

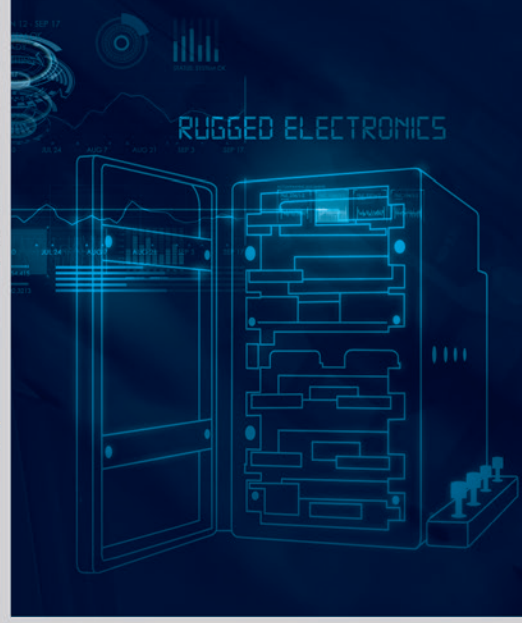


**ELECTRONIC MANUFACTURING SERVICES
(EMS) AND BUILD TO PRINT (BTP)**



**MOUNTAIN
SECURE
SYSTEMS**

RELIABLE PERFORMANCE WHEN IT COUNTS



RUGGED ELECTRONICS

www.mountainsecuresystems.com



DESIGN CAPABILITIES

TEST SERVICES

- Environmental Testing
- Shock, Vibration, Thermal, Humidity/Salt Fog, EMI/EMC
- Functional Testing
- Custom Test Fixture Development

ENGINEERING AND POST DESIGN SERVICES

- End of Life/Obsolescence Management
- Logistics and Supply Chain Management
- Tech Refresh and Design
- Thermal Analysis
- Structural Analysis
- Modal Analysis

DEDICATED ENGINEER AS A PROJECT MANAGER FOR EACH DESIGN

- Build to Print and Build to Specification
- Collaborative Design
- Engineering Design Review
- Design for Manufacturability (DFM)
- PCBA Design, Assembly, and Customization
- Precision machining

CHASSIS, COLD PLATES, AND HOUSINGS

- Liquid and Air Cooled
- Vacuum Brazed, Dip Brazed, Bonded

AT MSS, WE CHALLENGE OURSELVES AND THE STATUS QUO TO BECOME A VALUE-ADDED PARTNER WITH YOU TO OVERCOME THE MOST CHALLENGING OF APPLICATIONS WITHIN THE HARSHTEST OF ENVIRONMENTS.



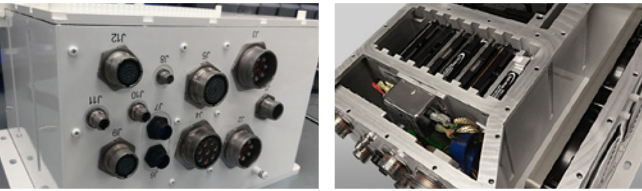


ELECTRONIC MANUFACTURING SERVICES (EMS) AND BUILD TO PRINT (BTP)

MSS is your rugged EMS and BTP partner of choice, specializing in ruggedized electronics since 1985. Our chassis have been deployed in extreme conditions globally and have been reliably engineered to perform in the harshest of conditions.

We can manufacture small simple builds through complex chassis with a high mix/low to mid volume. At MSS we also have the testing facilities and turnkey capabilities to meet your specific needs.

Produced in the United States by skilled manufacturing technicians, MSS rugged electronics have been designed for performance when it counts.



8 SLOT



6 SLOT

CHASSIS

8 SLOT AIR COOLED 3U VPX DIP BRAZED CHASSIS

- 2x VPU, 2x SBC, P/S, E-Net Switch, I/O card
- 6 SSD removable drive bay
- Minimal Cables / Edge Card

6 SLOT LIQUID COOLED 3U VPX CHASSIS

- SBC, P/S, 4x 128GB SSD
- MSS designed VPX backplane
- MSS designed & integrated Linux S/W
- Qualified by MSS to full MIL-810 requirements (-40C to +85C)

MARKETS



AEROSPACE/DEFENSE

- Tracked/Wheeled Land Vehicles
- Missile Systems
- Fixed/Rotary Wing

SPACE/HIGH ALTITUDE

- Rocket Systems
- Launch Systems
- Support Systems

HEAVY EQUIPMENT

- Mining



MOUNTAIN
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RELIABLE PERFORMANCE WHEN IT COUNTS

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Made in the USA