



Kitron

Your ambition. Our passion.

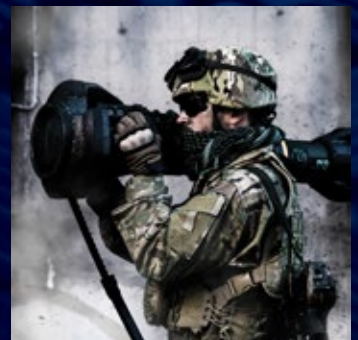
Defence/Aerospace sector



Development
NPI
Sourcing
Manufacturing
Logistics
After Sales Services



Norway
Sweden
Lithuania
Germany
USA



www.kitron.com

Kitron is a leading international provider of Electronics Manufacturing Services (EMS) with half a century experience of broad expertise in defence and security. We operate globally from modern facilities in Norway, Sweden, Germany, Lithuania, China and the USA. Kitron has **1200 highly skilled employees ensuring value-added and innovative services** along the entire value chain of electronic manufacturing.

DEFENCE/AEROSPACE COMPONENTS, LOGISTICS, MANUFACTURING & TESTING

Kitron's customers are product developers that place high requirements on the manufacturing processes, embracing anything from avionics, missiles, simulation training systems and C4IS. We supply any services related to manufacturing of an electronic product from cradle to grave. Kitron's industrial expertise is typically new product introduction services, test development, environmental stress screening, conformal coating, high-level assembly, technology transfer and repair and overhauls. We are currently delivering complete systems and sub-assemblies for use in advanced military equipment under numerous programs.

Kitron has separate facilities for military work. But we also apply the know-how and technology from our activities in the Energy/Telecoms, Offshore/Marine, Medical device and Industrial sectors.

We work closely with customers – from concept, design and engineering work, with materials selection and sourcing, to testing, production, logistics and support. Each customer has a single point of contact and access to a cross-functional team of specialists. The focus is ensuring that quality is right while optimizing costs and coming to market in the shortest time possible.



SERVICES ACROSS THE ENTIRE VALUE CHAIN

Development

Kitron offers customers complete product development solutions combining our own strengths with those of our dedicated design/development partners. Our project managers are skilled at taking projects all the way from concept to industrialization and serial production.

Sourcing

Our global sourcing specialists understand lifecycle cost analysis and regulatory requirements, and know how to take advantage of market opportunities when choosing suppliers and components. Thus Kitron helps customers gain competitive advantage through lower material costs, better quality and a seamless supply chain.

New Product Introduction

Kitron's NPI Centre offers full-service rapid prototyping plus expert product assessments. Reviews of manufacturing requirements, testability and component suitability are based on industry standards, best practices and relevant regulations. We thus help customers improve new products, cut lead time and reduce manufacturing costs – before production begins.

Manufacturing

Our dedicated facilities for military applications use leading-edge technology in the assembly and testing of end products as well as thick-film multi-chip modules and printed circuit boards. We are capable and experienced in conformal coating processes for the manufacturing of electronics that operate reliably even in rough environments in the sea, on land or in the air.

Logistics

Kitron's logistic team ensures safe and effective delivery of products to our customers or to the end customers.

REFERENCE CUSTOMERS & PROJECTS

BAE Systems, GE Aviation, Kongsberg Defence & Aerospace, Kongsberg Protech, Lockheed Martin, Northrop Grumman, Rheinmetall, SAAB Avionics Systems, SAAB Bofors Dynamics, SAAB Training Systems, SAAB Transpondertech, SAAB Underwater Systems, Thales are among the international Defence/Aerospace customers that have benefitted from Kitron's EMS expertise.

Examples of our work include the F-35 Joint Strike Fighter's integrated backplane assembly, which Kitron manufactures, tests, maintains and repairs. And under offset programs, Kitron supplies sub-assemblies and full systems for use in fire control, communication, missiles and electronics modules on military aircraft.

OPERATIONAL EXCELLENCE, CONTINUOUS IMPROVEMENT, SUSTAINABLE DEVELOPMENT

Quality standards

- ISO 9001:2008
- ISO 14001:2004
- EN/AS 9100:2009
- IRIS rev.2
- ISO 13485:2003
- 21-CFR-820-QSR
- AQAP 2120

General workmanship standards

- IPC-A-610 Acceptability of Electronic Assemblies
- IPC/WHMA-A-620 Requirements and Acceptance for Cable and Wire Harness Assemblies
- IPC J-STD-001 Requirements for Soldered Electrical and Electronic Assemblies
- IPC-7711/7721 Rework, Modification and Repair of Electronic Assemblies
- IPC-A-600 Acceptability of Printed Boards

Kitron offers IPC Class 2 and Class 3 assemblies. Customer-specific requirements are met through training and certifications.

5S, Lean, Six Sigma, PFMEA and Kaizen compliance.

Controls to safeguard customer intellectual property.

ERP for rapid response, inventory management and capacity planning, with strong reliability and symmetry so customers benefit in relation to schedule flexibility, mix, volume, complexity, etc.

Flexibility: learned in 50 years of handling fluctuating manufacturing volumes for customers.



www.kitron.com