



Small Business Product Vendor Industry Day October 21, 2015 Vendor Catalog

Annapolis Micro Systems (www.annapmicro.com) (774) 449-8132

Booth: 9

Annapolis Micro Systems provides COTS products for extreme performance data acquisition, processing and data recording. We address the most demanding applications including Electronic Warfare, SW Radio, SIGINT, ELINT, COMINT, GEOINT, SATCOM, Radar, Cyber Security etc. We provide the densest and fastest FPGA processing and highest data bandwidths available. These products are provided in a pre-integrated open COTS EcoSystem of boards and subsystems, which reduces project risk significantly. Our EcoSystems are open and network-centric employing network performance in excess of other solutions. Annapolis provides these EcoSystems on three system platforms: 6U OpenVPX, 3U OpenVPX and PCIeexpress. An EcoSystem includes FPGA boards with up to 3 large FPGA, data recording at up to 5 GB/s, open network-centric 10 and 40 GigE switching, analog performance up to 5 GSps. Open Project Builder software tool increases application development efficiency. It provides a GUI based FPGA application development with interfaces to open software VHDL and OpenCL. Shorten FPGA application development time by up to 10x in real customer applications.

Clafin Associates Inc. (www.888clafin.com) (978) 840-8800

Booth: 24

Matrix Switches DC-40 GHZ & to 1024x1024-Data---Video-Baseband-IF-RF Microwave-Backup-Critical Application Switches from Universal Switching Corp.; Timing & Frequency--GPS & SAASM GPS with Low Phase Noise 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 from Power Supply Concepts Inc.; Tracking Antennas/Auto-Tracking Systems in L, S, and C Bands from WTW-Tel Data Systems; Telemetry-Data Acquisition-PCM--Signal Conditioning--XMTR/RCVR-Custom Circuits/Components from CLASS Specialty & SWS; Data Radios-Serial to Ethernet Converters-Custom Electronic Instruments from One Stop Solutions. Our NAICS codes include: 333514, 334118, 334419, 334290, 334310, 334416, 334418, 334515, 334519, 335931, and 335999.

Comark Corporation (www.comarkcorp.com) (508) 381-2512

Booth: 2

Comark designs and manufactures ruggedized COTS computing, display, and I/O systems using state of the art low power, long life components. We thoroughly test products to EMI, shock, vibration and thermal standards to confirm products meet appropriate standards and requirements. In addition, using our HALT/HASS equipment we are able to perform accelerated life testing and destruct point determination and analysis to ensure a robust design, which will work reliably over the entire service life. Our on-site technical support and engineering teams are available to assist with any technical, integration or customization requests. Comark's MissionVue™ line of all-in-one computer displays incorporate the latest in technology. These rugged units are designed for your Mission Critical applications. The MissionVue™ Series was developed specifically for the critical requirements of naval operations. These HMIs are available with display sizes of 10", 12", 15", 19", or 24"W, and can be mounted in panel or bulkhead orientations. The latest in display & processors are incorporated in these rugged units. The MissionVue™ was developed with flexibility in mind, allowing for I/O & configuration options. Comark's MisisonVue™ line of rugged display/monitors are available in standard and wide format sizes from 10" to 55".

Crystal Group Inc. (www.crystalrugged.com) (877) 279-7863

Booth: 3

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.



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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.

Delaire USA (www.delaireusa.com) (732) 528-4520

Booth: 6

Delaire USA, Inc. is a small, woman-owned business located in Manasquan, NJ that manufactures custom RF and Fiber Optic Cables and assemblies for military, commercial, and telecommunications applications. Delaire has been in business since 1994.

Our specialties include 40g and 100g Fiber Test Links, custom RF and Fiber Optic cables, and System Integration. We pride ourselves on providing a quality product that will meet or exceed your engineering requirements with extremely quick turnaround times. In addition, we provide engineering support for new designs, and often provide solutions for customers who are faced with difficult design issues.

Delaire has been registered to ISO 9001 since 2004. We are an SBA Certified Woman Owned Small Business (WOSB), a certified Women's Business Enterprise (WBE), and are DOT/UCP certified in several states as a Disadvantaged Business Enterprise (DBE).

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!

Elma Electronic Inc. (www.elma.com) (510) 656-3400 x 14001

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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.



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

Booth: 18

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.

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

Booth: 14

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 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.



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Gripnail Corporation (www.gripnail.com) 1-800-474-7624

Booth: 26

Gripnail Corporation is a 100% Employee Owned Small Business specializing in fastening to metal surfaces without having to drill holes. Specifically, the company manufactures MetalTacks to fasten data plates and light loads to metal surfaces. Gripnail also uses the same technology for TackMounts, which allows light duty wires to be nailed into metal using specially designed wire mounts. Gripnail has been in business since 1966 and has always developed specialized application equipment to install each type of fastener. This "systems approach" eliminates as many variables as possible to insure the greatest possible customer satisfaction. Gripnail Corporation, ISO 9001:2008 certified company.

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.

Hi-Tech Machine & Fabrication, LLC (www.machinefabrication.com) (401) 315-5100

Booth: 15

Hi-Tech Machine & Fabrication is a precision machining company specializing in custom part development and production, conveniently located in Ashaway, Rhode Island. We provide one-stop design, 5-axis CNC machining, wire-EDM, small hole-EDM, water jetting, fabrication, and optical inspection services. Hi-Tech Machine & Fabrication has found success by investing in state-of-the-art technology which has reduced costs and decreased lead times for rapid prototyping. At Hi-Tech Machine & Fabrication we believe that innovation and a standard for excellence is essential to the growth of our company and our customers. We aim to provide cutting edge technology and systems that will enhance the DOD's capabilities by offering better and more innovative manufacturing solutions at a lower cost, ensuring an operational advantage today that will be sustainable through the ever-changing technological environment of the future. Woman Owned Small Business, ITAR Compliant, ISO9001:2008 and AS9100. Some of the materials we work with: Stainless Steel, Titanium, Nickel, Alloy Steel, Hardened Steel, Plastics, Inconel®, Aluminum, Brass, Bronze, Graphite, Rubbers, Hastelloy®, Waspalloy®, Copper, PCD Diamond, Delrin, and Composites.

Interactive Tactical Group, Inc (www.tacticalvr.com) (617) 500-7520

Booth: 16

Interactive Tactical Group is an authorized sales and support partner for the DotProduct3D scanner, a new Android® tablet-based sensor that offers real time, mobile 3D data capture. The company works closely with the Autodesk® Reality Capture software team, and point cloud data produced by the scanner opens directly in Autodesk® ReCap software as well as other leading 3D visualization/point cloud processing applications.

K2 Energy (www.k2battery.com) (702) 478-3590

Booth: 12

K2 Energy is an innovative developer and manufacturer of cells, batteries and energy storage systems utilizing its proprietary K2|LiFePO₄ 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.



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Mantec Services, Inc. (www.mantecservicesinc.com) (206) 285-5656

Booth: 4

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) (401) 331-3717

Booth: 11

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.

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

Booth: 17

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 Architecture (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.

Paratronix (www.paratronix.com) (508) 222-8979

Booth: 7

Paratronix Inc. is a veteran owned Parylene conformal coating services and Parylene coating equipment supplier. Parylene is widely used on transducers, electronics, and many other devices to protect from salt water, chemicals, and other harsh environments. We have been serving the defense industry since 1981 in Attleboro, Ma.

RDSI (www.rdsi.com) (401) 847-7374 x108

Booth: 25

RDSI is a VOSDB which produces stimulators and simulators supporting Electronic Warfare (EW) training. Our MRTS-ES, installed at US Navy submarine training activities supports displaying a full suite of EW emulations. Our EWTS-()R is designed specifically to provide high-fidelity on board training to EW operators. EWPro™, our flagship EW simulation and training software; used on MRTS-ES and EWTS, combines scenario control with tactical equipment emulation. RDSI's SigRec™ software provides playable signals and oscilloscope emulation for analysis of signals with audio generated via a computer soundcard. Our products are continually assessed and updated to meet emergent Fleet challenges. As a respected member of America's Defense community, RDSI specializes in delivering affordable, scaled, state-of-the-art technical and engineering solutions to Government and Industry clientele by providing products and services in response to increased demands for more efficient and effective utilization of resources.



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Rugged Science, LLC (<http://www.ruggedscience.com>) (262) 366-8337

Booth: 8

Rugged Science provides rugged wide temperature solid state embedded computers, operator interface panels, network hardware, LCD displays, and other rugged automation devices for application in demanding military environments. Rugged Science embedded computer systems include thin client & thick client architectures, and are designed to meet U.S. military shock, vibration and EMI standards for use in harsh, operation critical environments. (MIL-STD and MIL-SPEC: MIL-S-901D, MIL-STD-167A, MIL-STD-461F). Our engineering/design approach embodies a deliberate focus on low-power consumption processors and microcontrollers, as well as heat sink packaging and material selection. This allows for efficient dissipation of electronics-killing heat resulting in high reliability and operational availability. Rugged Science Network hardware is designed for wide temperature applications and is available in PoE+ configurations. Rugged Science LCD displays are designed with LEDs and smaller power supplies, further reducing power consumption, heat generation, and space requirements.

Sonalysts, Inc. (www.sonalysts.com) (860) 326-3778

Booth: 21

Sonalysts, Inc. has more than 20 years' experience integrating new emergent technologies into the US Navy's submarine imaging and electronic surveillance (ES) systems. Sonalysts is ISO 9001:2008 registered for the design, development, manufacture, and installation of electrical, mechanical, and electro-mechanical assemblies and subassemblies for military and commercial markets. Sonalysts has developed and fielded ruggedized antenna assemblies, power supplies, processors, touch panel displays, and Special Support Equipment. Sonalysts is committed to delivering Quality without Compromise.

TELEGRID (www.telegrid.com) (973) 994-4440

Booth: 19

TELEGRID designs, develops and produces secure embedded systems that comply with DISA's Security Technical Implementation Guides (STIGs). TELEGRID co-invests with its customers to rapidly produce unique communications and networking tools that resolve gaps between COTS products and DoD needs. Its products and services include:

- Custom Hardware and Embedded Software
- Rapid Prototyping
- Secure Development Boards
- Embedded Software Security Consulting

Its related technology areas include sensor networks, communications interfaces and network operations tools. TELEGRID has been providing support to the US military for over 30 years and is certified to ISO 9001:2008.

Terebase (www.terabase.com) (508) 221-7626

Booth: 27

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.