

Overview

Technovare has been providing Engineering Design Services and Contract Manufacturing to the Space and Defense market for over 18 years. With complete turnkey capability ranging from system design thru manufacturing, Technovare is well suited to meet the needs of any Quick-Turn or High-Rel project.

Whether it's just performing a build to print, performing cost reduction, or re-engineering an obsolete system, Technovare's multi-disciplined production staff is available to augment its customer's own production capabilities. Technovare's focus on Space and Defense systems has enabled it to develop the rigor and production processes required for producing High-Rel hardware. These processes include top down requirements review, parts sourcing, fabrication, assembly, test and qualification.

Technovare's ability to develop Quick-Turn prototypes with a direct migration path to High-Rel production is at the cornerstone of the companies Engineering Design Service and Contract Manufacturing business. Technovare's strategy of partnering with best of class fab, assembly, and test facilities allows it access to top of the line equipment and fabrication capabilities without the associated overhead..

Production Planning/Engineering

- Obsolescence Management
- Cost Reduction
- Sustaining Engineering
- Product Upgrades
- Customer and Field Support

Parts Procurement

- Long Lead Parts Management
- EOL Management
- Inventory Control
- Stocking



PCB Fabrication

- Up to 30+ Layers
- Controlled Impedance
- Blind and Buried Vias
- RF and Microwave Circuits

PCB Assembly

- Quickturn
- Fine pitch
- Double Sided SMT
- BGA and Micro-BGA

Production Test

- Rack and stack test systems
- Burn-in systems
- JTAG Test Systems

Qualification Services

- EMI: FCC, CE, VCCI, ROHS
- Vibration and Shock
- Thermal: Burn, In, HAST, Life Test
- Commercial, Industrial, Mil-Std-883