

SOURCING AND OBSOLESCENCE SOLUTIONS



**A leading brand just
got stronger**

**Brand lies at the heart of
our business**

it's what makes us
unique



Solid State Supplies now trading as Solsta



Solsta Overview

Solsta is a Solid State PLC company. The group was founded in 1971 and listed on AIM (SOLI) in 1996. It is a design led manufacturer and distributor of rugged computing, battery power solutions, electronic components, modules and **obsolescence solutions**.

Solsta is a technical franchised distributor serving the needs of the electronics community globally, providing a comprehensive range of technical, commercial, value-added training and support. We don't just help provide our customers with components for applications, we assist our customers from R&D to volume production, integrating these parts into successful new products.

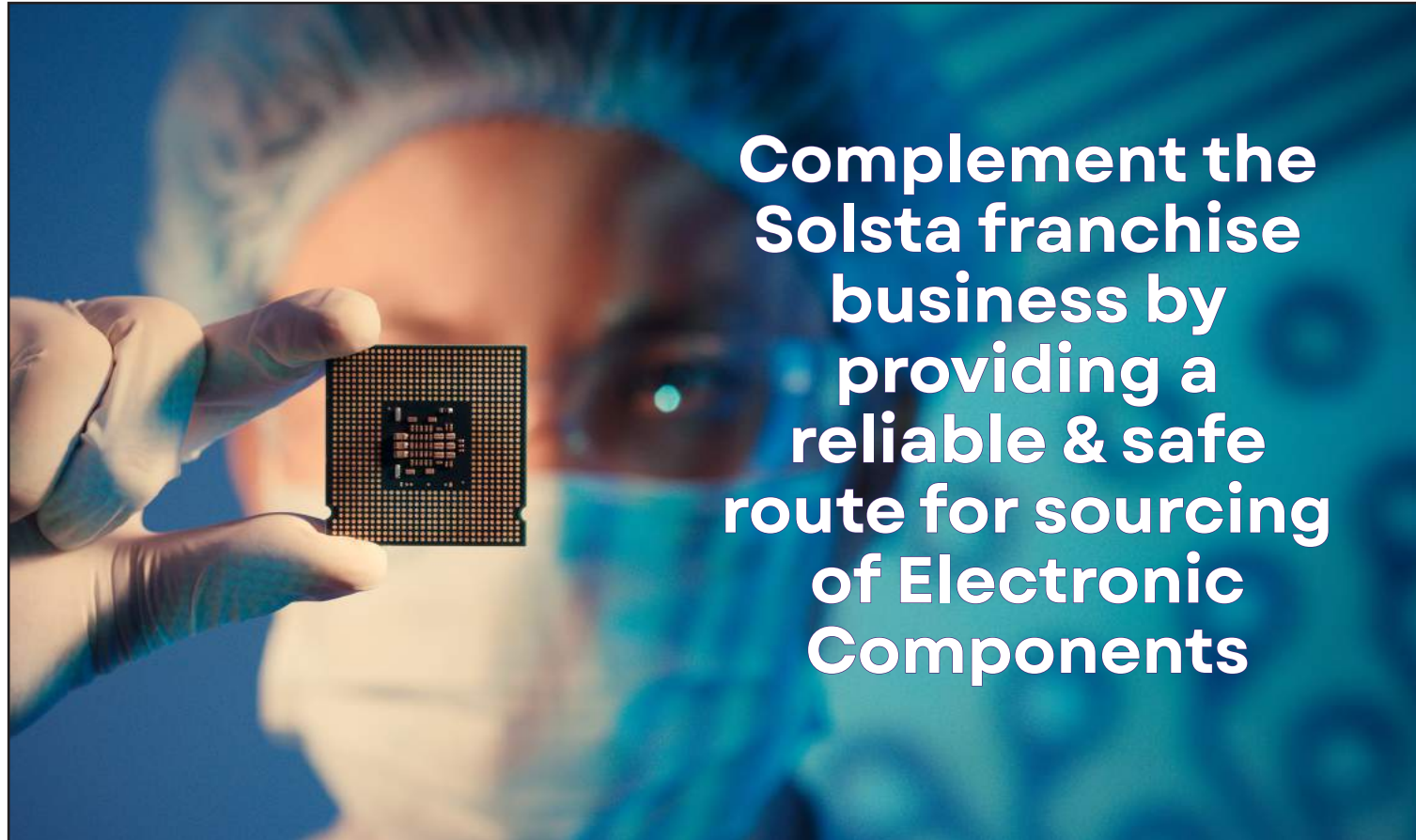


Sourcing Division **Overview**



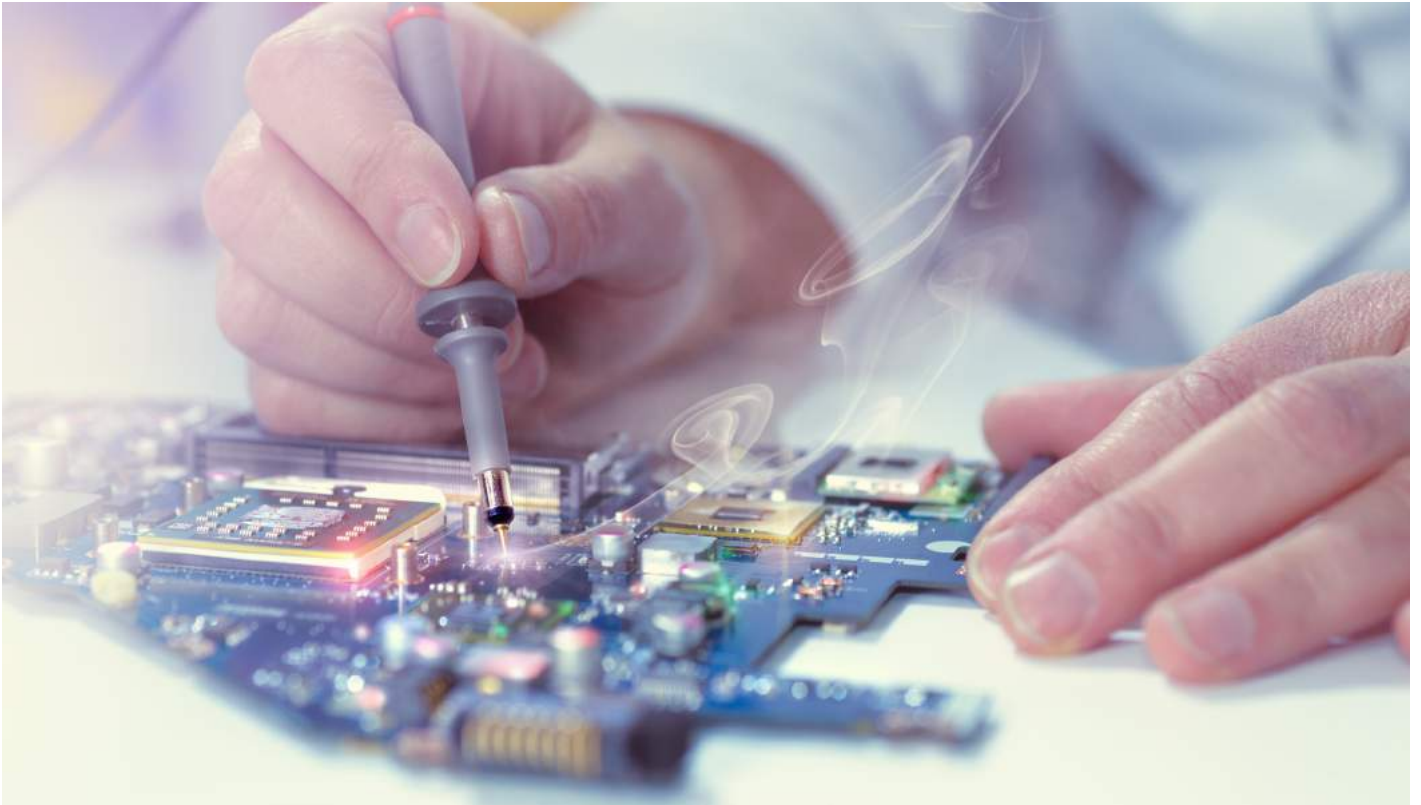
Sourcing and Obsolescence (SOS) is a specialist Solsta business unit, with 30+ years' experience in the defence, aerospace and industrial arena. We offer an extensive, complete and cost effective sourcing service for obsolete and hard-to-find electronic components, including from suppliers we are not franchised for. We have a long term storage facility and access to assured sources world-wide and utilise the latest anti-counterfeit methods. **SOS** is an AS9100 accredited, trusted partner, to a growing number of customers where high reliability is essential.

SOS Mission Statement

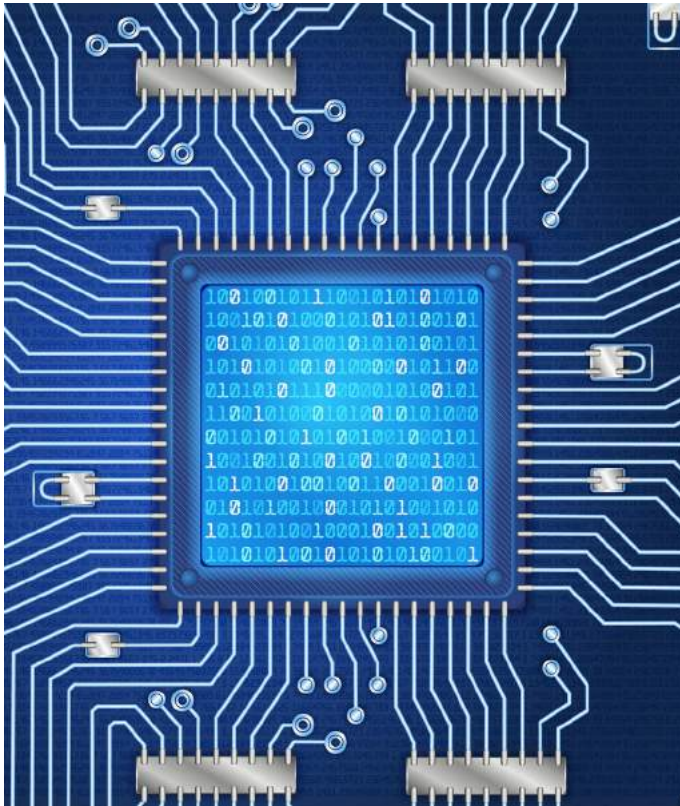


**Complement the
Solsta franchise
business by
providing a
reliable & safe
route for sourcing
of Electronic
Components**

Value Added Services



Electronic Component Sourcing



- ❑ Global distribution network of approved suppliers & agents
- ❑ Market knowledge & experience
- ❑ Supply chain expertise
- ❑ Access to global excess & LTB inventory
- ❑ Schedules, buffer stock & fixed pricing
- ❑ Cost reduction & PPV services
- ❑ Counterfeit avoidance policy



Sourcing You Can Trust



Expertise / Value Added Services

- ❏ Inspection & testing solutions
- ❏ Obsolescence management
- ❏ BOM Analysis
- ❏ Long term storage & packaging
- ❏ Shortage mitigation
- ❏ Excess inventory management
- ❏ Electrical re-testing / Requalification of components
- ❏ In-house tape & reeling / Device programming
- ❏ MSD dry packing / Bake & seal
- ❏ Kitting
- ❏ Vendor reduction & tail end spend management

Quality Approvals

PRODUCT QUALITY

MAX

QUALITY

100%

CERTIFIED ISO 45001:2018 COMPANY

nqa.
AS9100
AEROSPACE & DEFENSE

nqa.
AS9120
AEROSPACE & DEFENSE

nqa.
ISO 14001
ENVIRONMENTAL MANAGEMENT

nqa.
ISO 13485
MEDICAL DEVICES

nqa.
ISO 9001
QUALITY MANAGEMENT

Inspection & Testing Standards

- ▣ **AS6081** – Fraudulent/counterfeit electronic parts: avoidance, detection, mitigation & disposition – all distributors
- ▣ **AS6496** – Fraudulent/counterfeit electronic parts: avoidance, detection, mitigation & disposition – authorised/franchised distribution
- ▣ **AS6171** – Test methods standard: general requirements, suspect/counterfeit, electrical & electromechanical parts
- ▣ **AS6174** – Counterfeit material: Assuring acquisition of authentic & conforming material
- ▣ **AS5553** – **SAE AS5553** & **AS5553A** Aerospace standards electronic parts: avoidance, detection, mitigation & disposition
- ▣ **MIL-STD-750** – Approved standard used by all departments & agencies of the Department of Defence
- ▣ **MIL-STD-883** – Approved standard used by all departments & agencies of the Department of Defence
- ▣ **IDEA-STD-1010** – Acceptability of electronic components in the open market standard for visual inspection



Testing & Counterfeit Avoidance

- ☒ Tested product supplied with comprehensive reports
- ☒ Enhanced visual inspection
- ☒ X-Ray inspection
- ☒ XRF Analysis
- ☒ Scanning electron microscopy
- ☒ Resistance to solvents
- ☒ Solderability testing
- ☒ Decapsulation/Die verification
- ☒ Electrical/Curve tracing



Long Term Storage & Packaging

- Customer dedicated secure warehouse
- Unique packaging material with up to 15 years product protection against ageing
- Permanent electrostatic protection
- Water vapour barrier: moisture protection
- Protects ferrous & non ferrous materials, electronic components, optical components & plastic
- Corrosion & ageing prevention from -35°C to +80°C
- Approved to multiple standards:
 - DEF STAN 81-41, NASA SP-R-0022A, MIL 81705D
- Available in standard bag sizes & shrink wrap for larger items



Affiliations & Memberships



Industries

- ☐ Aerospace & Defence
- ☐ Automotive & EV
- ☐ Consumer
- ☐ Energy
- ☐ Industrial
- ☐ Instrumentation
- ☐ Medical
- ☐ Metering
- ☐ Oil & Gas
- ☐ Security
- ☐ Telecoms
- ☐ Transportation



solsta
THE VITAL COMPONENT

Linking up the electronics industry for over 50 years



TECHNOLOGIES

SUPPLIERS

PRODUCTS

OEMS

SERVICES

APPLICATIONS

SOLUTIONS

CHALLENGES

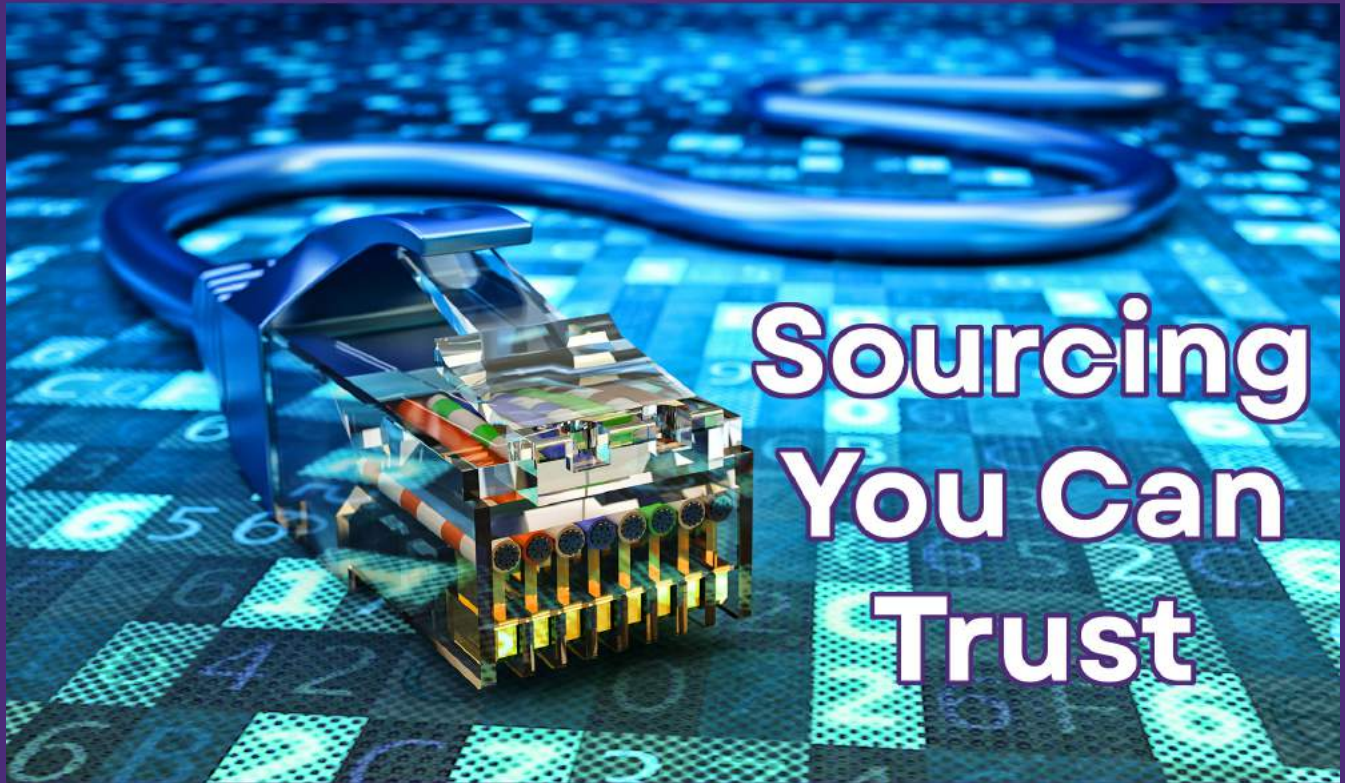
solsta.co.uk

Case Studies

Visit our website solsta.co.uk to read some of our case studies



- ▣ Rigorous Inspection & Test for Aerospace Applications
- ▣ Total Confidence in Assured Defence Component Supply
- ▣ Specialist Screening & Testing for the Global Oil & Gas Sector
- ▣ Specialist Long Term Outdoor Storage Solutions



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