



www.pentek.com

Pentek – Digital Signal Processing and High Performance I/O for Radar, SIGINT, Software Radio, Communications, EW, Data Acquisition and Image Processing applications.

- FPGA based boards w/ Xilinx Virtex 6/7, Kintex UltraScale and RFSoc
- VPX, VME, XMC, FMC, PMC, cPCI, PCIe, COTS, Rugged & Mil-Spec
- High-Performance A/Ds, D/As & DDRs, up to 6.4 GHz sample rate
- SPARK Fully-Integrated Development Systems
- TALON Data Recorders, storage rates up to 10 GB/s with up to 256 TB



www.gocct.com

Concurrent Technologies – Industry Leading Manufacturer of COTS Single Board Computers (SBCs) for the Mil/Aero, Defense, Security, Telecom, Industrial, Medical and Transportation markets.

- Latest Generation Intel XEON and Intel Core Processors
- OpenVPX, VPX REDI, VME, cPCI and MicroTCA
- XMC & PMC I/O boards, Com, Ethernet, Graphics and PrXMC
- Development Systems with SBC, Switch, Storage and Chassis
- Commercial, Industrial, Rugged and Conduction Cooled



www.elma.com

ELMA Electronic – Premier manufacturer of Chassis Solutions for the Mil/Aero, Industrial, Telecom, Medical, and Commercial markets. Active members of VITA, SOSA and FACE.

- VPX, VME, cPCI, VXS, AdvancedTCA, µTCA and Small Form Factor
- COTS through Full Custom Solutions, CMOS Development Platforms
- Commercial, Industrial, Rugged, and full Mil-Spec; Rackmount and ATR
- Convection, Conduction and Liquid Cooled platforms
- Backplanes, Sub-racks, Enclosures & Cabinets



www.newwavedv.com

NEW WAVE DV – Leading provider of programmable NIC solutions offering high-bandwidth and low-latency interfaces, special protocol support, data capture/generation, and network filtering/monitoring.

- 10/40/100G Ethernet & Fibre Channel with on board FPGAs
- PCIe, XMC, PMC and VPX in Commercial, Rugged & Full Mil-Spec
- Network Data Recorder and Playback appliances with high precision
- IP Cores for Ethernet, Fibre Channel, VITA 49, and other protocols
- Digital Design and Verification engineering services



www.eizorugged.com

EIZO Rugged Solutions – High Performance Computer Graphics Solutions using NVIDIA and AMD GPGPUs for real-time embedded applications.

- High Performance Graphics and Processing boards
- Imaging and Video Capture boards, Frame Grabbers
- H.264 & H.265 Encoders/Streamers with Main & High Profile capability
- High Compression Video Recorders
- Commercial, Rugged and Conduction Cooled solutions



www.aim-online.com

AIM - Board and system level solutions for Test, Simulation, Verification, Validation & Rugged Embedded for the following databus protocols:

- MIL-STD-1553 / 1760
- Fibre Channel / ARINC-818
- ARINC-429 / ARINC-629
- Ethernet / ARINC-664 / AFDX
- CANBus/ARINC-825 & Fiber Optic Link Extensions for 1553 or 429

zmicro

www.zmicro.com

Rugged Servers & Displays – Leading manufacturer of rugged deployable computing and display solutions for mission-critical applications.

- Mil Rugged Displays 10" – 32", New 4K Displays
- Mil Rugged Rackmount Servers & Workstations, 1U, 2U & 3U
- Real-Time Enhanced Video (RTEV) products, w/ embedded processing
- Video Capture & Encoding Servers
- TranzPak 2 "Hot-Swappable" Storage Modules



www.militaryethernet.com

Rugged Network Switches – military-grade, ruggedized COTS and customized IP-based communication solutions where extreme conditions and unique tactical requirements are the norm

- Fully Managed or Unmanaged Ethernet Switching and Routing Solutions
- Support for 10/100, Gigabit Ethernet and 10 Gigabit Ethernet
- Media Converters, USB Hubs and rugged Flash Drives
- MIL-STDs 810, 461, 1275, 704 and IP67/68 compliance
- Ultra Compact form factor with industry-leading SWaP



www.milpower.com

MilPower Source – Industry leading provider of ruggedized military power supplies that can be customized for a customer's unique requirements.

- Mil-STD Qualified MOTS, COTS and Rapid New Design Development
- DC/DC, AC/DC, DC/AC, Shipboard UPS, PDU, GCU
- 3U & 6U VPX -- VITA 62 Power Solutions
- Demonstrated Expertise in EMI, Reliability and Thermal Management
- 40 Years of Power Focused Defense Experience



www.colmek.com

Engineering Design Services – Innovative provider of rugged products and systems for Mil-Aero, Defense, and Harsh Environments.

- Custom Hardware Design, Prototype thru Full Production
- Software Design & Development, Embedded Multi-Threaded
- FPGA & DSP Development & Integration
- RF Engineering, Signal Conditioning
- Rugged Small Form Factor (SFF) COTS Mission Computers



www.controlcable.com

Control Cable – experts in the design and manufacture of cable assemblies wire harnesses, electromechanical assemblies, and connectivity solutions

- Prototype to full rate production
- Build-to-print or our team of engineers can design your solution
- 25,000 sq. ft. manufacturing facility located in Baltimore, MD
- Small/veteran owned business
- ISO 9001:2008 and AS9100C certified, ITAR registered



www.psicases.com

Rugged Cases - engineered to your payloads weight, size and vulnerability with shock and environmental testing available. ISO 9001/2008 Certified.

- Tactical Transit Containers manufactured in house
- 3-D Modeling Design combined with Rapid Prototyping
- Rugged Communication Systems Integration Services
- Cases also available from our Strategic Partners; Hardigg, Pelican, Zero, SKB, Parker, Philly, Sealed Air Corp