

# INDUSTRIAL ELECTRONICS SERVICES

ELECTRONICS MANUFACTURING SERVICES PROVIDER



## CAPABILITY STATEMENT

Founded in 1989, IES is a woman-owned small business providing electronics manufacturing services for CCA/PCBA products to corporate and government clients. With focused attention to detail IES serves to provide flexible services on time and with the utmost quality.

### Markets:

- Defense
- Aerospace
- Energy
- Transportation
- Medical
- Communications
- Industrial
- Emerging

Physical Address:  
122 Kwickway Lane  
Gray, Tennessee 37615

Mailing Address:  
213 Suncrest Street  
Gray, Tennessee 37615

Phone: 423.477.0118  
[www.iesgray.com](http://www.iesgray.com)

### SERVICES

PCB Design Layout  
Design for Manufacturability  
Product Customization  
Consigned or Full Turnkey Material Options  
New Product Introduction  
Prototype, Pilot Builds  
Full Production Manufacturing  
Box Build  
Integration Services  
Conformal Coating  
Testing  
Traceability  
Depot Repair  
Finished Goods Holding  
Order Fulfillment  
Life Cycle Management

### EQUIPMENT

Surface Mount Technology (SMT) Lines  
Solder Paste Inspection (SPI) System  
SMT Glue Dispensing System  
3D X-Ray Inspection System  
3D & 2D Automatic Optical Inspection (AOI)  
Hand Soldering Lines  
Through-Hole Technology (THT) Slide Lines  
Automated THT Assembly Line  
Leaded Dedicated Wave Soldering Line  
Lead-Free Dedicated Wave Soldering Line  
Water Wash with Chemical Bay  
Ultrasonic Cleaning Equipment  
Ionograph  
BGA Rework System  
Automated Conformal Coating Lines  
Manual Conformal Coating Stations  
Box Build Lines with wiring capabilities  
Thermal Chamber  
In-Circuit Testing  
Flying Probe Testing  
Functional Testing

### DIFFERENTIATOR

*As a small business we offer flexibility and personal attention, with diverse capabilities of a larger company. Our current space and equipment have room to double in size with very little investment.*

### QUALITY SYSTEMS

ISO 9001:2015 with Design  
AS9100:2016

### MANUFACTURING TEAM

Certified In-House IPC/JSTD Trainers  
IPC-A-610  
J-STD-001 with Space Addendum

### COMPLIANT

IPC 7711/7721  
IPC-WHMA-A-620  
AS5553  
ESD S20.20  
FDA GMP

### GOVERNMENT

DUNS: 809190747  
TAX ID: 62-1508154  
NAICS: 334418, 334419  
CAGE CODE: 3CFL7  
ITAR Registered  
JCP Certified  
SAM Registered  
GIDEP Participant  
NIST 800-171 Compliant

### PAST PERFORMANCE

US NAVY (SPAWAR/NAVWAR)  
DOE - ORNL  
NASA SRO  
COLLINS AEROSPACE  
GENTEX  
GATR/CUBIC  
SAIC  
SRC  
GTRI



Assembled in USA



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