

GROUND VEHICLE SYSTEMS ENGINEERING AND TECHNOLOGY SYMPOSIUM

EXHIBITORS GUIDEBOOK

2ND ANNUAL
GVSETS

GROUND VEHICLE SYSTEMS ENGINEERING AND TECHNOLOGY SYMPOSIUM

3-Dimensional Services Group

3-DIMENSIONAL

www.3dimensional.com

3-Dimensional Services Group is a Michigan small business and leader in providing metal fabricated assemblies and components to the defense industry. With more than 200,000 feet of manufacturing, we can provide our customers with multiple services. We have a strong team with program management, design, manufacturing, quality and CWI assembled for each program. We are supported with facilities and equipment to expedite projects that many might say are impossible. Services include manual and robotic welding, laser and waterjet cutting, forming and bending, castings, and plastic molding. From prototype through production, our 220 dedicated employees are ready to support our country.

Scott Duffie | Senior Sales Engineer
2547 Product Drive | Rochester Hills | MI | 48309
T 248.310.6304 | F 248.852.2110 | scott@3dimensional.com



3M DEFENSE

www.3M.com/defense

3M is fundamentally a science-based company. We produce thousands of imaginative products, and we're a leader in scores of markets — from health care and highway safety to office products and abrasives and adhesives. Our success begins with our ability to apply our technologies — often in combination — to an endless array of real-world customer needs. Of course, all of this is made possible by the people of 3M and their singular commitment to make life easier and better for people around the world.

Norbert Biderman | Director, Government Markets
3M Center, Building 225-4S-25 | St. Paul | MN | 55144
T 651.736.9733 | F 651.732.8145 | njbiderman@mmm.com



A123 SYSTEMS

www.a123systems.com

The A123 Systems Advanced Research and Government Solutions Group offers custom solutions for government and military applications. The group specializes in short-run custom battery products manufactured at our U.S. facilities using our unique Nanophosphate materials. Applications include tactical and nontactical vehicles, aircraft, space and large-format backup power.

Les Alexander | General Manager, Government Solutions Group
3850 Research Park Drive, Suite A | Ann Arbor | MI | 48108
T 734.213.1637 | F 734.213.3758 | lalexander@a123systems.com



ACE ELECTRONICS, INC. www.aceelectronics.com

Ace Electronics provides design, prototype and manufacturing services for various military forces, government agencies and original equipment manufacturers around the world. We specialize in developing products that range from highly complicated cable assemblies and electronics to assemblies designed for the harshest of environments. For more than 30 years, Ace Electronics has provided innovative, high-quality connectivity solutions designed and manufactured at our two International Organization for Standards-certified manufacturing facilities.

John Hauler | Director, New Business Development
401 Minnesota Drive | Troy | MI | 48083
T 248.721.8252 | F 248.721.8256 | jhauler@aceelectronics.com



ALTAIR www.altair.com

Altair empowers client innovation and decision making through technology that optimizes the analysis, management and visualization of business and engineering information. With a more than 25-year track record for high-end software for engineering and computing, enterprise analytics solutions and innovative product design and development, Altair has more than 3,000 corporate clients representing the automotive, aerospace, government, defense and consumer products verticals. Altair also has a growing client presence in the life sciences, financial services and energy markets.

Anthony Norton | Director-Business Development
1820 E. Big Beaver Rd. | Troy | MI | 48083
T 248.614.2400 x446 | F 248.614.6197 | tnorton@altair.com



AM GENERAL LLC www.amgeneral.com

AM General LLC designs, engineers and produces military and special purpose vehicles, including the military High Mobility Multipurpose Wheeled Vehicle, or Humvee. It also assembles commercial vehicles, including the civilian HUMMER H2 for General Motors and the MV-1 wheelchair-accessible vehicle for the Vehicle Production Group. Other work includes worldwide parts distribution, field service support, training, engineering services and engine and transmission manufacturing through its subsidiaries General Engine Products and General Transmission Products. More information on AM General LLC can be found online at www.amgeneral.com.

Chris Vanslager | Executive Director-Program Management
12200 Hubbard Road | Livonia | MI | 48151
T 734-523-8058 | F 734-523-8159 | chris.vanslager@amgeneral.com



AVL

www.avl.com

AVL will be exhibiting the latest in advanced powertrain development and testing technologies and capabilities. For more than 60 years, AVL has been providing a broad variety of engineering, testing and simulation technologies and services for advanced vehicular powertrain and propulsion development, giving us the expertise to meet the unique current and future challenges faced by the tactical and combat vehicle market today.

Brett Barringer | Director of Sales
47519 Halyard Dr. | Plymouth | MI | 48170
T 734.341.8991 | F 734.414.9690 | brett.barringer@avl.com

BAE SYSTEMS

BAE SYSTEMS

www.baesystems.com

BAE Systems is the premier global defense, security and aerospace company delivering a full range of products and services for air, land and naval forces, as well as advanced electronics, security, information technology solutions and customer support services. With approximately 105,000 employees worldwide, BAE Systems' sales exceeded \$34.4 billion in 2008.

Sarah Lundgren | Trade Show Specialist
1300 North 17th St., Suite 1400 | Arlington | VA | 22209
T 703.894.3501 | F 703.894.3544 | sarah.lundgren@baesystems.com



BATTELLE

www.battelle.org

Battelle is the world's largest nonprofit independent research and development (R&D) organization, providing innovative solutions to the world's most pressing needs through its four global businesses: laboratory management, national security, energy technology and health and life sciences. It advances scientific discovery and application by conducting \$5.6 billion in global R&D annually through contract research, laboratory management and technology commercialization. Headquartered in Columbus, OH, Battelle oversees 20,400 employees in more than 130 cities worldwide. Battelle also is one of the Nation's leading charitable trusts focusing on societal and economic impact and actively supporting and promoting science and math education.

Roger Labataille | TACOM/TARDEC Battelle Site Manager
505 King Ave. | Columbus | OH | 43201
T 800.201.2011 | F 614.424.5263 | labatailler@battelle.org



C.E. Niehoff & Co.

C. E. NIEHOFF (CEN) & CO./GOODMAN BALL INC. (GBI) www.CENiehoff.com

CEN and GBI are industry leaders in the design and manufacture of heavy duty brushless alternators, generators, auxiliary power units and electrical power management systems. Our products are custom designed for worldwide niche markets with a wide range of output capabilities and a variety of market-specific features. CEN and GBI have earned a reputation for prompt delivery, innovative solutions and superior quality in support of the Light Armored Vehicle fleet.

Sam Chriscoe | Ordnance Market Manager
2021 Lee St. | Evanston | IL | 60202
T 847.866.1593 | F 847.492.1242 | schriscoe@ceniehoff.com



CENTURY/3 PLUS LLC www.centinc.com

Century's Light-Weighting Technology enables significant weight reduction in vehicle components and armor systems by allowing the transition from cast-iron to lightweight alloys such as aluminum and magnesium. Century's Light-Weighting Technology is enabled through the use of metal matrix composites (MMCs). The MMCs create strong, stiff, wear-resistant, vibration-damped and lightweight components. Century has developed a proprietary process to mass-produce MMCs. The result has been a brake drum for heavy trucks weighing 45 percent less than the standard iron drum. Century MMCs are also effective in engine applications, lightweight and stiff structures, and armor-like materials.

Jim McManus | New Business Development Manager
2510 West Aero Park Court | Traverse City | MI | 49686
T 231.941.6245 | F 231.947.4456 | jmcmanus@centinc.com

CIGNYS & JAY INDUSTRIES JOINT VENTURE (JV) <http://www.cignys.com> | <http://www.jayindinc.com>



The Cignys & Jay Industries JV was formed for the singular purpose of creating a large, vertically integrated manufacturer to provide a one-stop-shopping point for metal products. The JV can provide engineered designed systems to individual components at both prototype and high production volumes. We have a 90-year track record of providing complex welded assemblies and close tolerance machined components to original equipment manufacturers in the aerospace, automotive, agricultural and defense industries.

Jeff Lange | Vice President
3700 W Liberty | Ann Arbor | MI | 48103
T 734.994.8800 | F 734.994.6233 | jeff@jpsalesco.com

COCOON INC.

www.cocoon-inc.com



Mission-critical assets require mission critical protection. Cocoon Inc. is a leading innovator of corrosion protection solutions, having delivered millions of dollars in return on investment for its military and private industry clients around the world. Our focus has been in three complimentary product areas: cover systems, fixed and deployable hangars, and stored parts protection.

Jim Crotty | Business Development
216 Lafayette Rd. | North Hampton | NH | 03862
T 603.964.9421 | F 603.964.2271 | jcrotty@cocoon-inc.com

CONCURRENT TECHNOLOGIES CORPORATION (CTC)

www.ctc.com



CTC is an independent, nonprofit, applied scientific research and development professional services organization. CTC's core strengths are in the areas of advanced materials and manufacturing; energy and environmental sustainability; force readiness; and command, control, communications, computers, intelligence, surveillance and reconnaissance. CTC serves our client base with more than 1,400 scientific, technical and business professionals in more than 50 locations across the Nation.

PJ McMullen | Ground Vehicle Systems Director
100 CTC Drive | Johnstown | PA | 15904
T 814.269.2807 | F 814.269.2807 | mcmullen@ctc.com

DASSAULT SYSTÈMES

www.3ds.com



As a world leader in 3-dimensional (3-D) and Product Lifecycle Management (PLM) solutions, Dassault Systèmes brings value to over 100,000 customers in 80 countries. A pioneer in the 3-D software market since 1981, Dassault Systèmes develops and markets PLM software and services that support industrial processes and provide a 3-D vision of the entire product lifecycle from conception to maintenance. Our portfolio consists of CATIA for designing virtual products, SolidWorks for 3D mechanical design, DELMIA for virtual production, SIMULIA for virtual testing, ENOVIA for global collaborative lifecycle management and 3DVIA for online 3-D lifelike experiences.

Sari Gerb | Client Executive
900 Chelmsford Street | Tower 2 | MA | 01851
T 800.382.3342 | F 978.442.1006 | nam.plminfo@3ds.com



DATA DEVICE CORPORATION (DDC)

www.ddc-web.com

DDC is the world leader in the design and manufacturing of high-reliability data bus products, motion control and solid-state power controllers for aerospace, defense and industrial automation applications. For more than 45 years, DDC has continuously advanced high-reliability data communications and control technology for military standard 1553, Aeronautical Radio Inc. (ARINC) 429, Synchro/Resolver interface and solid-state power controllers with innovations that minimize component size and weight while increasing performance. DDC's product line consists of advanced data bus technology for Fibre Channel networks; ARINC 429 data networking cards, components and software; and motor drives. DDC headquarters and design and manufacturing operations are located in Bohemia, NY.

Steve Goldman | Marketing Manager
105 Wilbur Place | Bohemia | NY | 11716
T 631.567.5600 | F 631.567.7358 | goldman@ddc-web.com

DG TECHNOLOGIES (DG)

www.dgtech.com

DG has specialized for a quarter century in vehicle network solutions, providing quality products, education, consulting and custom solutions for in-vehicle networks. These standards-based vehicle networks include Controller Area Network/J1939, J1708/J1587, FlexRay and more, and they are used in military, truck and bus, automotive, agricultural, construction, robotics/industrial control, and telemetry applications. Today's vehicle network architectures are engineered and diagnosed using DG's Dearborn Protocol Adapter and Gryphon product series. Our product and custom solutions are implemented by Fortune 100 companies and most original equipment manufacturer's vehicles, providing connectivity and reductions in emissions and operational and maintenance costs (condition-based maintenance plus) while optimizing vehicle performance.



Keith Zerwas | VP Sales
33604 West Eight Mile Road | Farmington Hills | MI | 48335
T 248.888.2000 | F 248.888.9977 | sales@dgtech.com

DRS TEST & ENERGY MANAGEMENT LLC (DRS TEM)

www.drs.com

DRS TEM has more than 50 years of experience in the military and aerospace industries. DRS TEM is a leading supplier of integrated products, services and support to military forces, security agencies and prime contractors worldwide. DRS TEM delivers systems for mobile electric power generation, on/off platform monitoring, and test and measurement diagnostics. The company is a wholly owned subsidiary of Finmeccanica S.p.A., which employs more than 73,000 people worldwide, bringing a wealth of resources and abilities to serve our customers.



Angela Hardin | Marketing and Communication Specialist
110 Wynn Drive | Huntsville | AL | 35807
T 256.716.2895 | F 256.895.2086 | ahardin@drs-tem.com

D-STAR ENGINEERING CORPORATION

www.dstarengineering.com



D-STAR Engineering is a U.S. based developer and manufacturer of aerospace and defense parts and equipment. D-STAR Engineering engages in research, design and development related to automotive, aerospace and propulsion/powers systems, with a special focus on enabling technologies for defense forces of the present and future.

Since 1993, D-STAR has developed some of the world's smallest and lightest 'heavy fuel' piston engines and portable power systems. We have also demonstrated technologies for Nested Core Gas Turbine Engines and are developing technologies for turbine engines and lift/thrust fans, air and ground vehicles and other aerospace/defense systems. D-STAR is a privately held Connecticut corporation.

D-STAR Engineering Corporation
4 Armstrong Road | Shelton | CT | 06484
T 203.925.7630 | F 203.925.7631 | mailroom@dstarengineering.com

EMBEDDED SYSTEMS INC. (ESI)

www.esimotion.com



ESI delivers cutting-edge motor controller technology for extreme environments. Our new DRAGON line of rugged motor controllers drastically improves delivery time and affordability for extreme applications. The lightweight controllers are available off-the-shelf to 600 volt/40 amps and include an electromagnetic interference filter, regen controller, active inrush limiter, user-friendly user interface and enhanced data collection capability. We stock multiple power configurations to provide short lead times.

Embedded Systems Inc.
4281 Shopping Lane, Suite B | Simi Valley | CA | 93063
T 805.823.2213 | F 270.398.8898 | sales@esimotion.com | careers@esimotion.com

ENERTROLS

www.enertols.com



Enertrons, headquartered in Farmington Hills, MI, is a designer and manufacturer of deceleration and motion control products for the defense industry that include: industrial and safety shock absorbers, gas springs and hydraulic dampers, and velocity and feed controllers. Additional products include elastomeric bumpers and Enertrons vibration sensors for monitoring damaging vibration levels in assembly and production equipment. Visit Enertrons at booth B8 to obtain product information on its latest product. Enertrons Gas Springs are manufactured in Farmington Hills, MI. EGS provide controlled motion for hatches, lids, hoods, machine guards, panels and more. Available for quick delivery.

Chris Schroer | Regional Sales Manager
23435 Industrial Park Dr. | Farmington Hills | MI | 48335
T 734.595.4500 | F 734.595.6410 | cschroer@enertols.com

ESI NORTH AMERICA

www.esi-group.com



ESI North America is the leading provider of virtual prototyping solutions for today's most challenging product development and manufacturing applications. ESI has developed an extensive suite of coherent technologies to realistically simulate the performance of vehicles and weapons systems under conditions too broad, expensive and dangerous to test in the field. Our unique Soldier-centric approach includes physics-based human models to assure survivability is maximized, injuries reduced and equipment can function even under reduced operator capacity or in a damaged state. ESI software and services can help you respond quickly to changing battlefield threats and strategies while reducing your overall program risks. For further information, visit <http://soldier.esi-group.com/>.

Olivier Morisot | Marketing Manager
32605 W. 12 Mile Rd, Ste. 350 | Farmington Hills | 48334
T 248.381.8040 | F 248.381.8658 | olivier.morisot@esi-group.com

GENERAL DYNAMICS LAND SYSTEMS

www.gdls.com

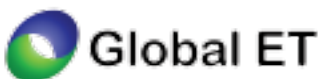


General Dynamics Land Systems is a business unit of General Dynamics Corporation. Land Systems provides a full spectrum of land and amphibious combat systems, subsystems and components worldwide. Company strengths include world-class design and system integration, superior production and innovative life cycle support. Land Systems has approximately 10,000 employees worldwide. Engineering, research and technological innovations continue to position Land Systems as a leader in the force modernization programs of the U.S. and international customers, which include the Abrams, Stryker, Mine Resistant Ambush Protected Vehicle, Joint Light Tactical Vehicle and Ground Combat Vehicle programs.

Jim Flynn | Director, Business Development, Advanced Programs
38500 Mound Rd. | Sterling Heights | MI | 48310
T 586.825.5600 | F 586.825.4454 | flynnj@gdls.com

GLOBAL EMBEDDED TECHNOLOGIES INC. (GLOBAL ET)

www.globalet.com



Power management, control and integration — Global ET is an electrical and software engineering firm dedicated to providing products and solutions that sense, manage, control and integrate electrical loads and power and energy devices. Global ET welcomes the opportunity to work with U.S. Army and defense contractors to apply power control unit and power management application technologies to their vehicles and systems. Global ET works with the U.S. Army Tank Automotive Research, Development and Engineering Center through the Small Business Innovation Research Program and is currently working on a program that applies vehicle power management to ensure safe and robust interaction with smart grid systems.

Mark Stanczak | Program Manager
23900 Freeway Park Drive | Farmington Hills | MI | 48335
T 248.888.9696 | F 248.888.9797 | mark.stanczak@globalet.com

GS YUASA LITHIUM POWER (GYLP)

www.gsyuasa-lp.com



GYLP is a provider of high-performance energy storage solutions for undersea, aerospace, vehicle and other environments. GS Yuasa's experience in large format lithium-ion cells, batteries and management electronics stretches back to 1994. To this heritage, GYLP adds domestic battery engineering, design, test and production capabilities for the support of military and commercial programs in the United States.

Curtis Aldrich | Manager, Sales and Marketing
1150 Northmeadow Pkwy, Suite 118 | Roswell | GA | 30076
T 678.892.7531 | F 678.892.7501 | curtis.aldrich@gsyuasa-lp.com

iROBOT

www.irobot.com



iRobot's combat-proven unmanned ground vehicles protect those in harm's way and save lives every day. More than 3,000 iRobot PackBot robots have been delivered worldwide, successfully performing search, reconnaissance, bomb disposal and other dangerous missions. iRobot's tactical mobile robots, including the Small Unmanned Ground Vehicle, iRobot Warrior and iRobot Negotiator, climb stairs, navigate rubble and penetrate inaccessible areas. With two decades of leadership in the robot industry, iRobot remains committed to establishing robot and software platforms for invention and discovery, building key partnerships to develop mission-critical payloads and creating robots that improve the standards of safety and living worldwide.

Jonathan Lesser | Marketing & Exhibit Manager
8 Crosby Drive | Bedford | MA | 01730
T 781.430.3000 | F 781.430.3898 | jlesser@irobot.com

ITT ENIDINE

<http://www.enidine-defense.com>



ITT Enidine designs and manufactures energy absorption and vibration isolation products for the military and defense sectors. ITT Enidine Defense products are specifically designed for military applications including high energy rope mount mounts for cabinet isolation, shock isolator double acting springs, double acting mechanical shock isolators and wire rope isolators for commercial off-the-shelf electronics. Our extensive knowledge and experience within the military wheeled and tracked vehicle applications enables us to provide our customers with superior analysis, products, services and support. For more information about our products and services please visit <http://www.enidine-defense.com>.

Dan Radice | Program Manager, Aero Engineering
7 Centre Drive | Orchard Park | NY | 14127
T 716.662.1900 | F 716.667.1385 | dan.radice@itt.com



LEX PRODUCTS CORP. www.lexproducts.com

Lex Military Power Systems, a division of Lex Products Corp., designs and manufactures commercial-based rugged, portable, power distribution and control systems for demanding military applications. As the official manufacturer of the U.S. Marine Corps' Mobile Electric Power Distribution-Replacement system, our products have passed the rigorous testing at Aberdeen Test Center in Aberdeen, MD, and surpassed the strictest challenges of field use worldwide.

Vikki Shantz | Business Development Manager - Military Power Systems
401 Shippan Ave. | Stamford | CT | 06902
T 203-274-9905 Direct | F 203.356.0580 | vshantz@lexproducts.com



LMS www.lmsintl.com

LMS is an engineering innovation partner for companies in the automotive, aerospace, defense and other advanced manufacturing industries. With approximately 30 years of experience, LMS helps customers get better products to market faster and turn superior process efficiency into key competitive advantages. LMS solutions for the defense industry include optimizing and validating performance trades to address different mission profiles with a unique combination of professional engineering services, 1-dimensional and 3-dimensional simulation software, and physical testing systems.

Nicole Ellison | Marketing Communications Manager
5755 New King Street | Troy | MI | 48098
T 248.952.5664 | F 248.952.1610 | nicole.ellison@lmsintl.com



LOCKHEED MARTIN MISSILES AND FIRE CONTROL (LMMFC) www.lockheedmartin.com/mfc

LMMFC's business unit is headquartered in Dallas, TX, with major operations in 13 locations in the U.S. and one in the United Kingdom. LMMFC is an internationally recognized designer, developer, manufacturer and logistics provider of precision engagement and defense systems and subsystems for the U.S. and allied militaries. LMMFC has more than 10,000 employees around the globe, and its products are deployed internationally. It is one of the companies that comprise the Lockheed Martin Electronic Systems business area and is a leading business unit of Lockheed Martin Corporation (New York Stock Exchange symbol: LMT), based in Bethesda, MD.

David Rohall | Business Development
1701 W Marshall Drive, PT 42 | Grand Prairie | TX | 75051
T 586.214.2191 | F 248.588.4363 | david.rohall@lmco.com



LORD

www.lord.com

LORD Corporation magneto-rheological suspensions improve vehicle mobility, stability and safety with simple retrofit. Proven on commercial vehicles and demonstrated on more than 10 military vehicles, our solutions provide faster, smoother and safer vehicle performance.... Ask Us How. Visit LORD.com for more information.

James Yakel | Sales/Market Manager
111 Lord Drive | Cary | NC | 27511
T 877.275.5673 | F 919.469.5811 | james.yakel@lord.com

MECHANICAL SIMULATION INTERNATIONAL INC. (MECHSIM)

www.mechsim.com



MECHSIM is an engineering consulting firm that utilizes physics-based modeling and simulation to visualize, analyze and optimize the mechanical performance of military vehicles and cargo handling systems. MECHSIM staff members are highly skilled in three dimensional animation, multibody dynamics, structural analysis, fatigue analysis, vehicle dynamics, automotive engineering and transportability engineering of military systems.

Ford Cook | President
604 Lakeland Crescent | Yorktown | Virginia | 23693
T 757.344.3005 | F 757.282.5782 | ford.cook@mechsim.com

MEGGITT DEFENSE SYSTEMS INC. (MDSI)

www.meggittdefense.com



MDSI is the leader in development and production of thermal management solutions for combat platforms. We are one of the most experienced suppliers of rugged environmental control systems and cooling solutions for ground and air combat vehicles. Our size, weight and power optimized adaptive auxiliary cooling and power solutions are designed to operate in any combat environment. Located in Irvine, CA, we are International Organization for Standardization 9001 and Aerospace 9100 certified and qualified by most original equipment manufacturers for having developed and produced thousands of cooling solutions manned and unmanned platforms, including the U.S. Army M1A2 Systems Enhanced Package Abrams and Multifunction Utility/Logistics Equipment Vehicle.

Gerry Janicki | Senior Director, Thermal Systems Business Development
9801 Muirlands Blvd. | Irvine | CA | 92618
T 949.465.7700 | F 949.465.9560 | gerry.janicki@meggitt.com

MICHIGAN DEFENSE CONTRACT COORDINATION CENTER (DC3)

www.defensedirectory.org | www.michiganadvantage.org



The DC3 works to increase the number of Michigan companies winning defense contracts. The DC3's team of seasoned professionals brings their military backgrounds and government contracting experience to attract defense and homeland security opportunities for Michigan, provide supply chain cluster solutions for defense industry buyers and help buyers solve obsolescent part problems. The DC3 is home to the Defense Capabilities Directory — an exclusive listing of Michigan-based companies that are uniquely qualified to provide goods and services to the Department of Defense. Housed at www.defensedirectory.org, the directory catalogs the tremendous capabilities of Michigan manufacturers.

Rochelle Caslavka | Executive Administrative Assistant
 300 N. Washington Square | Lansing | MI | 48913
 T 517.373.8748 | caslavkar@michigan.org

MILITARY BATTERY SYSTEMS INC.

www.milbatteries.com



Military factory-direct representatives for batteries, battery maintenance equipment and vehicle battery/power accessories. Optima spiral cell batteries with the highest power per pound. Power Products battery recovery and maintenance equipment. AB Connectors cable harnesses, mil-connectors and NATO connectors. HDM Systems vehicle battery monitoring system, rugged direct current/alternating current inverters and multi-battery pack management.

Jim Wagner | President
 24741 Westridge Rd. | Golden | CO | 80403
 T 970.586.0660 | F 970.586.0880 | jim@milbatteries.com

MUNRO & ASSOCIATES INC.

www.leandesign.com



Munro & Associates Inc. is a world-class product development organization with 22 years focused on affordability, producibility and readiness through lean design integration, cost reduction, lean manufacturing and quality improvement. Munro provides detailed cost analysis tools with repeatable, consistent metrics that expose, predict and quantify production and life cycle costs early at the concept phase and through the acquisition process. Munro provides Manufacturing Readiness Level tools and assessments, a 26,000-square-foot benchmarking and technology transfer facility, should-cost estimating and factory production design and logistics implementation.

Joseph Feord | VP Business Development
 1749 Northwood Drive | Troy | MI | 48084
 T 248.362.5110 | F 248.362.5117 | jfeord@leandesign.com



NOREGON SYSTEMS INC.

www.noregon.com

Noregon Systems Inc. is a software consulting and product development firm providing business and engineering solutions for the military and commercial industries. Noregon is a Capability Maturity Model Integration Level 3 certified small business. Noregon has been in business for 20 years, delivering technology solutions to companies such as AM General, BAE, General Dynamics Land Systems, Ford, Allison, SAIC, DRS, IBM and others. Noregon specializes in information technology solutions in the e-business, systems integration and application arenas. We have unique capabilities related to diagnostics, predictive diagnostics and condition-based maintenance. Noregon Systems is the recognized expert in vehicle protocols and databases. Noregon Systems is a proven solutions provider with a reputation for delivering on time, on budget.

John A. McNelis | Director of Sales
100 N. Main Street | Winston-Salem | NC | 27101
T 248.804.8613 | F 336.760.2540 | jmcnelis@noregon.com

OSHKOSH DEFENSE

www.oshkoshdefense.com



Oshkosh Defense, a division of Oshkosh Corporation, is an industry-leading global designer and manufacturer of tactical military trucks and armored wheeled vehicles, delivering a full product line of conventional and hybrid vehicles, advanced armor options, proprietary suspensions and vehicles with payloads that can exceed 70 tons. Oshkosh Defense provides a global service and supply network including full life-cycle support and remanufacturing, and its vehicles are recognized the world over for superior performance, reliability and protection. For more information, visit www.oshkoshdefense.com

Mark Drouillard | Director of Government Marketing
2307 Oregon Street | Oshkosh | WI | 54902
T 920.235.9151 | F 920.233.9506 | mdrouillard@defense.oshkoshcorp.com

PEWAG CHAIN INC.

www.pewagchain.com



Pewag Chain Inc. continues to provide exceptional quality traction solutions for military and civilian vehicles. With our innovative design and commitment to excellence, we offer the world's most reliable source for traction products. Our dynamic "Square-Link" chains are used widely throughout the United States military as well as NATO forces. Breaking through technological boundaries, Pewag Chain Inc. has researched and developed the strongest, lightest and most economical traction products available on the market.

Eric Sullwold | Traction Division Manager
3825 Cincinnati Ave. Suite D | Rocklin | CA | 95765
T 800.445.2895 | F 916.408.0575 | erics@pewagchain.com



POLARIS SENSOR TECHNOLOGIES, INC. www.polarissensor.com

Polaris Sensor Technologies, Inc. is a highly successful woman-owned small business specializing in developing and integrating high-performance electro-optical sensors and systems for the Department of Defense and industry customers. Polaris' expertise includes custom and next-generation optical systems with extensive experience in displays, cameras and 3-dimensional (3-D) visualization systems across the optical spectrum with applications that include 3-D robotic vision and visualization, terrain generation and machine vision. Polaris is seven years old with 25 employees in the high-tech haven of Huntsville, AL. Further information is available at PolarisSensor.com and (256) 562-0087.

Dr. David B. Chenault | President
200 Westside Square, Suite 320 | Huntsville | AL | 35801
T 256.562.0087 | F 256.562.0088 | david.chenault@polarissensor.com

POWERS AND SONS LLC www.powersandsonslc.com



Powers and Sons LLC is a company specializing in quality steering linkage systems and suspension products. Founded in 1931, Powers has grown from a small machine shop into a global company providing an array of quality products to major original equipment manufacturers. With our highly qualified, full-service design and product development capabilities, Powers has been able to maintain its quality and innovation leadership position within the steering and suspension industries. Headquarters are in Montpelier, OH, and operations in Pioneer, OH, supported by a Sales office located in Plymouth, MI.

Ron North | Sales & Marketing Manager
44700 Helm Street | Plymouth | MI | 48322
T 734.748.5603 | F 734.254.9517 | rnorth@powersandsonslc.com

PRATT & MILLER ENGINEERING www.prattmiller.com



Pratt & Miller is a full-service company specializing in engineering, design, development and manufacturing for the motorsports, automotive, aerospace and defense industries. With schedule compression a priority in the defense industry, we offer a comprehensive approach to complete product development. Our facilities feature state-of-the-art manufacturing capabilities in machining, fabrication, composites, electronics and assembly.

Brandon Widmer | Business Development Manager
29600 W.K. Smith Drive | New Hudson | MI | 48165
T 248.446.9800 | F 248.446.9020 | bwidmer@prattmiller.com

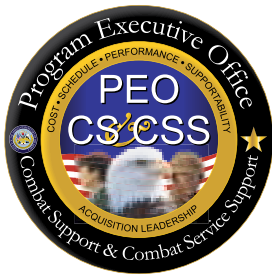
PROCUREMENT TECHNICAL ASSISTANCE CENTERS (PTACS) www.ptacsofmichigan.org



The PTACs of Michigan are not-for-profit organizations funded by the Defense Logistics Agency, the Michigan Economic Development Corporation and local funding partners. The PTACs support our national security by ensuring a broad base of capable suppliers for the defense industry and other agencies, thereby increasing competition, which supports better products and services at lower costs. The mission of the PTAC of Michigan is to enhance national defense and economic development of the State of Michigan by assisting Michigan businesses in obtaining and performing on federal, state and local government contracts.

Beth Cyderman Moss | Director, Macomb Regional PTAC
 7900 Tank Avenue | Warren | MI | 48092
 T 586.498.4122 | F 586.498.4165 | cryderman-mossb@macomb.edu

PROGRAM EXECUTIVE OFFICE COMBAT SUPPORT AND COMBAT SERVICE SUPPORT (PEO CS&CSS) <http://peocscss.tacom.army.mil>



PEO CS&CSS directs and coordinates the efforts of four project and 17 product managers for more than 350 Army systems, including several Joint Service programs. Our aim is to equip joint warfighters with the world's best capability — today and tomorrow — using the Department of Defense's best acquisition workforce. PEO CS&CSS concentrates on force projection equipment, joint combat support systems, Mine Resistant Ambush Protected and route clearance vehicles, and tactical vehicles. Striving to be prepared for changes in missions, threats and technologies, PEO CS&CSS utilizes the right people to provide the right product, at the right time, from the right source, at the right price. We are committed to supporting the goals and performance of our Joint and expeditionary forces.

Ashley John/Mark Barbes | PEO CS&CSS Public Affairs
 6501 East 11 Mile Road, SFAE-CSS/MS 232 | Warren | MI | 48397-5000
 T 586.282.6963/586.282.2397 | F 586.282.4283 | ashley.john@us.army.mil/
 markbarbes@us.army.mil

PROGRAM EXECUTIVE OFFICE GROUND COMBAT SYSTEMS (PEO GCS) www.peogcs.army.mil



PEO GCS serves as the systems' integrator and life cycle manager for transforming, replacing and modernizing the ground combat fleet for our Warfighter. We maintain a joint perspective in leading the development, acquisition, testing, systems' integration, product improvement and fielding for the Stryker and Bradley Family of Vehicles, Abrams tanks, Paladin, the Joint Lightweight 155 millimeter Howitzer and Unmanned Ground Vehicles and ensure programs meet cost, schedule and performance goals.

With the addition of the Ground Combat Vehicle Project Management Office, we are spearheading the design and development of the Army's next generation Infantry Fighting Vehicle.

PEO Ground Combat Systems: Our mission is our Warfighters' future

Lori Grein | Public Affairs
 6501 East 11 Mile Road | Building 229 | Warren | MI | 48397
 T 586.215.9907 | F 586.282.7885 | lori.grein@us.army.mil

PROGRAM EXECUTIVE OFFICE (PEO) LAND SYSTEMS

<https://www.marcorsyscom.usmc.mil/peolandsystems>



PEO Land Systems will meet warfighters' needs by devoting full-time attention to U.S. Marine Corps weapon systems acquisition, while partnering with Marine Corps Systems Command in order to develop, deliver and provide life-cycle planning for assigned programs. PEO Land Systems serves as the preeminent focal point and standard bearer for excellence and innovation in major land program acquisition management. Corps. Land Systems' versatility is reflected in its broad portfolio management of Common Aviation Command and Control System, Ground-Air Task Oriented Radar, the Lightweight 155 millimeter Towed Howitzer, ground mobility programs including the Joint Light Tactical Vehicle, Logistics Vehicle System Replacement, Medium Tactical Vehicle Replacement, and the Marine Personnel Carrier.

David M. Branham | PEO Land Systems Public Affairs
Building 2211, 2200 Lester Street | Quantico | VA | 22134
T 703.432.5617 | F 703.432.3371 | david.branham@usmc.mil

PSI REPAIR SERVICES INC.

www.psi-repair.com

PSI Repair Services offers comprehensive sustainment programs for military ground vehicle technology to keep components performing at or above required levels. Solutions include custom-engineered assets, asset remanufacturing and surplus management. Our experienced engineers utilize proven technologies to provide mission-ready sustainment capabilities for critical electronic, hydraulic and precision mechanical components.

John Greulich | Director of Sales
11900 Mayfield | Livonia | MI | 48150
T 734.853.5000 | F 734.853.5014 | john.greulich@psi-corp.com

RAYTHEON COMPANY

www.raytheon.com

Raytheon Company, with 2009 sales of \$25 billion, is a technology and innovation leader specializing in defense, homeland security and other government markets throughout the world. With a history of innovation spanning 88 years, Raytheon provides state-of-the-art electronics, mission systems integration and other capabilities in the areas of sensing; effects; and command, control, communications and intelligence systems, as well as a broad range of mission-support services. With headquarters in Waltham, MA, Raytheon employs 75,000 people worldwide.

Brent White | Trade Show Manager
1151 E. Hermans Rd. | Tucson | AZ | 85706
T 520.794.3075 | F 520.794.1315 | brent.white@raytheon.com



Raytheon

Customer Success Is Our Mission

SAFT AMERICA INC. www.saftbatteries.com



Saft is a world specialist in the design and manufacture of high-tech batteries for industry, space and defense. Saft is a leader in the development and supply of advanced lithium-ion battery systems for a variety of defense applications, including hybrid-electric combat vehicles, military ground vehicles, unmanned systems (ground and underwater), defense aircraft and laser weapons. Saft offers fully integrated, complete battery systems, including electronics and monitoring, with safety and performance in mind. With approximately 4,000 employees worldwide, Saft is present in 18 countries. Its 15 manufacturing sites and extensive sales network enable the group to serve its customers worldwide.

Jim Hess | Defense Sales Director
107 Beaver Court | Cockeysville | MD | 21030
T 410.771.3200 | F 410.771.0234 | jim.hess@saftbatteries.com

SAIC www.saic.com



SAIC is a Fortune 500 scientific, engineering and technology applications company that uses its deep domain knowledge to solve problems of vital importance to the Nation and the world in national security, energy and the environment, critical infrastructure, and health. The company's approximately 45,000 employees serve customers in the Department of Defense, intelligence community, Department of Homeland Security, other U.S. government civil agencies and selected commercial markets. Headquartered in McLean, VA, SAIC had annual revenues of \$10.8 billion for its fiscal year that ended Jan. 31, 2010. For more information, visit www.saic.com. SAIC: From Science to Solutions.

Gerald R. Lane | Program Manager/Business Developer
6300 18 1/2 Mile Road | Sterling Heights | MI | 48314
T 586.983.5062 | F 586.254.6869 | gerald.r.lane@saic.com

SCHULER INCORPORATED www.schulerinc.com



Schuler offers part production for hydroform components for vehicles such as structural components (i.e. frames and engine cradles), exhaust components and fittings. We offer services to develop, engineer, prototype and manufacture hydroform parts from our facility in Canton, MI. Hydroform design offers the ability to form hollow complex metal shapes for greater rigidity and strength, reduced weight, integration of multiple manufacturing procedures, fewer joining/assembly operations, as well as a high degree of accuracy and repeatability. We also sell all the equipment required for hydroforming — production dies, presses and turnkey production lines.

Robert Rich | Vice President and General Manager-Hydroforming
7145 Commerce Blvd. | Canton | MI | 48187
T 734.207.7200 | F 734.207.7260 | bob.rich@schulerinc.com



SENSATA TECHNOLOGIES

<http://dimensions.sensata.com>

DC to AC inverters from 300 to 12000 watts. Products are manufactured in the U.S.A.

Dick Dean | Product/Marketing Manager
4467 White Bear Parkway | White Bear Lake | MN | 55110
T 800.553.6418 | F 651.653.7600 | dick.dean@sensata.com



SOLIDICA

SOLIDICA

www.solidica.com

Solidica is an industry leader in wireless/wired network sensing and telematics systems, providing military-grade devices for both military and commercial industries. Applications include: smart armor, real-time vehicle health monitoring, battery health, safety, operator performance, asset tracking and condition-based maintenance. Solidica has provided technology implementation through program awards and active engagements resulting in an aggregate of more than \$10 million in less than five years. Focused on strong collaboration with our customers and partners, Solidica seeks to deliver integrated, rugged systems that address an array of customer needs — establishing the link from vehicle environment sensing to knowledge management.

Denise Graves | Manager, New Business Development
1194 Oak Valley Dr., Suite 80 | Ann Arbor | MI | 48108
T 734.222.4680 x108 | F 734.222.4681 | denise.graves@solidica.com



SPACECLAIM CORPORATION

www.spaceclaim.com

SpaceClaim Engineer is the world's fastest, most innovative and easiest to learn and use 3D solid modeler. This must-have tool gives engineers the freedom and flexibility to capture ideas easily, directly edit solid models regardless of their origin, and simplify designs in 3D for analysis, prototyping, and manufacturing. SpaceClaim lets design and engineering teams work concurrently, finish projects at a fraction of the cost, and accelerate time-to-market. With SpaceClaim 3D design software, you can edit 3D designs based on intent, regardless of how the model was created, and experiment freely with design concepts, unrestricted by complex parameters and restraints.

Tim McGrath | Corporate Account Executive
150 Baker Avenue Extension | Concord | MA | 01742
T 248.568.5995 | F 248.669.7165 | tim.mcgrath@spaceclaim.com

SPIRALOCK

www.spiralock.com



Spiralock Corporation provides military-approved, self-locking, reusable fasteners by using a unique internal thread form that incorporates a 30° wedge ramp at the root of the thread. Spiralock is exceptionally resistant to loosening caused by transverse vibration. Spiralock products include flange nuts, self-clinching nuts and wire thread inserts. Since Spiralock is a female thread form, we provide thread cutting tools and gages to use Spiralock in tapped hole applications. Spiralock is currently used in military vehicle applications, such as transmission and suspension mounting, armor plate, radiator, GPS mounting, frame cross members, hood-to-cab assembly, fender attachments and many others.

Kevin Peacock | Sr. Technical Sales Specialist
25235 Dequindre Rd. | Madison Heights | MI | 48071
T 248.543.7800 | F 248.543.1403 | kevin.peacock@bdk.com

STÄUBLI

www.staubli.com



As one of the leading manufacturers of quick connector systems for more than 50 years, Stäubli covers connection needs for all types of fluids, gases and electrical power. The experience we have gained over this time in active partnership with manufacturers and users has increased our technical expertise and enabled us to meet the technical and precision requirements demanded by military applications. Whether your needs require a standard or customized connection solution, our team of professionals will provide full support throughout your development cycle, resulting in superior performance, quality, safety, dependability and durability.

Rusty Robertson | Defense Application Specialist
PO Box 189, 201 Parkway West | Duncan | SC | 29334
T 800.845.9193 | F 864.486.5495 | r.robertson@staubli.com

TAKATA

www.takata.com



Takata is one of the leading developers and manufacturers of airbags, seatbelts, steering wheels and industrial fabrics. Takata is a full-vehicle safety system integrator, ensuring that the airbags, seatbelts, electronics, etc., perform together to achieve optimum occupant safety. Takata's expertise includes vehicle crash environments, human kinematic response to input accelerations, human tolerance to abrupt accelerations, whole body and regional (head, neck, abdomen and femur), human variability in anthropometry and impact tolerance, injury mechanisms, crash performance of existing systems, effects of design features on system performance (crash response of a vehicle) and occupant response to acceleration.

Jeff Austin | Business Development
2500 Takata Dr. | Auburn Hills | MI | 48326
T 248.475.2410 | F 248.373.2897 | jeff.austin@takata.com



America

TÜV SÜD AMERICA INC.

www.TUVamerica.com

TÜV SÜD America Inc. is a globally recognized testing organization that provides component durability and performance testing for your military application. Our accredited labs perform battery testing, vibration, mechanical, electrical, environmental, electromagnetic capabilities and fluids tests as well as custom test setups. TÜV SÜD Testing Equipment group also designs, builds and engineers specialized test equipment and vibration systems. Worldwide, we offer chassis and power train integration and application, crash testing, fuel cell technology, testing, consulting and noise emission testing. With numerous U.S. labs and the strength of TÜV SÜD America, we can help you with your testing needs. Visit us at booth F5.

Nick Flesher | Account Manager
 345 East 48th Street | Holland | MI | 49423
 T 616.546.3902 | F 616.546.3903 | info@tuvam.com

TVI SUPPLY

www.tvisupply.com



TVI Supply is a customer-driven supplier of leading brand industrial; maintenance, repair and overhaul; safety; janitorial; and office products. We are a global provider to government and commercial companies and a certified minority, woman-owned, service disabled veteran-owned small business. With over 1.2 million products available, we offer the most reliable, name brand, industrial and office products, including AbilityOne and environmentally-friendly products. Our goal is to be an extension of your business. To seamlessly interact with your procurement process — making it hassle-free for you to perform your job. Whether your order is big or small — we're glad to help.

Tami Fettes | Sales Representative
 25200 Malvina Ave. | Warren | MI | 48089
 T 800.893.1525 | F 586.283.8188 | tfettes@tvihq.com

TYCO ELECTRONICS LTD.

www.tycoelectronics.com/ADM

Tyco Electronics Ltd. is a leading global provider of engineered electronic components, network solutions, specialty products and undersea telecommunication systems with fiscal 2009 sales of \$10.3 billion to customers in more than 150 countries. We design, manufacture and market products for customers in a broad array of industries, including automotive; data communication systems and consumer electronics; telecommunications; aerospace, defense and marine; medical; energy; and lighting. With approximately 7,000 engineers and worldwide manufacturing, sales and customer service capabilities, Tyco Electronics' commitment is our customers' advantage. More information on Tyco Electronics can be found at <http://www.tycoelectronics.com/>.



Brian Holtman | Manager, Business Development
 PO Box 3608 MS 258-23 | Harrisburg | PA | 17105
 T 614.886.7174 | F 614.766.7999 | bsholtman@tycoelectronics.com

U.S. ARMY COMMUNICATIONS-ELECTRONICS RESEARCH, DEVELOPMENT AND ENGINEERING CENTER (CERDEC)

www.cerdec.army.mil



As the Army's information technologies and integrated systems research, development and engineering center, CERDEC develops and integrates command, control, communications, computers, intelligence, surveillance and reconnaissance (C4ISR) technologies that enable warfighters to sense the battle space, deny and disrupt enemy efforts, remain "connected" to achieve and sustain information superiority, strike with decisive lethality and survive. CERDEC leverages the technical capability of its world-renowned scientists and engineers and strategic partnerships with other experts in industry and academia to find solutions that span the entire C4ISR domain. CERDEC has facilities at Fort Monmouth, NJ; Fort Dix, NJ; Aberdeen Proving Ground, MD; and Fort Belvoir, VA.

Kashia Simmons | CERDEC Public Affairs Office
 Bldg. 2700 | Fort Monmouth | NJ | 07703
 T 732.532.5225 | F 732.427.2800 | monm-cerdecpao@conus.army.mil

U.S. ARMY TANK AUTOMOTIVE RESEARCH, DEVELOPMENT AND ENGINEERING CENTER (TARDEC)

<http://tardec.army.mil>



TARDEC serves as Ground Systems Integration lead for all DOD manned and unmanned ground vehicle systems and as the automotive conduit between the government, industry and its academic partners. TARDEC works with the rest of the Ground Systems Enterprise to develop and integrate advanced ground vehicle technologies and systems engineering solutions. The TARDEC exhibit space will tell the Ground Systems Integration story and includes: Modeling & Simulation, Test & Validation, Power & Energy, Vehicle Electronics & Architecture, Condition-Based Maintenance, Systems Engineering and Integration, and the Joint Center for Robotics.

Mike Roddin | Director of Strategic Communications
 6501 East 11 Mile Road | Bldg. 200 | Warren | MI | 48397
 T 586.282.6534 | F 586.282.6941 | mike.rodin@us.army.mil

WOMEN IN DEFENSE (WID)

<http://wid-mi.org>



WID Michigan Chapter, a national security organization, is a nonprofit professional networking and development organization for women and men across Michigan who contribute to national defense and security. WID provides its members with opportunities to interact, exchange ideas and work with the Michigan defense industry for the mutual benefit of its leaders by hosting diverse and inspiring events. WID is a National Defense Industrial Association affiliate.

Women in Defense
 P.O. Box 4744 | Troy | MI | 48099
 T 248.643.6590 | events@wid-mi.com