



Small Business Product Vendor Showcase Oct. 18, 2017 Vendor Catalog

Addaero Manufacturing (www.addaero-mfg.com) (860) 259-6346

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Addaero Manufacturing is a world leader in Additive Manufacturing (AM) for Aerospace & Defense applications. Based in New Britain, Connecticut we are an AS9100C / ISO 9001/ITAR approved small business and SBA Hubzone certified. We offer the fabrication of components in the following materials Ti 6-4, Ti Grade 2, Inconel 718, Inconel 625, and AlSiMg. Our largest build envelope can fabricate up to 13.5 inches in diameter by 15 inches high. We offer a full suite of capabilities including part fabrication, NDT, Heat Treat, Machining, and Special Processes. Addaero focuses on the manufacture of production components and is one of the only companies in the world to have delivered flight critical AM components to the aerospace industry for production applications. We can also assist in design for additive manufacturing (DFAM) and work with your team to ensure you are able to maximize the benefits of AM for your application.

American Tool Company (www.americantoolcompany.com) 401-333-0111

Booth: 40

American Tool Company in Lincoln, RI is celebrating 100 years in business in 2018. Today, ATC is focused on complicated, short run, machined parts that range in size from a few pounds to 15,000 pounds. Being a one off and large diameter specialist, American Tool is proud of the highly skilled machinists we have on staff. The longevity of the employees with the company (some have been here for almost 25 years), teamed with their wealth of knowledge allows us to retain the high standards for accuracy we strive for on every part and helps to serve our customers better as we look to remain a strong and competitive manufacturing company. We are a small business concern that focuses on an open and honest relationship with our customers. Recently, 2 additional CNC machines have been added to our shop: a Mazak QT40 Lathe (with a 15" chuck x 60" between centers) and a Mazak FH6800 (2 pallet with 24" pallets). We also have six vertical CNC machining centers ranging in size from the standard 20" x 40" to 30" x 80" with full fourth axis capabilities. Four of the vertical machines are bridge type machines that offer superior precision as well as repeatability. One of the verticals is a pallet machine as well. ATC has a horizontal six pallet machining center that comes in handy when a customer calls for a part that they need right away. The lathe department also has two CNC lathes. One has an 8" chuck x 24" between centers and the other has a 15" chuck x 44" between centers. In 2014 a new CNC VTL was installed that has a 32" chuck that can swing 48" x 34" tall. We also have a full Manual department which consists of a boring mill that has a work envelope of 72" x 96" x 48" with a 50" x 50" rotary table, a VTL with a 36" chuck, Blanchard grinding up to 48" in diameter, as well as Bridgeports and lathes. ISO 9001 and DFARS 800-171 compliance are being implemented into our quality program during the second half of 2017.

AMTI (Advanced Manufacturing Technology, Inc.) (<http://www.amticorp.com>) (434) 385-7197 **Booth: 28**

AMTI is a high-tech electronics and industrialization company that provides clients with advanced capability along with robust processes and quality standards that deliver results to innovators in the Defense and Homeland Security markets. AMTI is a registered veteran owned small business, that has extensive direct experience advancing some of the most challenging technologies from design all the way into the field of operation. Dedicated, experienced, program managers guide our clients each step of the way ensuring that important technology is implemented with minimal delay and cost. Our high-tech 40,000 sq ft Defense Qualified manufacturing facility is suited not only to support the production of cutting edge electronics, but also comprehensive product and electronic ruggedization allowing us to build products for most hostile environments. AMTI has extensive experience certifying and conforming to most industry certifications and MIL-SPEC standards.



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Annapolis Micro Systems (www.amticorp.com) 434-851-5683

Booth: 16

Annapolis Micro Systems designs and manufactures COTS products in Annapolis, Maryland, USA for high-performance data acquisition, signal processing and data recording. We address the most demanding applications in Electronic Warfare, SW Radio, SIGINT, ELINT, COMINT, SATCOM, Radar, and Cyber Security. We provide the densest and lowest latency FPGA processing and highest data bandwidths available. These products are provided in an open COTS EcoSystem of boards and subsystems, which reduce project risk significantly. We provide these EcoSystems on four platforms: 6U OpenVPX, 3U OpenVPX, PCIe, and MicroTCA. An EcoSystem includes FPGA boards with up to 3 large FPGAs, data recording at up to 14 GB/s, open network-centric 10 and 40 GigE switching, and analog performance up to 32.0 GSps. Our Open Project Builder software tool increases application development efficiency. It provides a VHDL- or GUI-based FPGA application development with interfaces to open software VHDL and OpenCL. Shorten FPGA application development time by up to 10x in real-world applications.

Assett, Inc. (<http://asset.net>) 757-685-6655 (cell)

Booth:17

Advanced Systems Supportability Engineering Technologies and Tools, known as **ASSETT, Inc.**, is an industry-leading intelligent systems engineering firm based in Manassas, VA. We are a small business currently going through implementation and evaluation for CMMI Level 3. ASSETT has harnessed decades of senior technology and thought leadership to deliver high-end systems, software, and hardware solutions to defense, government, and commercial markets since 2001. Our customer-driven approach has earned us business from all branches of the military, who trust ASSETT to not only create, but innovate. We create intelligent systems in the areas of cyber security, acoustics and signal processing, command and control, intelligent power, and human-machine teaming. Our point of contact is Andrew Xifos, 757-685-6655, andrew.xifos@asset.net. CAGE Code: 1TZ88. NAICS codes: 541330, 541512, 541712, 334511, 518210, 541511, 541614.

AstroNova Test & Measurement Inc. (www.astronovainc.com) 978-660-8057

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Since 1969, AstroNova® Test & Measurement has been a pioneer in the data acquisition industry. Building a strong legacy with our high quality, U.S. Rhode Island made products; our customers have come to rely on us for all their data recording needs. As engineers, we understand the importance of data acquisition applications, which is why we design our products with both precision and user experience in mind. Through the years, we have developed a reputation for our accurate, turnkey products and unrivaled technical support engineers, known for providing expert support whenever it is required. Our company is committed to innovation and adaptation, ensuring we meet the ever-changing needs and tailored applications of our customers. AstroNova has been ISO 9001-certified since 1993, AS9100- certified since 2009 and maintains FAA part 145 facility certifications and ISO standards.

Claflin Associates Inc. (www.888claflin.com) (978) 840-88800

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Representative/Distributor for Electronic Instruments/Sub-Systems & OEM Products from High Quality Small Businesses: MATRIX SWITCHES DC-40 GHZ to 1024x1024-Data-Video-Baseband-IF-RF Microwave-Critical App. from Universal Switching Corp.; TIME & FREQUENCY-GPS & SAASM with LPN Outputs, Clock Rates, Ethernet PTPv2 & NTP, Time Codes from FEI-Zyfer Inc.; GPS & IRIG-B in PCIe/USB from JTIME; ETHERNET Switches and USB Hubs in MIL small form factor & boards from Mil Source; Precision NAVIGATION/Attitude/Relative Nav/Data Fusion GPS/Inertial from Geodetics; TELEMETRY Products including Software Defined Radio RCVR, DownConv., Combiner/IF, Demod, Bit Sync, PCM, Base & Remote Test Sets from Lumistar; DC/DC CONVERTERS & POWER



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SUPPLIES/SYSTEMS from 1 Watt to 3KW from MDI; Custom Unstuffed CIRCUIT BOARD MFR including specialty ultra-thin to ultra large from Brigitflex.

Cobolt Digital (www.coboltdigital.com) 217-531-0165

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Custom Molded Products Inc. (www.custommoldedri.com) (401)464-9991

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Custom Molded Products has been in business since 1985 as service-disabled veteran-owned small business located in North Providence Rhode Island. CMP is a custom manufacturer of cast polyurethane and molded rubber parts for the commercial and military industries. We are capable of multiple molding processes such as: Compression, Transfer, Pressure, and Centrifugal. We formulate polyurethane compounds, mold them or purchased rubber to meet hardness requirements. then machine molded parts to tight tolerances for finished products that meet the appropriate Mill-Specs and/or Customer requirements. We regularly perform work per government contracts for applications in all branches of the military. Our commitment to quality products has landed us sole source parts with DLA Aviation and NSWC Dahlgren, as well as a 5 year multimillion dollar IDIQ for the NSWC Crane. We are working to become registered to the ISO 9001 Quality Management System Standard to ensure our processes are effective, efficient, and appropriate to our needs.

Diversified Technologies, Inc. (www.divtecs.com) (781) 275-9444

Booth: 35

Diversified Technologies, Inc. (DTI) designs, manufactures, and markets the patented PowerMod(tm) line of high-voltage, solid-state, pulsed power modulators, switching power supplies and control systems. DTI's PowerMod technology is the recipient of prestigious local and national awards, and is recognized as a true breakthrough in high-voltage electronic design. DTI has provided hundreds of systems to customers including the Department of Energy, Department of Defense, National Science Foundation, leading universities, national laboratories, and private sector companies. DTI's systems are critical elements for a range high power applications including radar transmitters, medical electronics, high energy physics research, energy conversion, and food, wastewater, and biomass processing. DTI seeks to continually extend the state-of-the-art in the design, manufacture, and integration of the highest quality solid-state systems for decades of reliable performance.

Electro Enterprises, Inc (www.electroenterprises.com) (405) 427-6591

Booth: 10

Electro Enterprises is a Small, Woman-Owned electronic components distributor headquartered in Oklahoma City, OK. As a leading Franchised/Authorized stocking distributor of interconnect, electro-mechanical, wire/cable, and wire harness management products, Electro has positioned itself as one of the top distributors in the world. From standard mil-spec product, to high-speed interconnect solutions, we have it all in stock, ready for shipment. For more than 40 years, Electro Enterprises has been providing superior electronic components at competitive prices to various markets around the world. Our broad listing of Franchised/Authorized and Value-Added lines, coupled with our expansive off-the-shelf availability, exhibits our continued growth and determination to provide all of our customers with a single source of supply, and someone who can bring it all together! DIVERSIFIED TECHNOLOGIES

Empire Prototype Group (www.empireprototype.com) (508) 222-3003

Booth: 15

Empire Prototype, established in 1999, is an industry leader specializing in product development for the Consumer Product, Medical, Military and Automotive industries. Our services are designed to support a one-of-a-kind concept up to multiple duplications, including short run assemblies. At Empire our main focus is providing the best product development support by utilizing the latest technologies available and by continually improving our ISO 9001 Quality Management System. Our Massachusetts-based facility provides Engineering, Design, CNC, Rapid Prototyping, CAD Development, Model Prototyping, Digital Sculpture, Painting and Urethane Casting services. For



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over 15 years, having these in-house capabilities have allowed us to maintain a high level of quality control over every step of the development process.

Espey MFG (www.espey.com) 518-245-4282

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Espey Manufacturing & Electronics Corporation designs, develops, tests and manufactures specialized Military and Rugged Industrial Power Supplies and Transformers for use in harsh or severe environment applications. An Original Equipment Manufacturing (OEM) Company, Espey has been in business for more than 85 years designing and developing "Best in Class" products in support of our government and the Warfighter. Espey is a fully vertically integrated manufacturing company with product development, engineering, power supply and transformer assembly, sheet metal fabrication, machining, painting/coating, electrical/mechanical assembly and transformer coil winding capabilities all on-site at our 150,000+ square foot facility located in Saratoga Springs, NY. Espey is a highly successful small business that is ISO9001-2008 & AS9100C certified. Espey routinely designs, develops and tests Military Power Supplies and Transformers to standards that include MIL-STD-810, MIL-STD-461, MIL-STD-1275, MIL-STD-1399, MIL-STD-704 and MIL-STD-108 in our state of the art testing facilities.

Evans Capacitor Company (www.evanscap.com) 401-435-3555

Booth: 30

Evans Capacitor designs and manufactures EVANSCAPS... the most power dense capacitors in the world. EVANSCAPS provide this maximum power in a ruggedized, hermetic tantalum package. In a world of limited space and weight, EVANSCAPS provide high capacitance, low ESR and excellent heat transfer, while minimizing weight and volume. EVANSCAPS enable very high current pulses and a lifetime of reliable service. Common applications are Phased array radar and Jammers (Transmit / Receive modules), Pulse power for Lasers, and Avionics power hold up and filtering. Evans Capacitor is AS9100/ISO9001 certified and a supplier to virtually all of the Tier 1 defense contractors.

Falmouth Scientific, Inc. (www.falmouth.com) 508-564-7640 ext. 112

Booth: 7

Falmouth Scientific, Inc. (FSI) (www.falmouth.com) 508-564-7640 FSI is a leader in the design and manufacture of precision marine and oceanographic instrumentation and systems. Our sensor-based products include sub-bottom and side scan sonar imaging systems; current, wave, and tide meters; acoustic transducer development, manufacturing, and test; and acoustic positioning systems. Services include custom design, development, integration, and production of marine technology systems, as well as value-added services such as prototyping, product assembly, potting, calibration, and pressure testing. Our resources include all necessary environmental and electronic test equipment required for the design, development, and testing of oceanographic sensors and underwater acoustic systems. This includes a completely equipped acoustic test tank for performing transducer beam patterns and sensitivity measurements; a pressure test chamber; a pull-test facility; low- and high-temperature ovens; a calibration facility with multiple constant-temperature baths, salinity baths, and precision references; and all the necessary electronic test equipment to support these areas. Present NUWC efforts include the supply of DT-705 CTD sensors (Conductivity-Temperature-Depth), and the Sonar Projector Array Technical Refresh Program.



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Globe Composite Solutions, Ltd. (www.globecomposite.com) 781-681-6838.

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Globe is a 127 year-old fully-integrated manufacturer of non-metallic components for submersible and industrial applications. We specialize in design, prototyping and manufacturing parts in virtually any geometry, size or quantity and use a broad spectrum of composite materials (i.e., thermosets, thermoplastics, epoxies, FRP, GRP, silicones, rubber, etc.). Additionally, we have comprehensive physical and material testing capabilities, including state of the art dynamic mechanical analysis (DMA). Globe produces a wide range of classified and unclassified components for submarines and UUVs including acoustic panels and coatings, precision high strength gaskets and seals, thrust bearings, fairings, surface control devices, transducer covers, propeller components, weapons dollies and other technically demanding parts. Globe's technology & design center is located in Stoughton MA. ISO 9001:2008 certified, CAGE code: 82094.

Goodwin-Bradley (www.goodwin-bradley.com) (401) 461-5220

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Goodwin-Bradley celebrated 100 years in business in 2012. We are proud of our longevity and the opportunity to have participated in projects with notables such as Henry Ford on the Model T Engine, Igor Sikorsky on the first prototype helicopters, Pratt & Whitney on the Wasp Engine, General Electric on the first US built Jet Engine, Hyman Rickover on the first atomic submarine, Nautilus, General Dynamics on most of the submarines that followed, and many, many others. Our early years were confined to tooling for metal casting. Although we still continue to serve the foundry industry, we have diversified into many areas including molds for the rubber Industry (especially for complex, aerospace, rubber seals), tooling for forming and metal parts for the aerospace industry and just about anything else we are challenged with. We also produce OEM parts manufactured to our customer's specifications. Our more than 10 decades of experience provide a resource that will not only produce the product our customer wants, but also will offer our insight and experience to make their products better. We are ISO 9001 compliant. We regularly perform work for government contracts in all branches of the military. Our Philosophy is to work closely with our customers to provide them with exactly what they need when they need it. Goodwin-Bradley has 10 CNC machining centers with capacity from 16" x 20" x 24" to our newest machine that gives us a 60" x 150" x 24" working envelope. Our 5 axis CNC router has a working envelope of 60" x 60" x 60", as well as CNC lathes. We are often involved in the design process and pride ourselves on being able to do what most others either cannot or will not do. We eagerly look forward to providing solutions to your problems.

Granite State Manufacturing, Inc. (www.granitestatemfg.com) 603-668-1900

Booth: 23

Granite State Manufacturing (GSM) is a leading contract manufacturer of specialized equipment for Defense, Medical and Industrial markets. GSM is your strategic small business partner with extensive expertise in complex program management, precision machining, fabrication and assembly; Mil-Spec and NAVSEA certified welding; towed array cable handling and system testing; and value engineering. For more than 75 years, GSM has been providing integrated manufacturing services to the US DoD and some of the world's top companies. From prototype to production runs, GSM has the technical depth, program management and manufacturing expertise to deliver solutions.

Greene Machine & Manufacturing, Inc. (www.greene-machine.com) 478-745-6188

Booth: 13

Greene Machine & Manufacturing (GMM) has been in business since 1982 as a high-quality precision machining, fabrication and assembly firm. GMM is an SBA certified 8(a) small business, Certified Economically Disadvantaged Woman-Owned Small Business (EDWOSB/WOSB) and WBENC certified. GMM has been fortunate to produce for all branches of the military as well as the DLA. We are fulfilling a sole-source 5 year 6.4 million-dollar IDIQ for the USAF. Our current contracts for the Navy focus primarily on providing H-1 and H-60 ground support equipment. For the H-1 this includes a first of its kind design, manufacture and installation of a complete tail-boom fixture to extremely tight tolerances. ITAR Registered. Cage Code 03ND7



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Greene Rubber (www.greenerubber.com) (781) 937-9909

Booth: 1

In business since 1931, Greene Rubber Company has extensive capabilities in rubber processing including custom molding, die-cutting, water-jet cutting, slitting and laminating. In addition we are a preferred converter for 3M Industrial Adhesives, Rogers Corp, Parker Seals, Parker Chomerics and St. Gobain. With a specialty in shock & vibration isolators the facility contains a test lab allowing for design analysis and simulation, material testing, and static and dynamic fatigue testing using Instron Measuring Equipment. In house design engineers with over 40 years combined experience in the shock & vibration industry are able to provide design guidance from concept to prototype to production. ISO 9001: 2008, AS 9100C certified and ITAR Registered. Cage Code 73801.

Guill Tool (www.guilldefense.com) (401) 828-7600

Booth: 5

Guill Tool & Engineering has manufactured high-quality, precision machined components for the Defense and Commercial Industries since 1962. We consistently supply Level One/Sub-safe and non-level parts to General Dynamics (Electric Boat Division), Huntington Ingalls (Newport News Division), Navsea and DLA (Defense Logistics Agency). Guill Tool is ISO 9001 certified located at 10 Pike Street in West Warwick, RI and classified as a Small Business.

Hydro Group Systems Inc. (www.hydrogroupsystems.com) 727-812-0124

Booth: 36

Hydro Group Systems Inc. is a wholly owned subsidiary of Hydro Group Plc. In Aberdeen Scotland. As a small business in the marine industry our focus is primarily in subsea cable / connector assembly innovation. Our day to day business concentrates on product design, engineering and manufacturing of harsh environment composite cables, underwater connectors, topside connectors and penetrators for subsea, underwater, topside and onshore applications. Our market coverage includes military, oil/gas, industrial, renewable energy and diving systems. Hydro Group is involved in many Defence Programs worldwide in supplying engineering and products for Submarines, Surface Ships, ROV's, Acoustic and Magnetic Ranges and Towed Arrays. In addition our products are designed for the Renewable Energy market specializing in Medium Voltage to 72KV with connector, cable and Power Distribution Hubs.

Industrial Sales and Distribution (www.isdsales.com) 401-400-8995 ext. 103

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Jade Manufacturing (www.jademanufacturing.net) 401-737-2400

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Jade Manufacturing Company, Inc. is an award winning Defense Industry supplier of "build to print" mechanical assemblies and CNC machined precision components in a wide variety of materials. Our extensive experience and comprehensive supply chain provides unique positioning to deliver both custom and MIL-Spec hardware, finishing, adhesives, gaskets, welding and fabrication. Jade's strength is providing a total solution for companies seeking one source to provide finished assemblies. We also offer inhouse manufacturing engineering support. Jade currently supplies components and/or assemblies for the following programs: Aegis, Zumwalt, LCS, Patriot, Thaad, TPY-2, AMDR, EASR, MS2 & MS6, Tomahawk and many more. With more than 50 years of service, Jade offers a proven commitment to quality, cost effectiveness and service.

Kimchuk Inc. (www.kimchuk.com) 203-528-5640

Booth: 6

Electronic Assembly Services Consignment or Turnkey has state of the art dual line SMT equipment as well as electromechanical assembly capability including: printed circuit board assembly, cable and harness assemblies, small and large box assemblies, and large cabinet assemblies. Kimchuk can either process a customer's project by procuring all material or by utilizing customer-supplied kits. Kimchuk is a fast paced, technologically advanced, high product mix electronics firm specializing in Electronic and Electromechanical Contract Manufacturing



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Services and Engineering Design who is committed to excellence. Our success depends on CUSTOMER SATISFACTION achieved by safely producing reliable products, delivered on time, at a competitive price. Quality is a vital element in accomplishing this goal through employee involvement and continuous improvement at all levels of the organization.

MacArtney Inc. (www.macartney.com) 781 829 4440

Booth: 8

We produce high quality products, fully integrated systems and innovative custom solutions, from design to installation, supported by training, service and local workshops. We cover the areas of connectivity, launch and recovery, and data acquisition for oil and gas related companies, ocean science institutes, marine renewable developers, navies and others around the world. Our work with local defense companies has led us into the avenues of mine counter measures, autonomous subsea navigation and exploration and custom subsea cabling and connector systems.

Marine Acoustics Inc. (www.marineacoustics.com) (401) 847-7508

Booth: 29

MAI is an employee owned global scientific and engineering company providing a diverse set of government, corporate and international clients with a broad spectrum of consulting and engineering services. Our areas of expertise include a full range of environmental compliance services, undersea warfare design, test and evaluation services, marine environmental compliance, sea test planning and support, all supported by an award winning and internationally recognized research and development program.

Material Systems Inc. (MSI) (www.msitransducers.com) 978-486-0404

Booth: 21

MSI Transducers Corp. designs and manufactures custom sonar transducers and arrays. MSI's piezocomposite technology offers extremely broad bandwidth, high receive sensitivity, high source levels, conformability for curved arrays, and reduced side lobes. The technology has enabled several of the most advanced sonar systems available today. MSI has a staff of experienced design engineers ready to help you with your transducer design. Our process of engaging our team early on in the design process allows customers to maximize the capabilities of piezocomposite while also minimizing the total cost. Our fully integrated manufacturing and testing capabilities allows us to turn raw product into finished assemblies and assures you receive a high quality product. Whether you need a custom designed product or just looking for a source to build your existing design, MSI is the right choice.

MC Test Services, Inc (www.mcati.com) 321-253-0764

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Mearthane Products Corporation (MPC) (www.mearthane.com) (401) 946-4400

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Mearthane Products Corporation (MPC) is a global technology leader in the development and manufacture of advanced polyurethane components. Building on over 50 years of formulation and processing experience, MPC partners closely with customers to develop innovative solutions to their toughest challenges in office automation, defense, banking, postal systems and a wide variety of industrial and consumer applications worldwide. MPC's products are made in the USA and shipped all over the world, leading to its award in 2017 as the Exporter of the Year for Rhode Island by the US Small Business Administration. MPC is proud to be a Veteran Owned Small Business (VOSB), and certified to ISO-9001:2008, CAGE Code: 3L279.



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METSS Corporation (www.metss.com) (614) 797-2200

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Founded in 1994, METSS Corporation is a small materials science and engineering company that develops innovative solutions to technically challenging problems. Core strengths include the development of advanced chemistries, environmentally friendly products and processes, and the evaluation of materials performance in aggressive environments. While capable of conducting basic research, our programs typically emphasize applied research and development, producing near-term solutions and commercially viable products and processes. Much of the work is driven from federally-funded Small Business Innovation Research (SBIR) programs; however, METSS is structured and staffed to provide the best mix of technical talents to conduct successful R&D programs to rapidly develop new products and processes for industrial markets. The growth and returns from the commercial integration of METSS technologies are, in turn, used so METSS can proactively develop technologies, processes and products for new market applications without necessarily relying on government contract funding to fuel its growth in these areas. Specific areas where METSS has achieved its greatest successes includes developing and transitioning synthetic hydraulic and lubricating oil aboard US Navy submarines (also approved for surface ship propulsion and hydraulic systems), crashworthy and ballistic tolerant fuel cells for helicopters and amphibious combat vehicles, runway/roadway de-icing solutions, green paint removers and plastic recycling, as well as toxic biological and chemical decontamination.

NAG Marine (www.nagmarine.com) 757-965-8721)

Booth: 25

Since 1999, NAG Marine has built a specialized core competency in providing automation control products for commercial marine and DoD applications, with success in integrating and installing control system components on more than 150 vessels across the U.S. Navy, U.S. Coast Guard, Military Sealift Command, and commercial fleet operators. Our practical shipboard understanding has resulted in an excellent fleet operational record of NAG products, as well as millions of dollars of cost-savings to the U.S. Navy. NAG is the exclusive sales channel to the U.S. Navy for the following products:

- Rugged computers, displays, all-in-ones, networking devices, programmable logic controllers (PLCs) and I/O panels, and related technology equipment from Rugged Science, LLC
- Cyber security solutions providing network cloaking from Tempered Networks
- Tank level indicators for onboard liquid measurement from VEGA Americas
- Electric valve actuators from Eltorque
- Discharge compliance equipment from Turner Designs and RWO Veolia

NAG maintains a staff of degreed engineers and OEM-trained electrical technicians for all shipboard survey, design, or modification work. The company's engineering workforce is experienced and successful at interfacing with shipyards, planning yard engineers, NAVSEA In-Service Engineering Agents, port engineers, chief engineers, and naval architects. Additionally, NAG has a degreed staff dedicated to project planning, purchasing, logistics, security, and transportation. Our company also has a Quality Management System in place that is ISO 9001:2008 compliant. NAG self-certifies as a Small Business, with its corporate headquarters and engineering team located in Norfolk, VA.

Nova Electric (www.novaelectric.com) 201-385-0500 x 128

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Since 1966, Nova Electric has been America's premier supplier of rugged power conversion equipment for demanding military, commercial, and industrial applications. The company is AS9100 certified, and has in-house engineering and manufacturing capabilities to design and manufacture rugged AC and DC Power Supplies for almost any harsh environment application. Nova Electric has been supplying the Military with a variety of products specifically designed for unique functions. For example, hundreds of our lightweight DC-AC pure sinewave inverters are currently in service on HMMWV vehicles, while thousands of our Ultra-light UPS are on trailers in WIN-T program both domestically and deployed overseas.



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The company offers a full line of Pure Sinewave DC-AC Inverters from 50 VA to 300+ KVA with inputs ranging from 12 - 750+ VDC nominal, Premium True On-Line Uninterruptible Power Supplies (UPS) from 1 kVA to 450+ kVA, and Solid-State Frequency Converters from 50 VA to 450 kVA. Most Nova AC sources are available in 50, 60, or 400 Hz and single or three phase power, and in rack-mount, standalone cabinets, bulkhead-mount, or custom enclosure configurations. For military applications, certain units are fully qualified to meet demanding MIL-standards such as MIL-STD-1399, MIL-S-901, MIL-STD-810, MIL-STD-461, MIL-STD-167, and others. Nova Electric primarily serves the major domestic military prime contractors, such as Raytheon, General Dynamics, Northrop-Grumman, Lockheed Martin, and DRS. Hundreds of Nova products are deployed worldwide in such varied applications as HMMWV, submarines, aircraft, helicopters, and most US Navy ships.

NOVA Power Solutions (www.novapower.com) 703-581- 6877

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NOVA Power Solutions is a provider specializing in high quality, reliable and rugged custom tailored continuous power quality protection solutions to global defense markets, and has been since 1988. NOVA's power conditioners, converters, distribution and battery backup solutions provide customers a wide range of power protection and backup alternatives. NOVA's rugged uninterruptible power systems are tailor-made for the world's harshest environments and designed to meet some of the toughest standards for shock, vibration, electro-magnetic interference (EMI) including MIL-STD compliance. NOVA's rugged products are well suited to submarine, shipboard, tactical military and other extreme operating environments including the arctic, the desert, and on/under the sea. NOVA Power Solutions is focused on solving problems created by the generation, distribution and use of electrical energy. NOVA's power-conditioning solutions eliminate 100% of distributed electrical system anomalies, increasing system reliability and electrical generation efficiency. NOVA's power-conversion solutions optimize load side electrical efficiency further enhancing reliability and allowing for the use of a wide spectrum of electronic solutions to meet your requirements. For more than 28 years, NOVA Power Solutions has been providing shipboard, rack-mount, bulk-head and deck mount uninterruptible power supplies and battery backup modules to US and allied militaries for use in mission critical C4I, Engineering Plant Controls and Combat Systems. NOVA Power Solutions products and solutions protect mission critical systems worldwide for applications where "up time" and reliability are absolute and unconditional. Reliability is built into the foundation of our product design. We deliver cost savings by ensuring customer processes operate without interruption. NOVA Power Solutions' philosophy is to work side by side with the customer and project team to ensure the delivered solution fully meets strict project/program requirements. NOVA has a deep understanding of logistics and supply-chain management, providing technical support and spare parts throughout the entire life-cycle of delivered products. NOVA's award-winning customer service and technical support to system integrators, partners and end-customers is leading the industry, lowering system cost of ownership. NOVA's engineers take pride in providing a turnkey solution for complete power conditioning and protection where you need it the most - when you need it the most, including in the most remote parts of the world with the worst imaginable conditions and climates.

Patriot Technologies (www.patriot-tech.com) 301-695-7500

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Patriot is a small business committed to supporting our war fighters by manufacturing and deploying trusted computer systems for over 20 years. Patriot has a 30,000 sq. ft. cleared facility based in Frederick, MD that is ISO 9001:2015 certified. Patriot specializes at innovating custom solutions from standard COTS components. These products include servers, rugged tablet PCs, embedded systems and other networking devices. Additionally, Patriot



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is able to provide integration services, product life-cycle planning, obsolesces management and secure supply chain services.

Real-Time Innovations (RTI) (www.rti.com) 315-635-6733

Booth: 4

Real-Time Innovations (RTI) is the Industrial Internet of Things (IIoT) connectivity company and the largest vendor of products based on the Object Management Group (OMG) Data Distribution Service (DDS) standard. The RTI Connex database is a software framework that shares information in real time, making applications work together as one, integrated system. It connects across field, fog and cloud. Its reliability, security, performance and scalability are proven in the most demanding military and industrial systems. RTI's software and architectural expertise has helped hundreds of the world's leading defense agencies, systems integrators and suppliers adopt an Open Architecture (OA) based on the Object Management Group (OMG) DDS Standard for Real-Time Systems. Aerospace and defense applications require the highest level of reliable and real-time performance. RTI's technology and expertise have played a key role in many mission-critical aerospace and defense systems.

Rite-Solutions, Inc. (www.rite-solutions.com) (401) 847-3399 x145

Booth: 31

Rite-Solutions is a CMMI Level 3-appraised systems and software engineering Service Disabled Veteran Owned Small Business (SDVOSB) based in Middletown, Rhode Island with offices in Pawcatuck, CT, Washington, DC, and Virginia Beach, VA. Rite-Solutions designs, develops, and deploys mission-critical software solutions and systems to help our customers convert complex data into valuable intelligence. Rite-Solutions is noted for innovation and is committed to delivering information systems that provide sustained, informed, and decisive information space or ahead of any adversary or competitor - what we term *the Information Advantage™*. This trademark evolved from our corporate obsession with information management and our desire to assist our customers, from the command center to the boardroom, in decision making. Often *the Information Advantage™* is realized through advanced data handling schemes, decision aids, and human systems interfaces, but The Automated Protocol Translator (APT), featured in today's demonstration, also accomplishes this goal. APT is an automated software generation tool developed during the past two years under an SBIR Phase II.5 contract with NAVSEA PMS425. It is an open system enabler in that it streamlines and expedites the integration of new capabilities in a System of Systems (SoS) because it significantly reduces the time and cost associated with developing interface software. APT provides *the Information Advantage™* in that it enables informed integration decisions, including capability evaluation, far quicker than conventional integration allows.

Sub Aviators, LLC. (www.subaviators@protonmail.com) 917-415-6860

Booth: 18

SUB AVIATORS' Orcasubs are high-speed, long-range submersibles with 2000', 3000 or 6000' depth capabilities. Two or three-person models are available with asymmetrical offensive capabilities: Covert surveillance and reconnaissance missions; SDV special operations support & pathfinder missions; AUV close support, recovery or interdiction missions; search & rescue; port security & high-priority/covert hull inspection, and anti-mine operations.

Systel Inc. (www.systelusa.com) 979-575-4980

Booth: 19

Systel, Inc. is the leading designer and manufacturer of custom and COTS rugged computers with a 25 year track record in excellence. Systel is an ISO 9001:2015 certified company with systems deployed worldwide for mission-critical applications across all branches of the United States Armed Services. Systel's diverse suite of rugged computing lines include servers, workstations, small form factor embedded systems, displays, and mobile



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solutions. Systems are tested and designed to meet a variety of rugged requirements including MIL-STD-810G, MIL-S-901D, MIL-STD-167, MIL-STD-461, D0-160, General Victory Architecture (GVA), VICTORY, and NATO STANAG. All Systel products are optimized for continuous operation under extreme environmental conditions and all Systel products are designed, manufactured, and tested in the USA.

Thinklogical (www.thinklogical.com) (800) 291-3211

Booth: 20

Thinklogical manufactures secure, IA-accredited video distribution systems (VDS) and KVM (keyboard, video and mouse) signal extension and switching products for video-rich applications including C4ISR, command and control, UAS ground station operations, and simulation, visualization and training. Supporting all common AV and IT formats, Thinklogical KVM extenders and matrix switches provide uncompressed, high-bandwidth signal management over fiber-optic or CATx cabling with no latency or loss of video quality, and simplify the secure management of multi-classifications of information through a single system. Thinklogical products are designed and manufactured in Milford, Conn., USA, and are accredited to Common Criteria EAL4, NATO NIAPC Evaluation Scheme: GREEN, TEMPEST SDIP 24 Level B and the U.S. DoD JITC UCR APL. Thinklogical is an ISO 9001:2008 certified company.

Trilogic Systems Corporation (www.trilogicsys.com) (978) 276-9787

Booth: 12

Trilogic Systems provides COTS embedded technology based on industry standard architectures for rugged environments. Technology categories include: VME, OpenVPX, Rugged Servers, COM Express, PC/104, SSD storage, supporting MIL-STDs 901D, 810, 167-1, and 461. Other product areas include shipboard displays, 901D racks, SWaP optimized systems and CANES approved UPS solutions. Focused on long term availability and US designed & manufactured technology Trilogic Systems also offers value added services for COTS obsolescence management, stocking and warehousing.

Veridane (www.veridane.com) (978) 337-8535

Booth: 37

Veridane is a manufacturer's representative company with a concentration on RF components and subsystems for the defense industry. RF products include: cable assemblies, LNAs, power amplifiers, DROs, waveguide, circulators and isolators, RF over Fiber, coax attenuators, couplers, power dividers and terminations. Other products include high-reliability rigid-flex Printed Wiring Boards, fiber optic cables and switch matrixes, power and signal cable assemblies, and wiring harnesses.

WesTest Engineering (www.westest.com) (210) 837-0290

Booth: 32

WesTest Engineering offers turnkey hardware and software solutions for the military and commercial aerospace industries. Our family of VXI and PXI based automatic test systems are designed to support avionics, missile and power systems. Designed to deliver diagnostics to the Intermediate or Depot Levels, these state-of-the-art testers are currently being used to support a wide range of platforms, including the USAF mandated F-16 depot requirements. The heart of our ATE products is the innovative Windows based WesTest - Test Program Development Environment. This environment allows complex software to be developed, tested, and integrated efficiently and cost effectively. The system provides test station emulation, automatic program generation, Mil-Spec documentation, and software testing capabilities. In addition to the defined product based capabilities, WesTest has extensive capability to design custom ATE, ITA fixtures, cable sets and a variety of turn-key hardware and software. This includes custom PCBs, programmable integrated circuits and custom PCMCIA/VXI/PXI instrumentation. WesTest designs, develops and integrates test solutions, both hardware and software. With a legacy of 36 years in the test industry, WesTest continues to support our customers with cutting edge test



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technology at a cost-effective price. Our Mission is to provide full-service capabilities to an ever-expanding customer base, both Government agencies and their commercial primes.

Specialties: Automatic Test Equipment, Test Program Sets, Turn-Key Custom Test Equipment, Software Development, Software Diagnostics, Hardware/Software Integration, Hardware Independent Driver Software, ITA Design and Manufacturing, and Foreign Military Depot Support