



Aerospace & Defense

TT Electronics is Proud to Serve its Military and Commercial Customers

TT Electronics Global Manufacturing Solutions is proud to serve the armed forces and commercial aviation industries through manufacturing partnerships with the largest aerospace, defense and homeland security companies in the world. From highly sensitive guidance systems to mission-critical reliability, TT Electronics is the right fit for those requiring low volume, high complexity electronics manufacturing capabilities. As a proven industry leader, we provide comprehensive design, manufacturing, supply chain and fulfillment services.

With a global manufacturing footprint spanning three continents, TT Electronics is poised to deliver. As a trusted partner, we convene with customers to provide unrivaled personalized service and cost effective, mission critical solutions that streamline customer production locally and globally. Among our global manufacturing facilities, we offer leading electronic assembly and strive to build partnerships based on industry leading innovation and engineering services.

Focused on customer needs, our experts deliver highly reliable products and custom solutions on time, never sacrificing quality. Our natural skill strength is creating solutions for customers' technically challenging, long life cycle, low volume,

high mix product requirements. Our core competencies include cable harness and interconnect systems, printed circuit board assembly, full systems integration and box-build services. TT provides end-to-end manufacturing solutions, including design and engineering support, environmental qualification and reliability testing to many of the world's largest manufacturers in the aerospace and defense industries.

Our teams are highly trained in advanced testing methods and procedures. Whether it's an in-circuit test development to evaluate the compatibility of component placement on a board, or customized processes conducted in functional test development programs, our investments in state-of-the-art testing equipment and resources ensure quality and reliability.



The success of our business is testament to our quality and delivery standards. TT meets and exceeds industry quality standards. In the last few years, we received the AS9100 Aerospace Quality Management Standard globally and now hold various Nadcap accreditations across three of our facilities in China, the UK and the USA. Supply chain management is the active management of supply chain activities to maximize customer value and achieve a sustainable competitive advantage. All of our procurement and supply chain processes are built in compliance with AS9100 and individual aerospace OEM customer requirements.

About TT Electronics Integrated Manufacturing Services

TT Electronics Global Manufacturing Solutions, a wholly owned subsidiary of TT Electronics plc, specializes in low volume, high mix electronics manufacturing services for the aerospace, defense, industrial, medical and rail industries. With manufacturing locations in North America, Europe and Asia, TT provides high complexity electronics and electromechanical assemblies for regional and global manufacturing companies. With a reputation for quality, engineering, testing and integration, we provide every customer with personalized business solutions and global buying power.

Examples of Products Experience

- Commercial & Defense Avionics
- Defense/Security Vehicular Electronics
- Electronic Warfare/Information Warfare Systems
- Ruggedized/High Reliability Systems
- Security Screening and Identification Systems

Core Competencies

- Design and development engineering
- SMT and THT printed circuit board assembly
- Backplane assembly
- Integration and box-build services
- Conformal coatings, pottings & encapsulations
- Cable harness manufacture & assembly

Related Certifications

- ISO 9001
- AS9100
- ISO 14001
- Nadcap
- UL Cable Approval
- IPC-A-610D
- J-STD-001
- ITAR Registered



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