

COMMON OPERATING SYSTEMS ACROSS LAND, SEA & AIR

MOBILE DEPLOYED COMPUTERS

Our engineers are experts in developing and innovating around core requirements, form factor, ruggedisation, processing performance, thermal management and EMC compliance.

FEATURES & BENEFITS

- SWaP – Small and large form factors, lighter materials and power optimised.
- Ruggedised – Designed to operate reliably in the harshest environments.
- Thermal management – Delivering performance uptime in extreme temperatures.
- Power – Ruggedised distribution and conditioning.

NAVAL CERTIFIED RACKS

Designed to optimise flexibility, protection and installation. Modular construction allows for simple breakdown and installation, removing the costly need to modify internal ship infrastructure.

FEATURES & BENEFITS

- Reduced weight - Lighter materials to support ease of transportation and installation.
- Shock and vibration - Rigorously tested and certified to DEF-STAN 0035.
- Fire suppression - Integrated CO2 fire suppression capability.
- Customised tray metalwork - For mounting COTS and military-grade equipment.

HIGH PERFORMANCE RUGGEDISED COMPUTERS

Skilled at architecting complex high performance computers to support significant instances of virtualisation, core counts and redundancy, ruggedised to withstand military operating environments.

FEATURES & BENEFITS

- Ruggedised – Bespoke and commercial platforms.
- Certified – Application-specific certification.
- Thermally optimised – Convection, liquid and advanced immersive cooling technologies.
- Secured – Architected for physical security.

RUGGED TABLET & NOTEBOOK COMPUTERS

Leveraging market-leading COTS, fully-rugged and semi-rugged notebook and tablet computers, supported with additional customisation services to suit operational requirements.

FEATURES & BENEFITS

- Ruggedised – Certified to MIL-STD 810G and IP65+ to ensure reliability in the field.
- Customised – To meet ergonomics, I/O connectivity and battery life requirements.
- In-vehicle – Componentry and services for fleet deployment.
- Battery life – Hot swap or extended battery options to maximise field life.

DEPLOYABLE CUSTOMISED SHELTERS

Expertise in designing and delivering bespoke multifaceted configurations encompassing rack, computing, electrical and environment configurations.

FEATURES & BENEFITS

- Logistics – End-to-end project management from procurement to delivery.
- Customised - Fabricated to meet bespoke dimensions.
- Fully integrated – One-stop service and fulfilment.
- Safety – Designed and tested to provide a controlled environment.



BUSINESS CAPABILITIES

Portfolio of combined capabilities which result in a Tried, Tested and Trusted supplier with a successful track record of delivering quality products and services.

- Established company with a proven track record since 1985.
- Operational capability and scale to meet supply demands and deadlines.
- Industry-leading technology partners with mature supply chain.
- Multi-award-winning business capabilities.

Extensive engineering capabilities to deliver COTS and bespoke platforms that meet exacting requirements and achieve a competitive advantage through innovation at the lowest lifetime cost of ownership.

- Expert engineering with leading-edge products.
- Knowhow and experience in shock, vibration and thermal management protection.
- In-house compliance test facilities and certification management.
- Future-proofed technologies for optimised lifecycle and obsolescence.

DESIGN CAPABILITIES



PROGRAM & PROJECT MANAGEMENT

Experienced in complex engineering programmes. Tender to deployment engagement ensures accurate definition of requirements and execution of outputs for project delivery on time and in budget.

- Customer integrated project teams for stakeholder alignment.
- Structured reviews to identify, evaluate and mitigate risk.
- Change control management to deliver to scope and cost.
- Regular formal reporting.

Comprehensive support and servicing with rapid turnaround to minimise downtime. Obsolescence and change control management mitigates risk and ensures continuity of supply.

- Customised service-level agreements to meet specific project needs.
- Extended warranty packages and spares provisioning.
- Buffer stockholding and floating spares to protect against unexpected shortages.
- Maximised service life through effective equipment repair.

SERVICE & LIFECYCLE MANAGEMENT



ELECTRO-MECHANICAL INTEGRATION

Well established manufacturing and integration capabilities for complex electro-mechanical sub-assemblies and systems for aerospace and defence.

- Complex metalwork manufacturing
- Build to print capability of electro-mechanical assemblies.
- Production of cable assemblies and harnesses.
- Comprehensive finishing service with in-house paint shop and electroplating.