



EEI Manufacturing Services

Offers Total Product Support as a Superior Electronic & Electromechanical Manufacturing Services provider

Founded in 1993, EEI has proven infrastructure, processes, program management and technical skills specializing in Engineering Services (NAICS 541330), Circuit Card Assembly (NAICS 334418 & 334419) Cable Assembly (335921), Box Build & System Integrations (NAICS 541512) and Technical Training (NAICS 611519) supporting Department of Defense, Department of Transportation, Department of Homeland Security, Medical Electronics and other industries requiring Class III Manufacturing quality standards.

EEI's current state of technologies allowing us to: Design, Manufacture and Integrate a wide array of products, services and solutions. Our state of the art facilities and equipment have the ability to take designs to full production - All assemblies are built to IPC-610 Class 3 in a scalable production environment.

- **Engineering Services**
 - Product Development / Design To Spec - Our engineers can assist your product designers at any phase of the product development cycle
 - Design For Excellence – DFX / DFM / DFT
 - PCB Layout
 - Rapid Prototyping
 - BOM Management Services – *Mitigate Obsolescence* - Electronic Component Obsolescence management tools
 - Searches 185 Million semiconductors, passives & electromechanical parts for cross references, lifecycle, parametric, obsolescence forecasts, environmental compliance & inventory data.
- **Manufacturing Services**
 - Circuit Card Assembly
 - Rigid & rigid-flexible PCBs
 - Low – Medium volume Surface Mount Technology, Through-hole & Mixed Technology production
 - Ball Grid Array Experts
 - Internal BGA rework capability
 - X-Ray technology for inspection of Ball Grid Array and all hidden solder joints
 - Placement system capable of placing devices of package size from 0201 to 2 inches square with lead pitch down to 0.3mm, and ball pitch down to 0.7mm
 - Operators certified to;
 - J- STD-001
 - IPC/WHMA-A-620
 - IPC-A-610
 - IPC-7711/7721B
 - Conformal Coat Capabilities
 - Acrylic, Parylene, Polyurethane & Silicone (type AR, XY, UR, and SR)
 - Test
 - Fixtureless Flying Probe / Boundary Scan
 - Environmental Stress Screening
 - RF Test
 - Functional
 - Automated Optical Inspection
 - Cable continuity/ Hi-pot / pull testing
 - Build to Spec - Offering turnkey, fully tested, and ready-to-install precision mechanical and electromechanical assemblies built to customer specifications while addressing, producibility, reliability, and process enhancement requirements.
 - Electromechanical & Mechanical Assembly
 - Box Build & System Integration
 - Cable Assembly
- **Training Services** – Some of the courses we currently offer in our State of the Art Licensed IPC Training Facility;
 - CIT (Trainer) & CIS (Operator) Certification & Recertification;
 - J- STD-001
 - IPC/WHMA-A-620
 - IPC-A-610
 - IPC-7711/7721B
 - Technical Skills Training
- **Procurement Services**
 - Cost Effective
 - Consolidated Monthly Billing
 - Fixed Fee
 - Variety of Services



Our current Customer base includes: **DOD** - Redstone Arsenal (ARMY), Fort Monmouth (ARMY), Warner Robins (AFB), Federal Aviation Administration (FAA), Alliant Techsystems, GE Avionics/UNISON, Northrop Grumman, Lockheed Martin and Raytheon. Several of the Programs we are currently supporting include: **AAR47** (Missile Warning Set), **ALR-67** (Radar Warning System), **AN/APY-10** (Maritime, littoral and overland surveillance radar), **Sniper XR**, **CCTT** (Close Combat Tactical Trainer), **SMACM** (Surveilling Miniature Attack Cruise (Missile), **JAGM** (Joint Air-Ground Missile), **JATAS** (Joint and Allied Threat Awareness System)**JASSM** (Joint Air to Surface Standoff Missile), **JCM** (Joint Common Missiles), **JSF** (Joint strike Fighter), **ST&T**(Submarine Track and Trail), **RT CASS** (Consolidated Automatic Support System, Reconfigurable Transportable), **Slickstart** (Solid-state Magneto Start Booster) & **PC-IG** (PC based image generators), **Striker** (Mark 47 Automatic Grenade Launcher) Department of Homeland Security

EEI is certified and registered to ISO9001:2008 and AS9100 compliant (cert 3rd QTR 2016).
 EEI is a certified woman owned small disadvantaged business – **WOSDB & EDWOSB**

2015 Top Ranked Woman Owned Businesses	Tampa Bay Business Journal
2015 Top 100 Fastest Growing Woman Owned Firms In Tampa Bay	Tampa Bay Business Journal
2014 Top Ranked Woman Owned Businesses	Tampa Bay Business Journal
2013 Top 100 Fastest Growing Woman Owned Firms In Tampa Bay	Tampa Bay Business Journal
2012 Fast Fifty Technical Companies	Tampa Bay Business Journal
2011 Top 75 Woman Owned Business	Tampa Bay Business Journal
2010 Top 100 Fastest Growing Woman Owned Firms In Tampa Bay	Tampa Bay Business Journal
2010 Top 75 Woman Owned Business	Tampa Bay Business Journal
2009 Fast Fifty Technical Companies	Tampa Bay Business Journal
2009 U.S. SBA 2009 National Subcontractor of the Year	U.S. Small Business Administration
2009 U.S. SBA 2009 Region IV Prime Subcontractor of the Year	U.S. Small Business Administration
2008 Raytheon SAS Supplier Excellence Award	Raytheon SAS
2007 Top 75 Woman Owned Business	Tampa Bay Business Journal
2007 Fast Fifty Technical Companies	Tampa Bay Business Journal
2006 Top 100 Fastest Growing Woman Owned Firms In Tampa Bay	Tampa Bay Business Journal
2006 Top 75 Woman Owned Business	Tampa Bay Business Journal
2006 Top 100 Fastest Growing Technical Firms In Tampa Bay	Tampa Bay Business Journal
2005 Business Woman of The Year	Tampa Bay Business Journal
2005 Lockheed Martin Small Business Of The Year	Lockheed Martin