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**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](http://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](http://www.elma.com)

**ELMA Electronic** – Premier manufacturer of Chassis Solutions for the Mil/Aero, Industrial, Telecom, Medical, and Commercial markets.

- VPX, VME, cPCI, VXS, AdvancedTCA and  $\mu$ TCA
- COTS, Build-To-Print & full custom solutions, also Small Form Factor
- Commercial, Industrial, Rugged, and full Mil-Spec; Rackmount and ATR
- Convection, Conduction and Liquid Cooled platforms
- Backplanes, Sub-racks, Enclosures & Cabinets



[www.newwavedv.com](http://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](http://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](http://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



[www.zmicro.com](http://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](http://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.colmek.com](http://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

**We also offer Premium Solutions for:**

**Data Recorders - Multi-Channel, High Performance**

- Analog & Digital
- Ethernet 10G & 40G
- Video Capture and Encoding
- COTS, Rugged & Full Mil-Spec

**SFF (Small Form Factor) Compute, Networking & Storage**

**Rugged UPS Power Solutions**

**CERDEC CMOSS Compliant Products**



[www.controlcable.com](http://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](http://www.psicases.com)

**Rugged Cases** - engineered to your payloads weight, size and vulnerability with shock and environmental testing available.

- Tactical Transit Containers manufactured in house
- Cases also available from our Strategic Partners; all major manufactures
- 3-D Modeling Design combined with Rapid Prototyping
- Rugged Communication Systems Integration Services
- ISO 9001/2008 Certified Manufacturer