Over 100 million components in stock enabling us to Reverse Repair Rebuild©

UKC GROUP

Reverse Repair Rebuild©

Extending the life of your legacy equipment

www.ukc.group

ABOUT US

UKC Group companies offer over a century of combined legacy electronic and precision machined engineering solutions, alongside logistics support and technical data.

We stock over 100 million components, solving the obsolescence requirements of OEM, CEM, MRO, defence organisations, government bodies, commercial engineering and manufacturing businesses.

Don't let obsolescence ground your equipment!

Supply Chain Management

Stockist and Storage Solutions

Excess Inventory Solutions

Test and Repair Services

Reverse Engineering

Precision Engineering

Electronics Engineering

BAE SYSTEMS

babcock
trusted to deliver™

ROLLS ROYCE

AD AEROSPACE

THALES

General Electric

Raytheon

GENERAL DYNAMICS

NORTHROP GRUMMAN

Ministry of Defence

NSPA

MARINE NATIONALE

MARINA MILITARE

NetworkRail

ALSTOM

Leeds Bradford Yorkshire's Airport

TURKISH AEROSPACE

CERN

EvoLito The Power of Electric Flight

McLaren

HONDA The Power of Dreams

TOYOTA MOTORSPORT

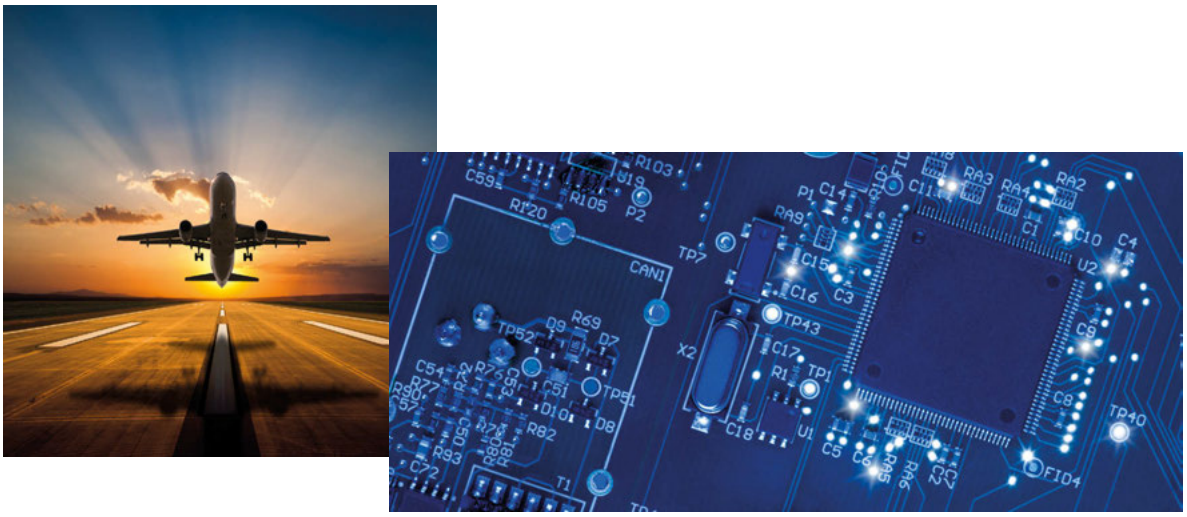
CARWOOD

COSWORTH

OBSOLESCENCE AND SUPPLY-CHAIN MANAGEMENT

UKC Group boasts over a century of combined experience in electronic, industrial, mechanical, military and naval components.

Our companies are renowned for their expertise in supplying parts across a wide range of sectors, excelling in addressing obsolescence requirements. With a skilled understanding of electronic, industrial, mechanical, military and naval components, the group's subsidiaries ensure that even the most hard-to-find and obsolete parts are sourced and delivered on time, every time.



A robust supply chain management capability enables a seamless and comprehensive service to businesses and governments organisations, globally.

Our expertise lies in accurately identifying and matching component parts, coupled with the ability to source stock efficiently.

- Kitting
- Kanban Support
- Accredited Dangerous Goods Handling
- BOM Management
- Bespoke Assembly
- Supply Chain Vendor Reduction

PRECISION ENGINEERING

Precision mechanical engineering with an outstanding range of in-house capabilities, we aim to provide a comprehensive range of services for your engineering needs.

With ISO 9001 and AS 9100 Rev D Aerospace approvals, our dedicated and highly skilled team includes project managers, machinists, sheet metal workers, welders and painters.

UKC Group subsidiary Electropak produces a range of Copper and Aluminium Busbars for the Rail, Aerospace and Automotive industries. We are the only Busbar manufacturer in the UK with AS9100 rev D approval. Decarbonizing aerospace is challenging, but is essential for achieving net zero. Lightweight Busbars are an integral part of any electric or hydrogen-electric aircraft engine

Busbars
As one of the largest UK producers of copper and aluminium busbars, Electropak offers unmatched dedication to the quality fabrication and to the exact specifications of OEMs.

Laser & Water Jet Cutting
Laser and water jet cutting is the quickest and most accurate way to cut sheet metal. See how our integrated CAD software can utilise your sheet material effectively.

Sheet Metal Fabrication
Our water jet cutting machine gives our sheet metal facility the advantage of accuracy and the absence of notch marks, particularly within the aerospace and defence industries.

Painting & Powder Coating
We can offer a range of finishes to our fabricated and machined parts with our paint and powder coating capabilities.

Machining
Our CNC machines receive files electronically allowing us to offer our customers an efficient service and lead time on all our machined components.

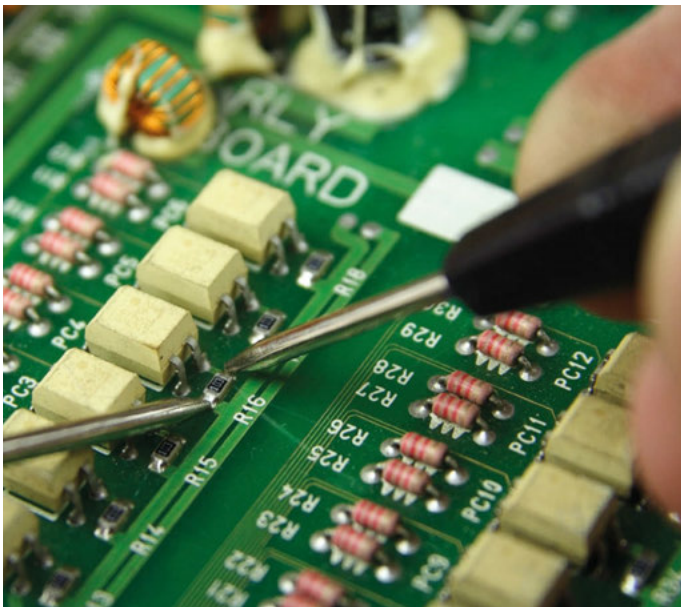
Aerospace & Aircraft Engraving
Our wide range of computerised engraving machines means that we can engrave on all materials including stainless steel for the aerospace industry.

We are committed to a culture of continuous improvement with quality and service being the foundation that our group is built upon.

REVERSE ENGINEERING

Our group is equipped to overhaul and retest any commercial, industrial or defence assembly. We offer full turn-key reverse engineering solutions, delivering drop-in equivalents, as well as providing a detailed technical documentation pack and any required certification.

Our team are Plessey, BAE, Marconi, or AMS trained engineers. Collectively, our engineers brings over 200 years of expertise in their respective fields, ensuring a high level of skill and knowledge.



Fed up with suppliers going out of business, changing ownership, or obsolescence challenges?
We offer the following processes directly or outsourced providing a one-stop solution to ISO 9001 and AS 9100 Rev D standards:

- Rebuilding spares from customer samples.
- Rebuilding multilayer PCB boards, when schematics are no longer available.
- Modernisation/re-design of PCBs allowing for the use of modern components where necessary, offering fully functional drop-in replacements.
- CNC Machining, Milling, Grinding and Engraving.
- Painting and Powder Coating.
- Laser and Water Jet Cutting.
- FARO Arm inspection CMM machines.

From a non-working sample, we can provide a technical data pack including:

- Full drawings.
- X-ray reports.
- Metallurgy lab report of metal used.
- Metallurgy lab report of sample.
- Hardening, if required. Report supplied.
- Stress testing, if required. Report supplied.
- Finished product metallurgy lab report.
- Certification.

This way, 'obsolescence is a thing of the past'. You no longer need to worry about manufacturers going out of business. You own the data pack, you choose where to have your products made; but always having the peace of mind that the data master will always stay with you.

STOCKIST AND STORAGE SOLUTIONS

Our facility houses over 100 million components in 250,000 cubic feet of storage space, ensuring we can meet a wide range of client needs, including same day delivery.

UKC Group's extensive stock and storage facilities are a testament to our commitment to readiness and reliability. This robust infrastructure underscores our capacity to support complex projects and maintain a steady supply chain, reinforcing our position as a leader in the industry.

100 Million+ Certified Genuine Components

In stock and ready for global shipment

OEM Supplier

Our stock has originated directly or indirectly from the following companies: BAE Systems / GEC Marconi / Thales France / Selex UK / UK MOD / OEMs / CEMs / DLA - Defence Logistics Agency of America.

MRO / Rapid AOG Part Supply

We supply a wide range of components to Aviation MRO, supporting LEAN engineering and maintenance processes, and resolution of AOG and other operational critical issues.

Partnership Plans

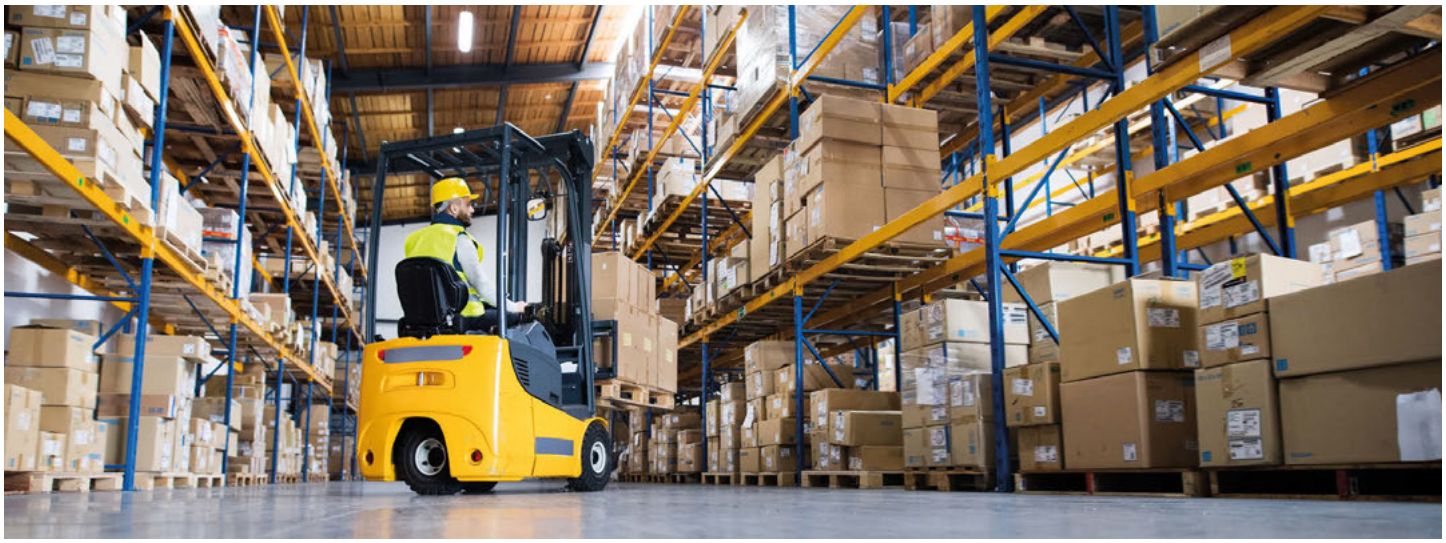
Tailored plans to align goals, drive collaboration and maximise value.

Lease/Lend Agreements

Bespoke solutions available to solve critical short term supply requirements

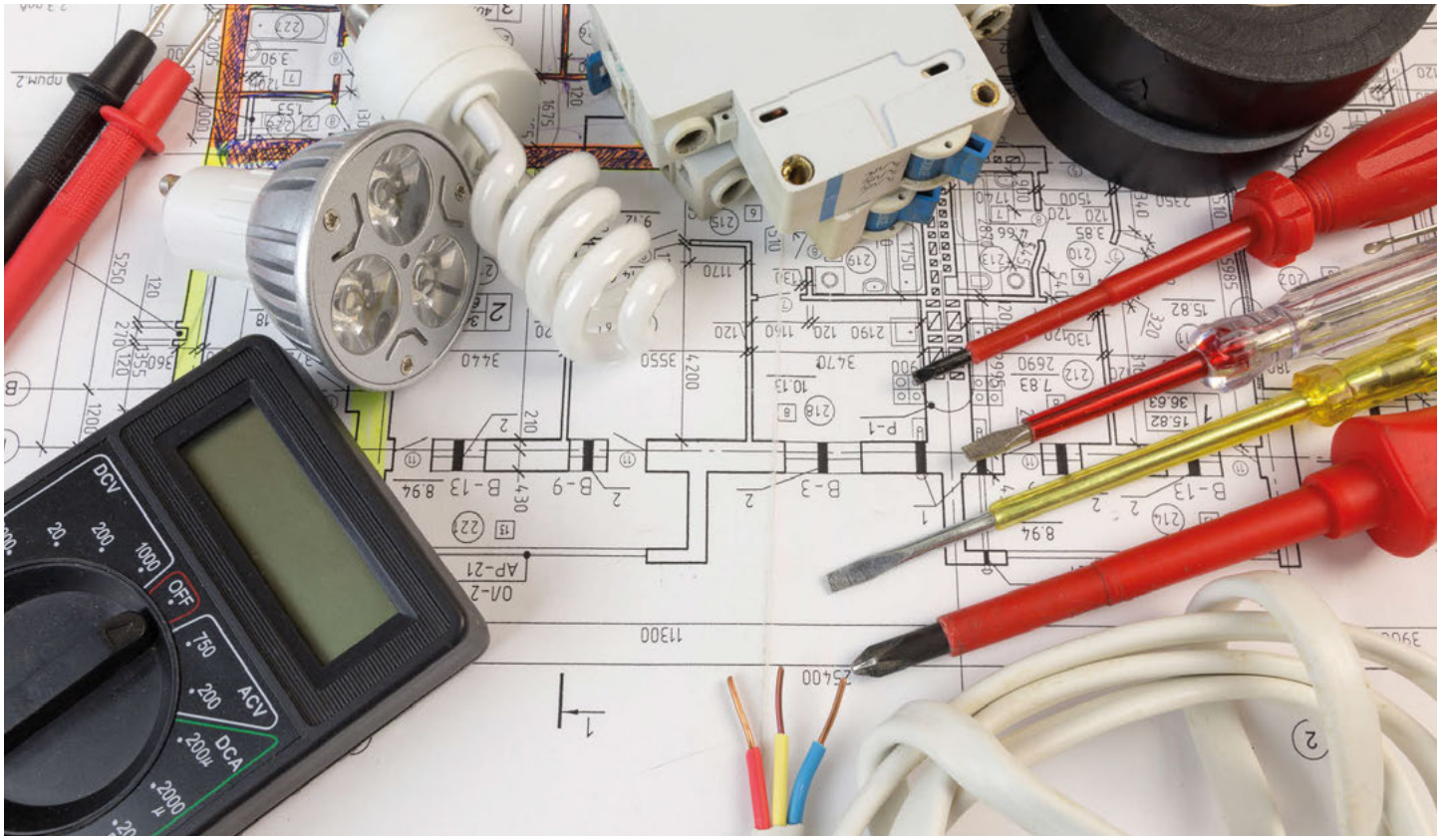
Storage Solutions

Components under short and long-term contracts.



TEST AND REPAIR SERVICES

We provide a comprehensive test and repair service including identification, performance analysis of electronic components, electron tubes, PCB and transformers, sourcing from stock and offering modern/ alternative equivalents.



If we are unable to repair or supply from stock, we can tap into a global network of ISO and AS approved suppliers, allowing us to locate and procure equivalent parts.

This comprehensive approach guarantees that we meet the highest standards of quality and reliability in every project.

Independent testing and verification, comprehensive in-house testing expertise and facilities.

- RF and microwave assemblies in the range (10kHz to 21GHz)
- Power supply and control equipment (LV, HV, and EHT)
- Analogue and digital PCBs
- Interconnection (back planes, cable looms, etc)
- Watchman sub-assemblies and Travelling Wave Tubes (TWT)
- Testing of semiconductors (matching, hFE testing), functional reports supplied with each batch.

UKC GROUP SUBSIDIARIES

BSL Express Spares Ltd

Registered as an approved supplier and manufacturer of
16,300 NATO/NSN Part Numbers to AS9100 Rev D Standards.

Cage Code U0F31 | JOSCAR | ISO 9001

https://bslexpress.com | sales@bslexpress.com | +44 (0) 1621 745452

CVC Components Ltd

Over 100 million components in stock with onsite engineers
enabling us to **Reverse Repair Rebuild©**

Cage Code U9372 | JOSCAR | ISO 9001

https://cvc-components.com | sales@cvc-components.com | +44 (0) 1621 745450

Defence Support International Ltd

Certified **NATO Parts Provider** to the Royal Navy since 1991.

Cage Code KA733 | JOSCAR | ISO 9001

https://defence-support.com | sales@defencesupport.com | +44 (0) 1621 745456

Electropak Precision Engineering Ltd

Engineering Solutions since 1986.

JOSCAR | ISO 9001 | AS 9100 Rev D

https://electropak.net | info@electropak.net | +44 (0) 1772 251444

FEL Avionics Ltd

The world's largest stockist of **Legacy Radar Spares,**
TWT testing facilities and in-house engineers.

Cage Code U9259 | JOSCAR | ISO 9001

https://fel-avionics.com | sales@fel-avionics.com | +44 (0) 1621 745454

UKC GROUP

ISO 9001 Certified - AS 9100 Rev D Aerospace Approval - JOSCAR Registered
NSPA Approved - ADS Member - Cyber Essentials

Supplying Government and Repair Companies Since 1946

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Essex CM3 6HB.
UK

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