

3-D Marketing Capability Statement

3-D Marketing (002L0) is a manufacturer of top quality standard and custom electrical solutions supporting a vast array of applications for the US DoD and its Prime Contractors. As a turnkey provider with considerable industry experience our manufacturing and design team work closely to ensure specific project requirements are identified and needs are met.

Core Competencies

We provide manufacturing & service solutions for:

- Cable/Harness Assemblies
- PCB Assembly
- Antennas
- Panel Assemblies
- Metal Fabrication / Machining
- Engineering / Technical Support / Product Design



Quality Management

Our manufacturing facility is ISO 9001 and IPC Global Standards certified. We continually work to improve the effectiveness of our quality management system and our reputation is built upon providing quality products, on time delivery and responsive customer service.

Manufacturing Facility's Process For Cables/Harnesses Includes

- Contract review
- Customer acknowledgement
- Router created
- Purchase of parts
- Receiving parts
- Incoming inspection of all cable & components
- Qualified cable & components are released to staging, unqualified to quarantine
- Cable and components are then assigned to "Q"
- Once on the manufacturing floor, cable is prepped, parts are prepared
- Product is assembled in accordance with drawing
- Cable/Harness is tested before locking down back shells
- Back shells tightened and cable/harness is finished to drawing
- Final assembly of labels, cosmetics, etc.
- Final testing of continuity, open, shorts and hi-pot
- Final test report printed and saved for customer
- Packaged to commercial or MIL SPEC standards, invoiced and shipped

Key Differentiators

By providing quality products and service to our clients we have established confidence in our working relationship with them. By acquiring an in-depth understanding of their project(s) we have, on many occasions, been instrumental in supporting them with engineering design changes that improve the cost and efficiency of the product.

Past performances

We are the leading supplier to the DLA, Richmond on all standard and modified DAGR accessories with a 100% quality & performance record for 20 years.

We were the Prime Contractor for the manufacturing and integration of over 10,000 turnkey Real Time Differential GPS Systems for the USDA's NRCS & FSA Agencies

Our current main role of supporting the DoD's Prime Contractors and their subs involves us with the manufacturing of a wide range of multiple cables/harnesses, antennas and metal work that are utilized in multiple Military Programs.

List of Major Equipment

- 9 computerized injection over molding machines
- 2 Schulinger 9550 cut and strip machines with pre feeds
- 8 Cirrus testers for testing shorts, continuity, and hi-pot
- Heat shrink oven
- 2 Hi temp ovens for curing epoxies
- Vacuum chamber
- Various electric cable spoolers
- CNC mill machine
- CNC lathe
- EDM machine
- 2 six ton presses
- PCB assembly equipment (full set up)
- Electric military torque to spec equipment with all military connector series adapters
- 2 microscopes with cameras
- Label making equipment
- 6 Schulinger wire strippers for various gages(2750)
- Schulinger hot stamp machine
- Torroid machine
- Coil machine for magnet wire for antennas



Summary

3-D has been providing quality standard and custom cable/harness solutions for a large number of U.S. Government programs. Our facility utilizes Lean Manufacturing processes and state of the art equipment.