSWCCD; John Foster, BIW; and Kevin Roossinck, NGSB-GC. Not pictured: Bruce Horn and Kyle Reasbeck, CTC.

CTC's people are true subject-matter experts who are completely dedicated to their fields. They have a deep sense of pride and ownership in the important projects and challenges that they undertake for clients because they know their work is meaningful.

We proudly acknowledge the following employees and clients whose collaborative achievements have been recognized nationally and internationally over the past fiscal year.

Team Wins Defense Manufacturing Technology Achievement Award

CTC and key partners received the 2010 Defense Manufacturing Technology Achievement Award, which is given by the Department of Defense (DoD) Joint Defense Manufacturing Technology Panel (JDMTP).

The project team was honored for the development and commercialization of a weld shaver system that has wide applicability for military ships, DoD weapon systems, and commercial structures. (See photo at left.)

The Navy Metalworking Center (NMC), an Office of Naval Research (ONR) ManTech Center of Excellence, which is operated by CTC, led a project that developed a mechanized tool that removes 80 percent of the weld reinforcement at rates exceeding 20 feet per hour and was successfully implemented at Bath Iron Works (BIW) in the construction of DDG 51 and DDG 1000. The tool will reduce the construction cost of DDG 1000 by \$2.77 million and significantly decrease the number of injuries and resulting medical expenses incurred from manual hand grinding. The tool was also modified to perform back gouging and is being used by BIW on DDG 1000 construction and is planned to be used by Ingalls Shipbuilding.

This team's innovative ideas and transition approach led to significant savings for the U.S. Navy.

Team Wins Defense Logistics' Best Technology Implementation Award

The team that created the Secondary Repairables (SECREP) Total Allowance Recomputation Tool (START) has an emotional commitment as well as a professional commitment to their shared mission. Their passion, drive, and technical expertise resulted in a Defense Logistics' Best Technology Implementation Award recognizing START as a "significant contribution to military logistics and the warfighter."

CTC's client, the United States Marine Corps Logistics Command, received the award for START, which was developed in partnership with CTC.

START is an information technology tool that benefits U.S. warfighters by resolving logistics challenges in the Marine Corps supply chain. The START application saves the USMC time and improves material readiness by simplifying life-cycle management processes and eliminating manual data loads and travel.

CTC takes a collaborative approach to our work. We share credit and celebrate achievements with everyone who plays a role in our success, especially our clients.

– Ed Sheehan, Jr., CTC President & Chief Executive Officer

eVPP Tool is in Use at 300+ Military Bases Worldwide

The eVPP Tool, a web portal created by CTC to help improve safety and health management systems at military installations, received the Technology Product of the Year Award from TECHQuest Pennsylvania. The tool currently has over 3,000 individual users at more than 300 military worksites worldwide.

CTC occupational safety and health experts specialize in helping military installations achieve Voluntary Protection Programs (VPP) Star Status. Star sites demonstrate exemplary worksite safety

Helping Every Client Achieve Their Mission

and health. The Defense Safety Oversight Council (DSOC) has a very ambitious goal to attain 400 DoD VPP Star sites, and the eVPP Tool has become a valuable resource in that effort. This tool is an example of CTC's sincere desire to help clients succeed. CTC makes decisions to fund projects based on what will help us achieve the best possible results for our clients, not on what will best ensure profit.

CTC Director is Special Operations Defense Industry Innovator of the Year

J. Pat Daugherty co-developed a responsive technology testing and evaluation program that searches out, down-selects, tests, and evaluates cutting-edge technologies to meet the urgent requirements of frontline Special Operations Forces (SOF). Awards are the last things Pat cares about, choosing instead to put the needs of U.S. warfighters first and foremost. For his

passionate approach to his work as well as his technology successes and innovative leadership, Pat received the Special Operations Defense Industry Innovator of the Year Award from the Greater Tampa Bay Chapter of the National Defense Industrial Association (NDIA).

"Innovation is the common denominator for SOF. As the 2011 Tampa NDIA Special Operations Command (SOCOM) Innovator of the Year, Pat Daugherty led his team for SOF technology innovation, rapidly identifying requirements that were urgent in nature, identifying the solutions, and deploying them quickly to the SOF warfighter," said Anthony Gray, President of the Tampa NDIA Chapter.



Inventors Donald May (seated, left), Dr. Kamal Gella (standing), David Hockenberry, and Dr. Sridhar Natarajan created and refined the case management tool over several years to ensure its functionality, programmability, and performance—earning a U.S. patent.



Pat Daugherty, CTC Director, Special Operations Programs, is Special Operations Defense Industry Innovator of the Year. He is Program Manager for the Technology Infusion Cell II Maverick, which is pictured here.

Processes that Solve Real-World Problems Earn Patents

CTC's number one priority is delivering the right solutions for our clients. In the case of two new patents, the solutions are applicable not just to one client, but to the world community.

The first patent is for a programming toolkit for developing case management software applications. This intellectual property provides a set of software components that serve as a framework for organizations to automate and streamline workflows, coordinate activities between organizations, and integrate data from multiple sources.

Since 1999, CTC has been customizing and building award-winning case management solutions for our clients, and this team of employees was motivated to bring together their years of experience to create a toolkit that lets developers focus almost exclusively on meeting the specific case management needs of a specific business or government agency.

The second patent is for intellectual property that makes it possible to detect corrosion under the paint on military and commercial aircraft and other vehicles. Detecting and remediating corrosion at the onset can reduce repair costs, downtime, and environmental impacts associated with the current practice of complete coating removal and reapplication.

CTC began working with nondestructive inspection to detect corrosion under paint in 2002. In 2003, employees at CTC's office in Largo, Florida, and several co-inventors started development of the process to create discreet corrosion defects in the laboratory. The patent application was filed in 2007 and approved in 2010.

Helping Every Client Achieve Their Mission



Kevin Colligan, CTC Mechanical Engineer, won an international award from The Welding Institute for friction stir welding advances.

Laser Coatings Removal Program Sets New Standards

CTC and its U.S. Air Force client won this year's Environmental Excellence in Transportation (E2T) Award from the Society of Automotive Engineers for designing, validating, and implementing laser coatings removal systems throughout the U.S. Air Force.

The U.S. Air Force Research Laboratory Environment and Energy Program Office (AFRL/RXSC), along with CTC, Carnegie Mellon University, and other industry partners, is developing laser coatings removal systems to replace certain chemical and abrasive media methods. For example, a robotic system implemented at Ogden Air Logistics Center eliminated 36,000 gallons of hazardous waste annually

from decoating of F-16 radomes and provided \$330,000 in annual cost savings. This system allowed for faster, more efficient coatings removal.

The technology behind the AFRL-led laser coatings removal program is innovative and has placed the AFRL and CTC at the forefront of the field since the program's inception in 1999. In 2005 and 2009, the program won the Environmental Security Technology Certification Program (ESTCP) Project of the Year Award. More important than the awards are the results: As these new systems are approved for larger workloads, the environmental and total cost savings will continue to increase dramatically, within the Air Force and beyond.

CTC employees' strong personal commitment and willingness to go the extra mile without having to be asked are intangibles that we provide to every client.

– Ed Sheehan, Jr., CTC President & Chief Executive Officer

CTC Engineer Earns International Award

Kevin Colligan, a Mechanical Engineer, has won The Welding Institute's Larke-Lillicrap Award, an international honor given annually to the individual or team who has had the most influence or impact on the practical application of novel welding or joining knowledge or technology.

Kevin was awarded for his work in friction stir welding (FSW). He leads many of CTC's efforts in FSW, has published several technical papers, and holds patents for improvements to FSW for practical applications. The Welding Institute, based in Cambridge, England, is the original inventor of FSW.

Kevin humbly accepted the award, noting the contributions of fellow CTC employees. "This award was given in recognition of the impact our work at CTC has internationally," Kevin says, "and is a fitting reminder that the talent, skill, and hard work that we bring to bear on projects do make a difference."



CTC won the prestigious Environmental Excellence in Transportation (E2T) Award from the Society of Automotive Engineers for its work with laser coatings removal systems for the U.S. Air Force. Some of the team members are: (left to right) Georgette Nelson, Jim Arthur, Jerry Mongelli, Shanna Denny, and Randy Straw.

News-worthy

Milestones



CTC held a press conference to announce that it was awarded a five-year contract to continue operating the Navy Metalworking Center (NMC). Making the announcement: Daniel L. Winterscheidt, NMC Program Director; Edward J. Sheehan Jr., CTC President and Chief Executive Officer.; John U. Carney, ONR Manufacturing Technology Program Director; Denise Piastrelli, NMC Business Manager; and Robert E. Akans, NMC Technical Director.

CTC works relentlessly to help all clients achieve their missions and in doing so develops meaningful, long-term relationships. After nearly 25 years, our first client continues to be one of our largest clients.

On August 16, 2010, we were proud to learn that the Office of Naval Research (ONR) awarded CTC a competitively bid contract to continue operation of the Navy Metalworking Center (NMC). The Indefinite Delivery Indefinite Quantity (IDIQ) contract has a two-year base period, with three option years, and a ceiling of \$99 million. CTC has operated the NMC program since its inception in 1988.

NMC, an ONR Manufacturing Technology Center of Excellence, is a national resource for the development and transition of advanced metalworking and manufacturing technologies, materials, and related processes. The Center works in partnership with government, industry, weapon system prime contractors, and Program Offices. NMC drives new technologies from research and development to weapon systems application with two objectives:

to implement new technologies that will improve weapon system performance and to develop new production means for weapon system prime contractors and suppliers that lower the production and total ownership cost of naval and other Department of Defense (DoD) weapon systems.

Acquisition Supports CTC's Healthcare Initiatives

CTC's drive to diversify into the healthcare marketplace advanced considerably through Enterprise Ventures Corporation's (EVC's) acquisition of the assets of Coremotive, a healthcare consulting and technology services firm. EVC is CTC's for-profit affiliate.

Part of the asset acquisition included a Healthcare Vertical Partner agreement with Microsoft®. In this role, hospitals receive customized Microsoft technologies and solutions such as Customer Relationship Management (CRM), SharePoint, HealthVault, Amalga, and BizTalk that will be implemented by EVC's team of professionals.

The acquisition brings to CTC additional employees with extensive knowledge and experience in the healthcare setting and in all facets of consulting and solutions delivery. At this critical time in the healthcare industry, CTC is helping organizations steer through complex transformations, guiding them to improved efficiency and better quality of care through process redesign and technology platform development and deployment.

New Office Serves Clients at Picatinny Arsenal

Our new office at Picatinny Arsenal, New Jersey, directly supports CTC's five-year contract worth up to \$350 million to serve the Army Armament, Research, Development, and Engineering Center's (ARDEC's) Rapid Prototyping and Technology Initiative Program. Headquartered at Picatinny Arsenal, ARDEC is the Army's principal researcher, developer, and sustainer of current and future armament and munitions systems. Tasking from Picatinny will also leverage other contract vehicles including CTC's National Defense Center for Energy and Environment (NDCEE) contract, worth up to \$425 million.

CTC's long-standing support to Picatinny Arsenal stakeholders spans two decades, dating back to 1991. Picatinny's primary objective is to provide the ammunition required for U.S. warfighters. This new location allows CTC to support ARDEC, PEO Ammunition, and Picatinny Garrison Command as they work to grow capabilities and strengthen the U.S. Army's organic technical core.

CTC's for-profit affiliate, Enterprise Ventures Corporation, acquired the assets of a healthcare consulting company. This benefits our hospital clients while furthering CTC's expansion into the healthcare market. Pictured here is EVC's Puneet Bakshi (center) with Drew Grossman, Chief Executive Officer of Coral Springs Medical Center, Coral Springs, Florida, and Dr. Daniel Stone, Medical Director, Coral Springs Emergency Department.



Fully Invested

Going Above and Beyond



CTC partners with academia in many ways, including a new Participative Internship Program (PIP) that teams our subject-matter experts with university students during a 12-week summer learning experience. Pictured here, left to right, are: Jacob Sleppy, Christopher Whiteford, Ed Sheehan, Jr., CTC President & Chief Executive Officer, Shawn Sichak, and Shauna Hetrick.

CTC takes a collaborative approach to our work, realizing that it takes true partnership to achieve our goals. We share credit and celebrate achievements with everyone who plays a role in our success, working together to consistently achieve more and make CTC better for each other and for our clients.

The "Best Place to Work"

Respect and humility are inherent in CTC's DNA. We strive to treat our colleagues and clients like family, and this helps set us apart as an employer and contractor. This value-focused business approach is one reason that CTC has been named one of the "100 Best Places to Work in Pennsylvania" for the tenth consecutive year and one of the "100 Best Places to Work in Virginia."

The majority of these rankings are based on employee feedback, and CTC is one of only three companies named to Pennsylvania's "Best Places" list for ten consecutive years. This is Virginia's

Our clients rely on us to be relentless problem solvers.

– Ed Sheehan, Jr., CTC President & Chief Executive Officer

inaugural year conducting the survey. Equally prestigious is CTC's recognition as a Top 100 Government Contractor by *Washington Technology Magazine*. Companies named to this prestigious list are evaluated on how they solve customers' problems, support critical missions, decrease costs, and provide technology-rich products and services to the federal government.

"These competitive rankings are designed to raise the bar among employers and create excellence and employee engagement in the workplace that will attract talented people," says CTC's President & Chief Executive Officer, Edward J. Sheehan, Jr. "We are proud to be setting the standard."

Fully Invested in Our Employees

Career growth and professional development opportunities are central to CTC's value proposition with all employees. CTC University, established in February 2006, has been a tremendous success story for the company. During the past year, CTC staff completed more than 321 college courses under the tuition reimbursement program and took 2,348 SkillSoft courses as part of CTC University.

In addition, CTC employees are encouraged to develop and present training sessions for their peers. Called "Brown Bags" because they are offered on an informal basis during the traditional lunch hour, these training sessions range in topics from technical to administrative in nature. In FY11, 1,097 CTC employees participated in 60 Brown Bag sessions.

Our employees are committed to lifelong learning—their own and others'. A new Participative Internship Program (PIP) that teams employee volunteers with university students is an investment in the nation's future workforce.

The PIP is a technically focused summer program providing mentorship, leadership, technical subject-matter expertise, and competency development opportunities to a select group of interns. The interns' CTC experience culminated with a presentation to our Senior Executive Leadership Team and a 30-page white paper, "Forensics in the Cloud (Cloud Computing)." The project was both relevant and innovative, and this learning experience will be offered again.

Employee health and wellness are also central to CTC's value proposition with all employees. The Company's benefits package is excellent and augmented by CTC's comprehensive Wellness Program. This unique, multi-dimensional, results-oriented program provides employees with the information and means to achieve healthier lifestyles.

The program promotes races, walks, health screenings, fitness and other wellness classes, weight-loss programs, and more. Employees have embraced the program, which is driven in large part by their input and is sustained by their enthusiasm.

These and other programs are born of CTC's desire to be an employer of choice. We take the time to get to know employees and clients on a personal level to understand their needs and maintain meaningful, long-term relationships.

"We have outstanding employees who make our day-to-day work very rewarding," says Mr. Sheehan. "We want you to know that at CTC, you're making a difference and that people care about you."

A True Partner to Our Clients and the Communities We Serve

"The Uniformed Services University (USU) has a set of staff problems and field exercises that go back to the beginning of the institution; these are updated as military medical operations change. Dina Kurzweil and her team have gone to the classroom, even when it is in the field, to assist the faculty in making the needed changes. You don't expect educational contractors to be willing to live in the woods for a week, just because it is the best way to evaluate the needs of the client and increase the quality of the services provided; Dina in the past and this year took team members to Fort Indiantown Gap, Pennsylvania, in the hot July humidity, risking becoming heat casualties, because they live the commitment to 'emphasize increased quality...while fostering shared values and a spirit of working together.' //

– Dale C. Smith, Ph.D.,
Senior VP, Uniformed Services
University of the Health Sciences
(CTC Client)

Going Above and Beyond



Phillip Blackmon, CTC Explosive Ordnance Disposal, Counter-Improvised Explosive Device (C-IED) Integrator, conducts training for U.S. troops.

“I would like to take this opportunity to let you know how vitally important the unexploded ordnance and improvised explosive device training SSG(R) Phillip Blackmon provided us has turned out to be here.

“Essentially, any time Kandahar Airfield receives Indirect Fire, my troops are the ones who search for the Point of Impact, secure anything found and set up the cordon for Explosive Ordnance Disposal. Needless to say, the information and realistic training provided by SSG(R) Blackmon has served as an invaluable base from which my troops work.

“In addition to the planned training, SSG(R) Blackmon also provided my team a classified briefing to get us up to speed on what specific types of incidents to expect when we hit the ground here. As a result, even though we were new to the forward operation base, we had an understanding of what to expect and how to respond.

“SSG(R) Blackmon and the rest of the team at Ft. Bliss should be commended for their dedication to ensuring teams like mine are able to successfully complete whatever mission we’re given and then all come home safely. //”

– CTC Client Stationed in Afghanistan

A True Partner to Our Clients and the Communities We Serve

The team from the 101st Chemical Company, Fort Bragg won the 2011 Best Chemical, Biological, Radiological, and Nuclear (CBRN) Warrior Competition sponsored by CTC’s Fort Leonard Wood Office. Congratulations to all members of the winning team! This excerpt from a letter we received after the event sums up CTC’s reasons for supporting the event:

“It is companies such as Concurrent Technologies Corporation that help make our military men and women understand that their sacrifices are truly appreciated and supported.

“I want to sincerely thank you and your company for your outstanding support of our country and our military members. Your efforts and generosity towards our soldiers are greatly appreciated by those who take care of us as a nation, their families and friends. Again, thank you all for a job well done! //”

– Roger Meffley, USN Command Master Chief (ret.)



CTC is a proud sponsor of the 2011 Best CBRN Warrior Competition. Winning teammates SPC Brandon Shissler, Fort Polk, Louisiana, and SPC Jason Meffley, Fort Bragg, North Carolina, during the competition.



We Serve

Honor Roll

CTC is tireless in its drive to support U.S. military needs by developing and disseminating advanced technology solutions to help ensure that the world’s most sophisticated defense program will continue to be the world’s most capable. Our responsibility to America’s warfighters is motivated by a sense of mission. Our team of professionals includes many former members of the U.S. Armed Forces representing every branch of the military, and CTC’s resolve is further heightened because many of our employees are now answering the call to duty.

Join us in honoring our colleagues who were on active or Reserve duty in FY11.

- | | |
|------------------------|---------------------------|
| Andre V. Bakh | Nicole L. Mauery |
| Oliver G. Bugarin | Scott A. McClucas |
| Scott M. Cameron | Sheila M. McMahon |
| Glynn L. Collis III | Richard F. McMullen |
| Daniel R. Curry | Ronald L. Nutter, Jr. |
| Timothy C. Dabbs | James H. Olds IV |
| Peter J. Demko | Melissa Riestler Hartsell |
| Daniel A. DeVos | Todd V. Riviezzo |
| Robert H. Donley | Matthew J. Sampson |
| John E. Forte' | Danica A. Sancic |
| Timothy S. Gilson | Frederick G. Scott II |
| David Hall | Francesco Tessitore |
| Kevin D. Hillegas | Jordan T. Towe |
| Gregory M. Jablunovsky | Bryan R. Young |
| Roy E. Lantzy | |

Highlighted Publications and Presentations

Over the last year, CTC personnel continued to enhance the technical reputation of the Company through their publications, including chapters in internationally recognized reference books, published papers in peer-reviewed journals and proceedings, and presentations at national society and technical meetings. The list below is representative of the many books and articles published and the invited presentations given by CTC personnel during FY11. For a full listing, visit www.ctc.com. The breadth and technical alacrity exemplified in these publications continues to exemplify and strengthen CTC's technical reputation.

CTC employees (names in red) authored or co-authored the following publications and presentations from July 1, 2010, to June 30, 2011.

Papers

Arthur, J., Naguy, D., & Naguy, T. "Laser Removal of Aircraft Coatings." *Industrial Laser Solutions*, Volume 25, Number 5, September, 2010.

Bandrowski, B., & Clark, C. "XSLT: Effective E-learning Solutions for Section 508 and Mobile Devices." *Interservice/Industry Training, Simulation, and Education Conference (IITSEC) Proceedings*, November, 2010.

Heidenthal, J. "Metrics: Magic or Measurement?" *Perspectives*, Volume 10, Number 3, 2011.

Hollins, K. "Carbon Monoxide: The Silent Killer." *Perspectives*, Volume 10, Number 2, 2011.

Keysar, E. "Implementing Regional Sustainability Initiatives: Lessons from the United States Department of Defense." *Environmental Practice*, Volume 13, Issue 2, June, 2011.

Konkol, P.J., Stefanick, K.M., & Pike, G.S. "Weldability of HSLA-115 Steel for Critical Naval Ship Structures." *American Welding Society Welding Journal, Research Supplement*, February, 2011.

Lute, C., & Wieserman, W.R. "The Effects of Wind Turbines on Air Traffic Control Radar." *RadarCon 2011 Conference Paper 3088*, April, 2011.

Pecina, J. "Corrosion NDI Test Standards." *NACE Corrosion 2011 Proceedings*, March, 2011.

Reitter, N., & Widdis, D. "IDFW20 Team 8: Using Data Farming for Health Care Policy Analysis." *Scythe Proceedings and Bulletin of the International Data Farming Community*, Issue 7, Workshop 20, July, 2010.

Vescovi, K. "Transmission of Delay Sensitive Data over Non-QoS Enabled WANs." *Cyber Journal*, July, 2011.

Zimmerman, S., & Glavach, D. "Cyber Forensics in the Cloud." *IA Newsletter*, Volume 14, Issue 1, Winter, 2011.

Presentations

Brandenburg, E. "Locating and Evaluating Sea Disposed Munitions – Examples from the Hawaii Undersea Military Munitions Assessment (HUMMA) Project." Presentation made at the MIREMAR Conference, Neumunster, Germany, November, 2010.

Hollins, K. "VPP Best Practices." Presentation made at the Western Region Army National Guard Conference, Denver, CO, March, 2011.

Jackens, J. "Preparing a Plan to Guide the DoD Initiative for Continuous Improvement in the Development of OB/OD Emissions Factors." Presentation made at 2011 Global Demilitarization Symposium and Exhibition, Denver, CO, May, 2011.

Pecina, J. "Flash Thermography (FT) Nondestructive Inspection (NDI) Technologies and Programs Applicable to Condition Based Maintenance (CBM) for Military Applications." Presentation made at NACE Corrosion 2011, Houston, TX, March, 2011.

Scanlon, K. "Closing the Loop: An Assessment of the Life Cycle of Beryllium-Containing Materials in the Department of Defense." Presentation made at the Environment, Energy Security, & Sustainability (E2S2) Symposium, New Orleans, LA, May, 2011.

Scanlon, K., & McDonald, S. "Use of a Life Cycle Framework to Identify Potential Impacts to the DoD from Lead as an Emerging Contaminant." Presentation made at the Society for Risk Analysis, Salt Lake City, UT, December, 2010.

Soyka, M. "High Speed Cross Domain & Info Access (HS-CDS) and Virtual Machines." Presentation made at the Radiant Mercury Users Group Conference, Denver, CO, April, 2011.

Thropp, S. "S1000D/SCORM Progress for Training Support – Acquisition Data Standardization Initiative and the Pathways to Efficiencies." Presentation made at the 2011 AIA-Joint Services Tech Pubs Workshop, Clearwater, FL, May, 2011.

Van Scoyoc, S. "DASA(E&S) Renewable Energy." Presentation made at the Environment, Energy Security, & Sustainability (E2S2) Symposium, New Orleans, LA, May, 2011.

Poster Presentations

Handy, G. "Biodiesel Use in Non-Deployed Ground Tactical Vehicles and Equipment." Poster presented at SERDP/ESTCP Symposium, Washington, DC, November, 2010.

Kaltenhauser, H. "Comparison of Photovoltaic Systems at Fort Hood." Poster presented at SERDP/ESTCP Symposium, Washington, DC, November, 2010.

Kaltenhauser, H. "Evaluating the Benefits of Energy Efficient Buildings for the National Guard Bureau." Poster presented at SERDP/ESTCP Symposium, Washington, DC, November, 2010.

Kaltenhauser, H. "Locating and Evaluating Sea Disposed Munitions – Examples from the Hawaii Undersea Military Munitions Assessment (HUMMA) Project." Poster presented at SERDP/ESTCP Symposium, Washington, DC, November, 2010.

Kaltenhauser, H. "Implementing Distributed Wind Power at Military Installations: Site Assessment." Poster presented at SERDP/ESTCP Symposium, Washington, DC, November, 2010.

Kaltenhauser, H. "Zero Energy House for Military Installations." Poster presented at Ft. Campbell Family Housing ZEH Ribbon Cutting Ceremony, Washington, DC, October, 2010.

Keysar, E. "Fully Burdened Cost of Waste in Contingency Operations." Poster presented at SERDP/ESTCP Symposium, Washington, DC, November, 2010.

Mason, R. "Alternatives to Cadmium and Hexavalent Chromium-Based Coatings." Poster presented at SERDP/ESTCP Symposium, Washington, DC, November, 2010.

Tomljanovic, C. "Development of Exposure Point Concentrations with Incremental Sampling Data." Poster presented at the Remediation Technology Summit, Chicago, IL, May, 2011.

Book Chapter

Colligan, K. (2011). "Development of Welding Procedures for Friction Stir Welding" in *ASM Handbook, Volume 6A: Welding Fundamentals and Processes*. ASM International.

Representative Technology and Collaborating Partners

CTC joins with other outstanding nonprofit, research-based organizations and universities to develop innovative solutions and to solve our clients' technology challenges. The following organizations are among those with whom we have partnered.

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University of Georgia
University of Hawaii
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Board of Directors



Consolidated Financial Highlights

CTC and its Affiliates ended Fiscal Year 2011 (FY11) with continued growth from several perspectives. The graphs below depict a few of the financial highlights that CTC experienced at the close of FY11.

Revenue from Operations



Direct Labor



Total Net Assets



(all \$ in millions)

CTC ended FY11 with 169 new contracts, which exceeded the prior year number of new contracts by 19%. These new contracts represented a total gross value of \$184 million and contributed \$26 million to revenue in FY11.

CTC is excited about the growth we are experiencing, and we have set several aggressive goals in order for us to successfully continue growing our Company in the future.



Board Welcomes Mr. Dale Mosier

The CTC Board of Directors elected Mr. Dale Mosier to CTC's Board late in CTC's FY11.

Mr. Mosier, a retired businessman, is a sought-after consultant with outstanding leadership skills. A 1967 honors graduate of Penn State University with a degree in engineering science, he has led, as well as launched, many successful corporations and has lent his management talents to the U.S. Peace Corps.

Welcome!

standing left to right

- Mark E. Pasquerilla
- Albert L. Etheridge, Ph.D.
- Daniel R. DeVos
- Edward J. Sheehan, Jr., Vice Chairman
- John F. Phillips
- Robert J. Eyer
- Conway B. Jones, Jr.
- Michael A. Katz

seated left to right

- Margaret DiVirgilio
- Howard M. Picking, III, Chairman
- E. Jeanne Gleason



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Concurrent Technologies Corporation (CTC) is an independent, nonprofit, applied scientific research and development professional services organization providing innovative management and technology-based solutions to government and industry. As a nonprofit organization, CTC conducts impartial, in-depth scientific and technology-based assessments and delivers reliable, unbiased solutions that emphasize increased quality, enhanced effectiveness, and rapid technology transition and deployment.

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Helping Every Client Achieve Their Mission



Cover Photos (left to right)

Inventors Donald May (seated, left), Dr. Kamal Gella (standing), David Hockenberry, and Dr. Sridhar Natarajan created and refined the case management tool over several years to ensure its functionality, programmability, and performance—earning a U.S. patent.

CTC won the prestigious Environmental Excellence in Transportation (E2T) Award from the Society of Automotive Engineers for its work with laser coatings removal systems for the U.S. Air Force. Some of the team members are: (left to right) Georgette Nelson, Jim Arthur, Jerry Mongelli, Shanna Denny, and Randy Straw.

Phillip Blackmon, CTC Explosive Ordnance Disposal, Counter-Improvised Explosive Device (C-IED) Integrator, trains U.S. troops.



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