

Success Story: Military

CLIENT

We were awarded a naval surface ship program through a top 10 defense contractor who we have been partnered with for over 20 years.



CHALLENGE

Our client needed a short depth ruggedized server capable of meeting their technical and MIL-STD testing requirements. The solution had to be delivered within their pre-negotiated schedule and budget with the US Government.

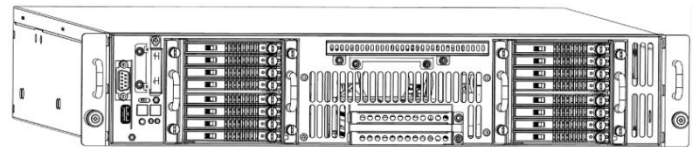
SOLUTION

We were able to leverage our experience and design building blocks to expedite multiple server configurations capable of passing all testing requirements. Our supply chain team used our industry relationships to accelerate prototype parts and ensure we maintained schedule and cost.

CAPABILITIES

We provide:

- Hardened tactical solutions
- Hybrid ruggedized/commercial platforms
- Ground up development specific to client requirements
- Logistics support



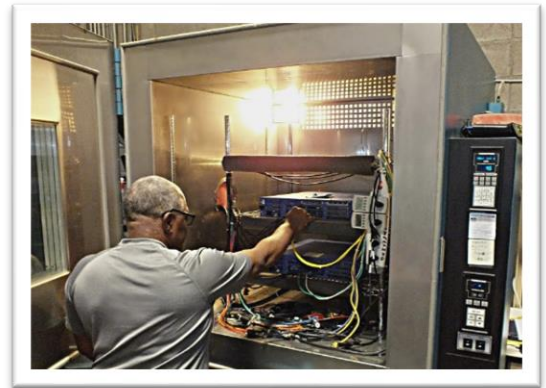
HIPER Global US is a global leader in providing application-specific computing solutions. We offer a full range of world-class hardware platforms, both off the shelf and custom built. Our value-add services include design, turnkey manufacturing, logistics, and support which allow our customers to focus on their core competencies and meet product scheduling deadlines.

TESTING

HIPER Global US is proudly **ISO 9001:2015** certified with tailored in-process and final inspections for each product.

Full in-house testing services will now include:

- Thermal and humidity chamber (-60 to +160°C; 10 – 98% RH)
- Drop tower style shock machine (drops up to 80g and max pulse width 50ms)
- Airflow chamber (up to 150 CFM)
- Power analysis (inrush current, power draw, EMI/EMC, power line noise)
- Noise abatement room for establishing an airborne noise baseline (8Hz – 16kHz)



CERTIFICATIONS

- **MIL-STD-901** Shock Testing of Shipboard Equipment
- **MIL-STD-810** Environmental Engineering Considerations (Thermal, Humidity, Altitude, Noise, Acceleration)
- **MIL-STD-167** Mechanical Vibrations of Shipboard Equipment
- **MIL-STD-461** Electromagnetic Interference Characteristics (EMI)
- **MIL-STD-740-1** Airborne Sound Measurements
- **MIL-STD-740-2** Structure-borne Vibratory Acceleration Measurements
- **MIL-STD-1474** Design Criteria Standard, Noise Limits
- **MIL-STD-1399** Interface Standard for Shipboard Systems & AC Power
- **FCC Part 15 Class A** – Unlicensed Transmission
- **CE Mark** – Health, Safety, and Environmental Protection
- **UL, CSA, cTUVus Marks** – Standards for Safety
- **IEEE and IEC** – Standard for Electronic, Electrical, or Related Technologies

CUSTOM SERVER SAMPLES

