

COMPLEX ELECTRONIC CONTRACT MANUFACTURING

For Mission Critical Aerospace & Defense Systems



RELIABILITY & TRANSPARENCY FOR DEFENSE OEMS

With years of experience, we continue to serve as both a defense contractor & supplier to recognized leaders in the market. At Spartronics, we offer uncompromising dependability for Defense OEMs in value-added engineering & manufacturing of their highly complex products.

CENTERS OF EXCELLENCE

Throughout the U.S., Spartronics has dedicated Aerospace & Defense Centers of Excellence. With regulations consistently changing & making product even more complex, our experience & certifications ensure that the solutions we build will meet the highest standards of the U.S. Department of Defense along with all other regulatory requirements — ultimately ensuring unfailing reliability and safety.

CERTIFICATIONS

Our Aerospace & Defense Centers of Excellence meet all military and defense standards & certifications.

- AS9100
- IPC-A-610,620
- IPC7711,7721
- ISO9001
- ISO14001
- ITAR Registered
- J-STD-001
- J-STD-001 Space Addendum
- NIST 800-171
- NADCAP

APPLICATIONS

We understand the importance of testing to ensure components operate safely & effectively. Our experience for the defense sector is complex, yet diverse.

- Avionics
- C4ISR equipment
- Combat & ground vehicles
- Conducted electrical equipment
- Data acquisition systems
- Early warning radar detection
- Electronic warfare
- Ground warning systems
- Laser & optic systems
- Missile threat detection

PARTNER OF CHOICE FOR YOUR MISSION CRITICAL DEVICE

Spartronics demonstrates flexibility to serve as your partner for full service value-added engineering & manufacturing across or at any stage of the product lifecycle.

Value-Added Engineering Services

Leverage our proven product development processes to meet your unique requirements for hardware, software and electromechanical systems.

Product-Management Services

- Lifecycle management
- Logistics
- Program management
- Quality management & regulatory compliance
- Traceability

Transition to Manufacturing

Process & product verification as well as design history files.

Manufacturing Services

Full scale production, built to forecasting

- Circuit card assembly (CCA)
- 3D automated optical inspection
- Complex electromechanical assembly
- Automated conformal coating
- Environmental testing
- Shake & vibe
- In-circuit and functional testing
- Prototyping development
- 3D solder paste inspection
- X-Ray
- System integration
- XRF analyzing
- Tin whisker mitigation

Supply Chain Services

Our team of manufacturing and supply chain specialists works alongside your team, utilizing analytical tools and Design for Supply Chain (DSC) methods to produce a comprehensive supply chain solution that includes:

- Component engineering
- On-site stores
- Preferred supplier agreements
- Risk analysis
- Supplier audits
- X-Ray counting equipment

Aftermarket Services

Spartronics offers refurbishment in the field or servicing at our facilities.

- Obsolescence management
- Refurbishment
- Repair
- Spare parts support
- Software maintenance
- Sustaining engineering

