



## Small Business Product Vendor Industry Day Oct. 26, 2016 Vendor Catalog

### **Addaero Manufacturing** ([www.addaero-mfg.com](http://www.addaero-mfg.com)) (860) 259-6346

**Booth: 8**

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 approved small business and are in the application stage for SBA HubZone status. We offer the fabrication of components in the following materials Ti 6-4, Ti Grade 2, Inconel 718, Inconel 625, SS 316, SS 17-4, 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.

### **CDP Fastener Group, Inc.** ([www.cdpfastener.com](http://www.cdpfastener.com)) 508-588-6400

**Booth: 5**

Founded in 1993, CDP Fastener Group is a value added distributor of Mil-spec Fasteners, Hardware and Electro-mechanical components to the Defense and Aerospace manufacturing Industries. CDP holds and maintains QMS certifications that include AS9120A and ISO9001:2008, we also maintain an active ITAR registration. CDP is also a certified Minority Business Enterprise by the GNESMDC. CDP Fastener Group has been presented with numerous service and quality awards including the Raytheon "4 Star Award", which we have received consecutively for the past seven years. We were also presented with the 2016 "Defender of the Year" award by General Dynamics Missions Systems. We are also a past winner of the Nunn-Perry award, presented by the Department of Defense for outstanding achievement as a part of the Mentor-Protégé program. All quality and socio economic certifications are available for download at our updated website, [www.cdpfastener.com](http://www.cdpfastener.com). CDP is headquartered in Brockton, MA, and has an additional location in Holyoke, MA. To learn more, visit [www.cdpfastener.com](http://www.cdpfastener.com) or on Twitter @CDPFastener and on LinkedIn.com.

### **Claflin Associates Inc.** ([www.888claflin.com](http://www.888claflin.com)) (978) 840-8800

**Booth: 23**

ETHERNET Products in MIL small form factor & boards from Mil Source; Precision NAVIGATION/Attitude/Relative Nav/Data Fusion GPS/Inertial from Geodetics; 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 PCI/PCIe/USB and PTP Switches from JTIME; Tough Application POWER SUPPLIES and DC/DC Converters from MDI/PSC.; TELEMETRY Products including Software Defined Radio RCVR, DownConv., Combiner/IF, Demod, Bit Sync, PCM, Base & Remote Test Sets from Lumistar; Tracking Antennas, DAQ with Signal Conditioning,-XMTR/RCVR-from CLASS; Custom CIRCUIT BOARD MFG including specialty ultra-thin to ultra large from Brigittflex.

### **Concepts NREC** ([www.conceptsnrec.com](http://www.conceptsnrec.com)) (802)-296-2321

**Booth: 25**

Concepts NREC is the world's leading private turbomachinery design, development, test, manufacture, and software company. For over 60 years, we have worked with customers to develop pumps, turbines, compressors, fans, blowers, and other related components. We specialize in challenging applications that require tight and/or aggressive design specifications such as quiet pumps or turbines, and high-performance aerodynamic components. Concepts NREC has broad engineering experience in multiple technical disciplines, including systems analysis, fluid mechanics, combustion, and applied mechanics (including stress, vibration, heat transfer), as well as turbomachinery layout (bearings, seals, shafting, housings). Our engineers work closely with you to understand and analyze your performance and structural design needs for individual components, entire turbomachinery trains, or complete systems. Concepts NREC also offers an integrated suite of specialized turbomachinery CAE and



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5-axis CAM software. We are an ISO 9001:2008-certified, ITAR-compliant, small business pursuing AS9100 certification (expected early 2017).

### **Crawford High Performance Composites** ([www.crawfordhp.com](http://www.crawfordhp.com)) (401) 274-8560

**Booth: 14**

Crawford High Performance Composites of Rhode Island is a collective of three proven established U.S. based companies; delivering scalable solutions to a broad spectrum of industries and customers. Our Three Diverse Divisions CRAWFORD COMPOSITES - A driving force in the engineering, design, manufacture, service and repair of lightweight, durable, high-performance carbon fiber composite parts.

RESOLUTE RACING - Founded by world-renowned boat builder, Eric Goetz, and noted rowing coach, Steve Gladstone; Resolute remains established as a highly decorated and leading innovator in the manufacturer of competitive and adaptive rowing shells.

GENERAL COMPOSITES INC. - A contract manufacturer of efficiently made advanced composite components spanning a variety of markets ranging from recreation to medical to military and beyond. HIGH PERFORMANCE COMPOSITES advantages include 200k Sq. Feet of Manufacturing Capacity, ATI/SCRA (Recycled) Carbon, R&D (Metal to Composites), On-Site Design & Engineering, Wide Spectrum of Processes, Proven Reliability and Decades of Innovative Experience. Members of Southeastern New England Defense Industry Alliance (SENEDIA), The Composites Consortium (TCC), Veterans Outreach and Transition - Independence Fund, Vets-Help.org & Team Patriot. Products include but not limited to (Aerospace, Automotive, Medical, Music, Motorsports, Recreational Outdoor Sports, Armor & Adaptive Sports) ISO 9001; 2015 certified, AS 9100D, FDA approved composite medical devices and ITAR and DD2345 Certified. Offering all methods of composite processing, including Green Manufacturing of both thermoset & thermoplastic including: Simple Wet Layup, Roll Wrapping, Filament Winding, Thermoplastic Thermoforming, Compression Molding, Resin Transfer Molding and Autoclave Processing. Crawford High Performance Values: Clear, direct, hands on approach, motivating through example of customer focus, hard work and integrity. [www.crawfordhp.com](http://www.crawfordhp.com) where "Innovation Is Our Bond".

### **Crystal Group Inc.** ([www.crystalrugged.com](http://www.crystalrugged.com)) (877) 279-7863

**Booth: 2**

Crystal Group Inc., an employee-owned small business located in Hiawatha, Iowa, USA, is a technology innovation leader specializing in both custom and COTS products for defense, government and industrial markets since 1987. Crystal Group designs and manufactures installation-ready rugged servers, displays, networking devices, embedded systems, power supplies and storage devices that fit critical applications in demanding environmental conditions. The company is certified to quality management standards AS9100C:2009 and ISO 9001:2008. Crystal Group products meet and exceed MIL-STDs 810, 167-1, 461, MIL-S-901, IEEE and IEC industrial standards. Additionally, the company offers integration services, configuration management, product life-cycle planning and 5+ year warranties.

### **Cursor, LLC** ([www.cursorllc.com](http://www.cursorllc.com)) (860) 218-2030

**Booth: 15**

Cursor LLC., is a small, minority and woman owned metal service center located at 11 Britton Drive Bloomfield, CT. We specialize in high performance alloys that include Nickel-Copper (Monel®), Copper-Nickel, Aluminum Bronze, Inconel®, Brass, Bronze, and other Copper alloys as well as Stainless Steel and Titanium Alloys. Cursor provides its clients with a variety of sought after services that include 5-axis abrasive waterjet cutting, milling, turning, shearing, marking, non-destructive testing and inspection services. We are committed to the mission of supporting the warfighter and we know that quality is key, therefore we are ISO:9001 & AS9100C certified as well as a QSLD supplier to the DLA and a Level 1/Subsafe supplier to the Navy.



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**Custom Molded Products Inc.** ([www.custommoldedri.com](http://www.custommoldedri.com)) (401)464-9991

**Booth: 21**

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.

**Electro Enterprises, Inc.** ([www.electroenterprises.com](http://www.electroenterprises.com)) (405) 427-6591

**Booth: 9**

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!

**Elma Electronic Inc.** ([www.elma.com](http://www.elma.com)) (510) 656-3400 x 14001

**Booth: 12**

Elma Electronic is a global manufacturer of electronic packaging products for the embedded systems market - from components, storage boards, backplanes and chassis platforms to fully integrated subsystems. To ensure our integrated solutions are optimized to our customer's needs, Elma partners with leading board manufacturers in the industry. Elma also provides enclosure solutions to electronics companies, from cases to vertical cabinets, as well as precision components such as rotary switches/encoders, front panels, and LEDs. The company has a broad base of proven standard products that can be tailored to individual applications, from initial concept to volume production. Elma's reliable solutions, flexibility, and design expertise are key reasons why the leading electronics companies in the world choose Elma time and again.

**Empire Prototype Group** ([www.empireprototype.com](http://www.empireprototype.com)) (508) 222-3003

**Booth: 17**

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 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.

**Evans Capacitor Company** ([www.evanscap.com](http://www.evanscap.com)) 401-435-3555

**Booth: 6**

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



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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.

**Globe Composite Solutions, Ltd.** ([www.globecomposite.com](http://www.globecomposite.com)) 781-681-6838.

**Booth: 7**

Globe is a 126 year-old fully-integrated manufacturer of non-metallic parts and components for military and industrial applications. We formulate and process a broad spectrum of composite materials to meet our customer's specific performance requirements. We specialize in design, prototyping and manufacturing parts in virtually any geometry, size or quantity. Our "one-stop" approach reduces development risk, time-to-market and development costs. We have comprehensive physical and material testing capabilities, including 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, torpedo dollies and other technically demanding parts. Globe's state-of-the-art technology & design center is located in Stoughton MA. ISO 9001:2008 certified, CAGE code: 82094.

**Goodwin-Bradley** ([www.goodwin-bradley.com](http://www.goodwin-bradley.com)) (401) 461-5220

**Booth: 13**

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](http://www.granitestatemfg.com)) 603-668-1900

**Booth: 22**

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 Rubber** ([www.greenerubber.com](http://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 &



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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](http://www.guilldefense.com)) (401) 828-7600

**Booth: 4**

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.

**K2 Energy** ([www.k2battery.com](http://www.k2battery.com)) (702) 478-3590

**Booth: 16**

K2 Energy is an innovative developer and manufacturer of cells, batteries and energy storage systems utilizing its proprietary K2|LiFePO<sub>4</sub> chemistry. Our field-proven products offer industry-leading energy density, superior power, and are made of environmentally friendly, lightweight materials, providing increased cycle life and enhanced safety. From cells, to batteries, to large complex battery systems, K2 Energy's scientists and engineers have decades of combined experience researching, developing and bringing to customers next generation battery technologies. This commitment to innovation continues at the K2 - Advanced Battery Laboratories located at our Henderson, Nevada headquarters which feature cutting edge robotic automation, battery pack lines, research and development facilities.

**Kimchuk Inc.** ([www.kimchuk.com](http://www.kimchuk.com)) 203-528-5640

**Booth: 20**

**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 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.

**Magnetic Seal Corp** ([www.magseal.com](http://www.magseal.com)) 617-510-1255

**Booth: 18**

Magnetic Seal Corp. ([www.magseal.com](http://www.magseal.com) <<http://www.magseal.com>> ) 401-247-2800 MagSeal is a 60 year old privately held small business that has been a trusted supplier of positive contact carbon seal for critical systems. We are recognized globally as a trusted supplier of innovative sealing solutions for high performance application requiring high performance such as marine, rail and Formula 1. Respected for our design, quality and reliability, MagSeals have the seal of choice for standard sealing applications and special situations where conventional mechanical seals fall short. Able to operate in difficult situations, MagSeals are engineered to outperform in high vibration, high altitude conditions, corrosive and are excellent replacements for both lip seals and spring seals. Complementing our magnetic seal line MagSeal also offers a spring energized MACHSEAL which like our MagSeal is customize to meet the operating parameters, with careful consideration given to operating media, material requirement, loads, speeds, different pressures, corrosive environments, axial and radial constraint, runout, as well as dynamic and static effect. If required, designs can also be made to be repaired and installation error proof in the



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field. MagSeal is available to review and design a sealing solution to meet your application and performance needs today and the future.

**Mantec Services, Inc.** ([www.mantecservicesinc.com](http://www.mantecservicesinc.com)) (206) 285-5656

**Booth: 3**

The name Mantec, stands for "manufacturing technologies", and offers an extensive background in contract manufacturing. Through our own efforts, syndication and subcontracting, we specialize in Build to Print projects in the following industries: Electronics/Cables, Machined Metals and Castings, Composites and Plastics. For over twenty six years Mantec Services has provided custom manufacturing services to Government and commercial firms. We support a variety of torpedo and target programs for the US Navy. Located in Seattle, WA, in close proximity to NUWC Keyport. ISO 9001:2008, EDWOSM

**Meller Optics** ([www.melleroptics.com](http://www.melleroptics.com)) (401) 331-3717

**Booth: 10**

Meller Optics has been located in Providence, RI since 1921 and has been providing high quality optics to defense, medical, laser and industrial markets for over 50 years. Specializing in grinding and polishing of hard, durable materials such as Sapphire and Spinel, Meller Optics has also developed high-speed, low-cost finishing processes for a variety of Laser Glasses, Fused Silica, Zinc Selenide, Germanium, Silicon, Fluorides, and Ceramic materials. Configurations include windows, substrates, lenses, domes, and prisms. Meller Optics, an ISO 9001:2008 certified company.

**Modular Devices Inc.** [www.mdipower.com](http://www.mdipower.com) (631) 345 3100

**Booth: 24**

MDI is a privately held US Corporation, (estab. 1973), a registered small business with ISO 9001:2008 accreditation, located in Shirley, New York. MDI specializes in the rapid design, development and manufacture of robust, high reliability DC-DC converters, power supplies, controllers & distribution products for the military, commercial, space and aerospace communities worldwide.

Our comprehensive range of standard products, combined with in-house engineering and production capabilities allow the company to be exceptionally responsive to its customers' diverse requirements.

Professional staff optimized for performance to Mil & Space level Quality Assurance and Program Management requirements. MDI, is uniquely capable of coordinating advanced power conversion technologies with professional management to meet or exceed customer challenges.

MDI, is proud of our long heritage of accomplishment and customer satisfaction. We remain committed to providing our partners with cutting edge solutions, reducing risk, maintaining rigorous quality standards and control, and fostering long lasting relationships built on communication and trust.

**McLaughlin Research Corporation** ([www.mrcds.com](http://www.mrcds.com)) (401) 849-4010.

**Booth: 26**

Family-owned McLaughlin Research Corporation (MRC) is the Small Business Administration (SBA) 2016 National Prime Contractor of the Year. Incorporated in 1947, MRC has been providing engineering and technical services to NUWC Newport since the early 1970s in the following core capability areas: Systems Engineering and Technical Services; Computer-Aided Design and Drafting (CADD); Integrated Logistics Support (ILS); Configuration Management (CM); Program and Financial Management; Environmental and Safety Compliance, Infrastructure, and Management; Information Technology and Assurance (IT/IA); Technical Documentation; Multimedia Graphics and Communication; and Training. Since 1998, MRC has served as NUWC Newport's prime contractor for Environmental, Safety, Occupational Health, and Operational Security Compliance and Infrastructure Programs. As are all Department of Defense contractors, MRC will be required to become compliant with National Institute of Standards and Technology (NIST) Special Publication 800-171, which requires that certain types of federal



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information be protected when processed, stored, and used in non-federal information systems. MRC's Innovation Team will be demonstrating an innovative cybersecurity solution that features the hardware and software controls needed to ensure MRC, as well as other DoD contractors, will be able to comply with all NIST 800-171 requirements by the mandated deadline of December 31, 2017.

### **NAG Marine and Rugged Science** ([www.nagmarine.com](http://www.nagmarine.com))

**Booth: 27**

NAG Marine is a systems integration technology company that sells, designs, services, and installs shipboard systems and associated control components aboard ocean going vessels. NAG Marine has forged exclusive agreements with VEGA America, RWO Marine Water Technology, Turner Designs Hydrocarbon Instruments, Eltorque, and Rugged Science to provide advanced products for shipboard fluid systems including: Tank Level Indicators, Bilge Oil Content Monitors, Oily Water Separators, Electric Valve Actuators, Ruggedized computers, displays and operator interface panels. Additionally, NAG Marine maintains a cadre of OEM trained technicians, and operates as the service extension of our product manufacturing partners. Technical services include: commissioning, calibration and recalibration, system verifications, OEM trained technicians. NAG Marine was originally founded in 1999 to service the automation and liquid control needs of US Navy vessels. NAG Marine's product model is to focus on superior technologies that save time, cost, and manpower over the entire lifecycle of the ship, as well as providing a rapid return on investment. The products and solutions that NAG Marine has provide have excellent operational service records in various fleets. Our service and installation engineers have unique training and capabilities that allow us to have excellent success with product start-up, calibration and installation. NAG Marine is headquartered in Norfolk, Virginia, with operations in San Diego, Philadelphia, Baltimore, and the Gulf of Mexico.

### **North Atlantic Industries** (<http://www.naii.com>) (631) 567-1100

**Booth: 11**

NAI is an independent, small business specializing in designing and manufacturing embedded electronics and computing solutions for the military, industrial and commercial industries. We accelerate our clients' time-to-mission with a unique approach based on a Custom-on-Standard ArchitectureT (COSAT) that delivers the best of both worlds: custom solutions from standard COTS components. For over 50 years, companies like Boeing, Northrop Grumman and Raytheon have leveraged our capabilities to meet the demanding requirements of a wide range of I/O- and communication-centric applications, with uncompromising quality, efficiency and responsiveness. Information about NAI and its products can be found at [www.naii.com](http://www.naii.com).

### **NOVA Power Solutions** ([www.novapower.com](http://www.novapower.com)) 703-581- 6877

**Booth: 28**

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-conversation 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



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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.

**Sensera Inc** ([www.sensera.com](http://www.sensera.com)) 978-856-4205

**Booth: 29**

Sensera is an integrated fast-turnaround client-specific designer and manufacturer of specialized high performance microsensors and micro-fabricated components for the healthcare, industrial, defense and aerospace markets. Uniquely positioned Sensera operates at the intersection of specialized customer product execution and Matched-to-Market<sup>SM</sup> volume manufacturing. Sensera fills a capability gap for customers who may have limited internal capability to engineer their own micro-fabricated product or whose production requirements are insufficient for practical engagement with major high-volume suppliers. Sensera is a formidable supply chain partner with in-house design, engineering, highly efficient micro-fabrication operations, quality systems, and ability to meet customer scale and economics, effectively serving as an integrated product supplier to support customers growing business. Sensera is located in the heart of the Boston biotech and innovation hub – enabling close interaction with major customers and valuable supply chain partners.

**Smarter Building Systems LLC** (<http://smarter-building-systems.com>) 401-481-8422

**Booth: 30**

Smarter Building Systems provides volcanic rock fiber fabrics, tapes, sleeves and rovings etc. as an alternative to carbon fiber and fiberglass fabrics for composites and construction. Basalt fibers enhanced unique radiation tolerant properties which sets them above all other composite fibers. A small Newport, RI based business, SBS also offers unique coating and resins and concretes for high temperature and non-conductive solutions.

The unique properties of basalt volcanic rock fibers reside in its acid tolerant, impact resistant, extreme high heat and cold non-flammable, non-respirable, UV immunity and chemical resistance.

Our aerogel powder, paint and tape is the most thermally insulating material available while being a superior sound attenuating and super-hydrophobic material that has extreme high heat capabilities.

**Spear Power Systems LLC** ([www.spearps.com](http://www.spearps.com)) (816) 527-9200

**Booth: 31**

Spear Power Systems LLC (“Spear”), a leading provider of lithium ion battery systems, is a 100% U.S. owned Small Business, formed in 2013 and based in Lee’s Summit, MO USA. The Spear team has 10 years of experience developing advanced lithium ion battery cells and packs, and transitioning them from the lab/prototypes to mass production. Spear’s products support Defense, Naval/Maritime, Industrial) and Medical applications. For the Department of Defense, Spear has developed battery solutions in support of aviation platforms, as well as batteries to support auxiliary systems to support these platforms. Other batteries developed support unmanned systems (air, subsea and robotics), expeditionary forces, energy storage/battery solutions for high energy and advanced



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laser programs, as well as other defense applications. On the commercial side, Spear has designed solutions to support maritime, rail, mining, telecom, wearables and medical applications. These solutions include those for hybrid marine, rail shuttle cars and rail applications. As your team considers your options for the future, we'd appreciate you considering Spear as a supplier of choice for your battery systems. Spear's experience in qualifying battery systems to meet rigorous Defense standards and our spotless safety record are key attributes that will assist in setting your solution apart from your competitor's.

**Thinklogical** ([www.thinklogical.com](http://www.thinklogical.com)) (800) 291-3211

**Booth: 19**

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.

**Veridane** ([www.veridane.com](http://www.veridane.com)) (978) 337-8535

**Booth: 32**

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.

**VR Industries** ([www.vrindustries.com](http://www.vrindustries.com)) 401-732-6800

**Booth: 33**

VR Industries, located in Warwick, Rhode Island, is an innovative, full-service electronic contract manufacturer focused on quality, service, and building long-term partnerships. For over a quarter century, we have proudly served customers in the defense, medical, industrial, and green energy markets with services ranging from PCB assembly to electromechanical assembly. We are at the intersection of the most cutting edge technology and advanced systems, which provides our customers unparalleled quality and a better manufacturing experience. Customer support and experience is our primary focus, and this is reflected in the high scores we receive in customer satisfaction surveys. Lean manufacturing, New Product Introduction (NPI), and a Customer Innovation Center are key elements to our expanding offering. VR Industries is an ISO 9001:2008 & 13485:2003 certified, AS9100 compliant, ITAR and FDA registered company, with Cage Code ORRX5.