

Military and Avionics

CONNECT AND PROTECT

System and Thermal Solutions Provider

SYSTEMS & BACKPLANES VPX, VXS, VME

- Full suite of standard backplanes
- Power supplies & system cooling
- Air & conduction cooled chassis
- Modified to customer specification
- Simulation & testing capabilities

SYSTEM MANAGEMENT FOR VPX VITA 46.11 SOLUTIONS

- Chassis Management Modules
- IPMC hardware reference designs
- IPMI software & firmware licensing
- Development kits & tools
- Software & configuration support
- Based on proven Pigeon Point Systems products

MIL STANDARD 19" RACKS

- Shock coil mounting
- 901-D compliant solutions
- EMI/RFI shielding
- High end thermal solutions
- Design & modification capabilities

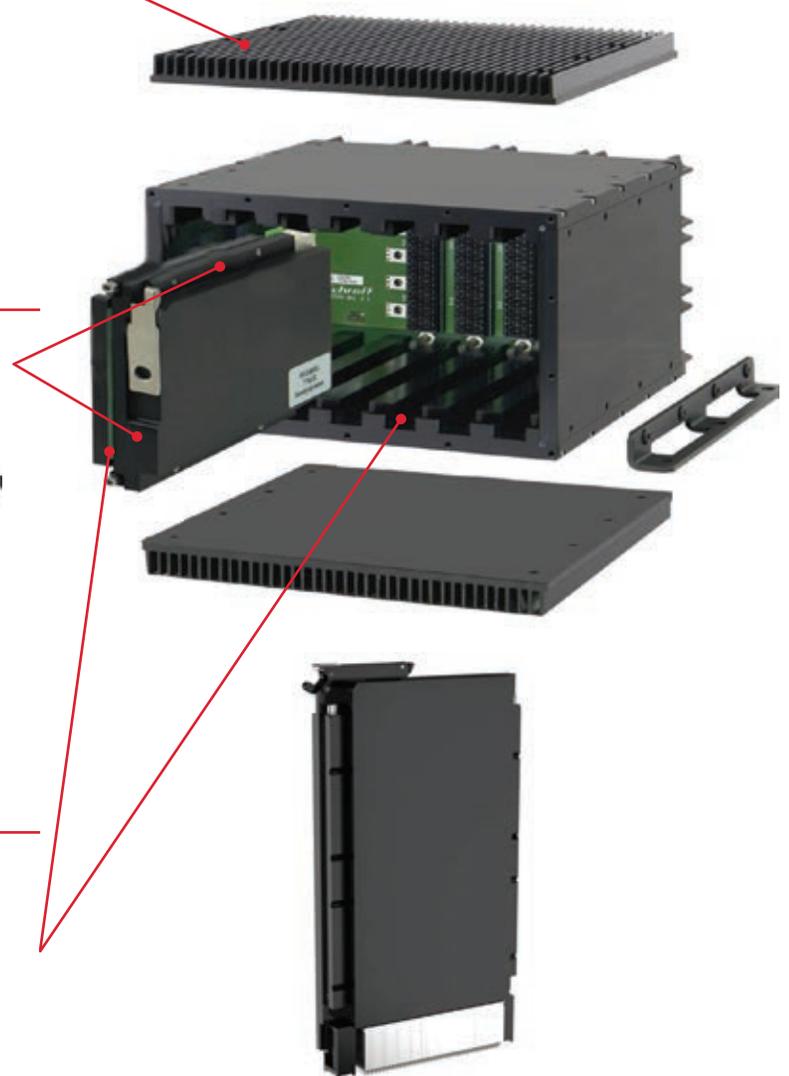
CARD-LOKS, WEDGE-LOKS AND INSERTERS AND EXTRACTORS

- Wide selection of Card-Loks, Wedge-Loks, and "Off the shelf" nylon and metal extractors
- Customized designs and modified standards



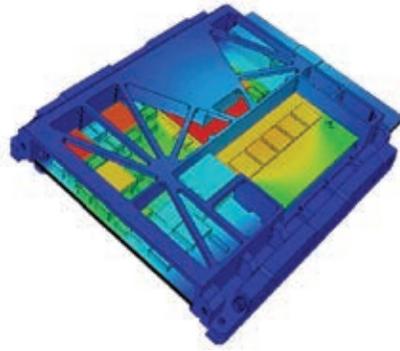
CONDUCTION COOLED ASSEMBLIES (CCA'S)

- High thermal designs
- Downloadable CAD / STEP files based on VITA Standards
- Order one part for the assembly: kitting including CCA, Card-Loks, extractors, thermal pads, gasket and mounting hardware to simplify supply chain management
- Custom design and build to print
- 3D printed prototypes for fit checks



THERMAL MODELING

- Thermal simulation and modeling
- Component and board temperature measurements
- Card-Lok interface temperatures



RUGGED RELIABLE OPTIONS TO OPTIMIZE FOR SWAP, 2ND LEVEL MAINTENANCE



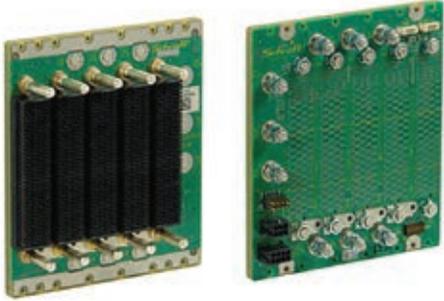
Torque Limiting Card-Loks



Tolerance compensating extractors



High Thermal and Clamp Force Card-Loks



VPX Backplanes



VPX Titan Chassis



901-D Mil-Spec 19" Rack



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