DOMAIN EXPERTISE

STSdefence
a **cicor** company

Communications and Networks
- Secure networks
- Satellite communications
- Antennas and RF
- Messaging Command and Control
- Information Assurance

Electronic Warfare
- Advanced signal processing
- Electronic Support Measures
- Calibration
- Countermeasures

Control and Instrumentation
- Control systems
- Engine management
- Databus networks
- Power distribution
- Rugged consoles, enclosures and racks

STS Defence is a UK-based technology and engineering company, specialising in mission-critical, secure communications and networks, electronic warfare and control and instrumentation systems.

We operate primarily in the Naval and Air Defence markets, helping our customers to resolve complex technical challenges by delivering innovative solutions and programmes; designing and manufacturing mission systems and equipment, and sustaining and modernising capability through-life.
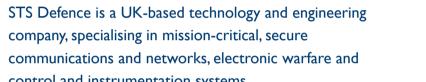
Our independence, system engineering expertise, platform knowledge, and agility enables us to quickly understand and adapt to our customers' issues and requirements, developing robust, workable, cost-effective integrated technology solutions and managed services; reducing risk and ensuring successful outcomes.

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LRQA CERTIFIED
AS 9100
UKAS MANAGEMENT SYSTEMS 0001

LRQA CERTIFIED
ISO 9001-2015
UKAS MANAGEMENT SYSTEMS 0001

UKAS MANAGEMENT SYSTEMS 9963
QUVA ISO 45001 CERTIFIED

UKAS MANAGEMENT SYSTEMS 9963
QUVA ISO 14001 CERTIFIED

Nadcap
Administered by PRI
ACCREDITED

JOSCAR REGISTERED

CYBER ESSENTIALS CERTIFIED PLUS

ARMED FORCES COVENANT
SILVER AWARD 2020

SUSTAIN

Design Authority

- Extensive expertise in platforms, systems and equipment
- Maintaining integrity of complex capability and interfaces
- Setting to work, calibrations, trials and acceptance

Integrated Logistic Support

- Worldwide support, maintenance and repairs ensures high state of readiness
- Obsolescence solutions and technical documentation
- Inventory management, warehousing, spares and logistics

Service Management

- 24/7 user support and incident tracking
- Asset management and reporting
- End-to-end performance monitoring and continuous improvement

Training

- Development and delivery of specialist blended training solutions
- Platform systems, technical user and maintainer courses
- Qualified and highly experienced subject matter experts

MODERNISE

Research and Technology

- Predictive systems, edge computing, advanced signal processing and software development
- Sensors, antennas and RF
- Embedded Artificial Intelligence for use in deployed environments

System Engineering

- Requirements development and verification
- System development from concept to in-service and disposal
- Reference facilities, System Integration Labs and experimentation

Product and System Design

- Design for challenging defence environments
- Electronics and electrical sub-systems, computation fluid dynamics and thermal management
- Network and communication systems

Capability Enhancement

- Agile, technology-focused system engineering and design team, responding to end-user needs
- Electronic, electro-mechanical and software solutions for communications, sensors and controls

MANUFACTURE

Prototype and Qualification

- Integration, functional and qualification-testing prototypes
- New product introduction and configuration control
- Environmental and compliance qualification management

Assembly and Test

- System assemblies and electrical/electronic integration
- Functional testing and acceptance
- Enclosures, consoles, antennas, printed circuit boards, cable-harness and interconnects

Fabrication

- Mechanical outfitting, CNC machining and 3D printing
- Painting and finishing
- Critical enabler for integration, installation and repair

Installation and Integration

- Platform integration solutions, design, guidance packages and technical documentation
- Fully managed, on-platform installation and setting-to-work, trials and acceptance of complex systems