

Electronic Fabrication

Manufacturing Technologies

Electronic Fabrication provides our customers solutions for the packaging design, production acceptable prototype fabrication, or deliverable production fabrication.



Physical Inventory Pallet

Capabilities

- Final electronic product packaging from sketches and verbal instructions
- Provide CAD drawing package after project completion if no formal prints are available
- Complete system development and fabrication through concurrent engineering
- Concurrent engineering in prototype and production fabrication
- Integrate commercial equipment into prototype system design

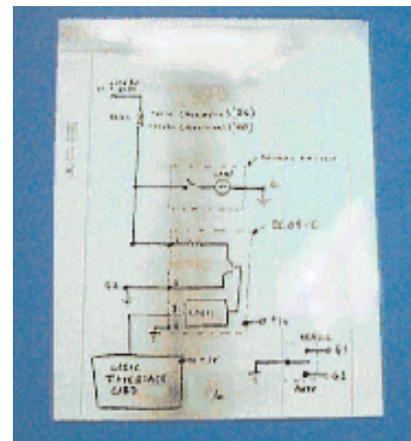
- Implementation and modification of commercial equipment
- Packaging of prototype into finalized product assembly

Resources

- Customer assistance from fabrication, to testing, to complete system installation
- Engineering review of electronic packaging, drawings, and design requirements



Sketch to Prototype Fabrication





*Weapons
Systems
Tester*

- Certified fabricators to MILSTD 2000, Sandia 9913013, and/or IPC-J-STD-001C for soldering
- Certified personnel for industry spec IPC-A-610, acceptability of electronic assemblies
- Automated systems including CAD Layout and Engraving systems
- 2500 watt CO₂ laser
- Machine Shop
- Suppliers for quick turnaround

Accomplishments

- Development and fabrication of weapons testers
- Development and fabrication of production testers and units
- Interfacing and cabling of modified centrifuge at WETL in Pantex
- Fabrication of flight interface cabling

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