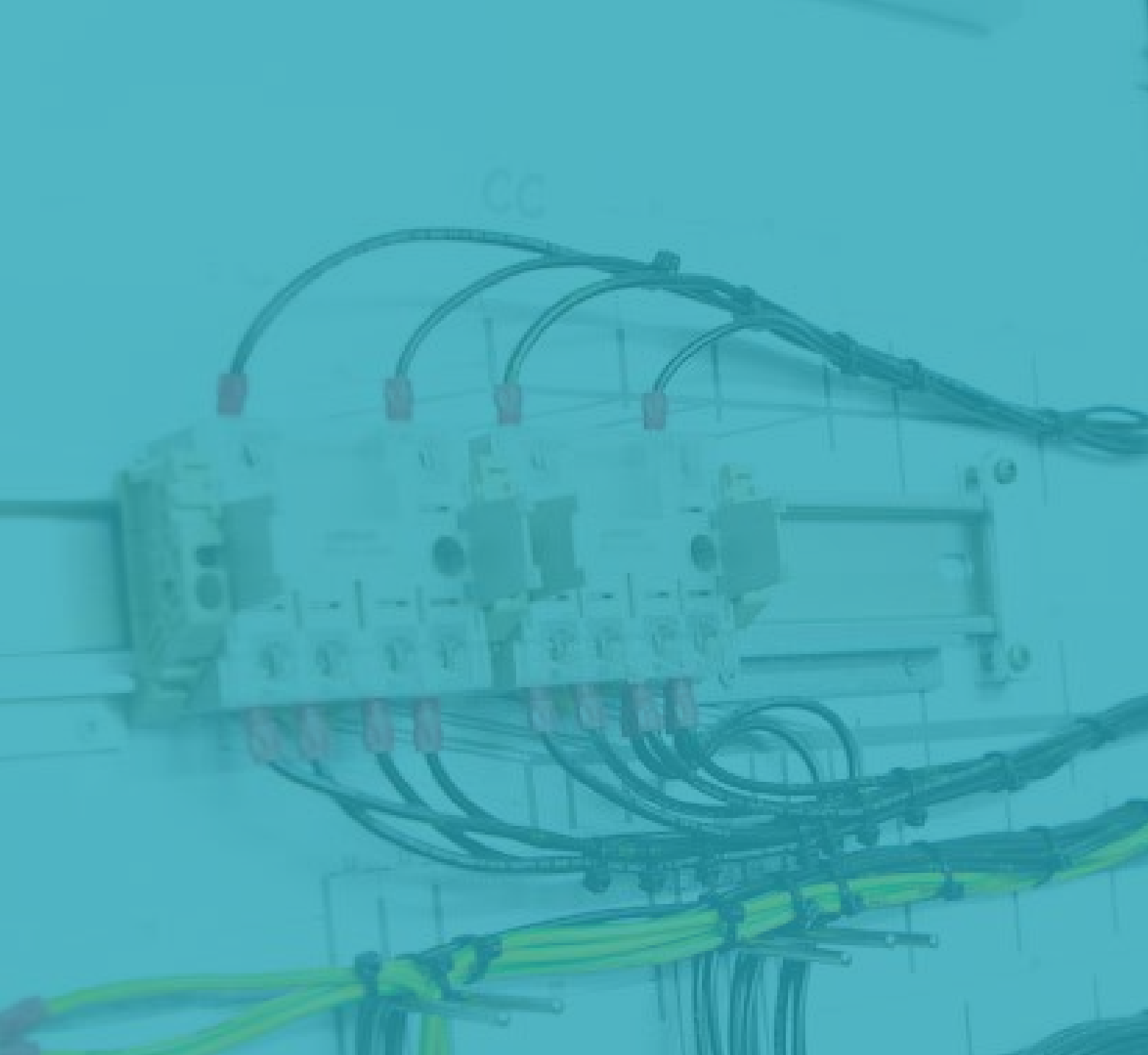




**MANUFACTURING  
EXCELLENCE**

**CABLE ASSEMBLIES | SUB-ASSEMBLIES | BOX BUILD  
PANEL WIRING | PROTOTYPING | TEST SOFTWARE | DIAGNOSTICS  
MATERIAL SUPPLY | MATERIAL MANAGEMENT | LOGISTICS**





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# WELCOME TO SIC LTD

**SIC has been at the forefront of the manufacture and supply of electrical assembly solutions for 50 years, since our inception in 1964 by the present owners.**

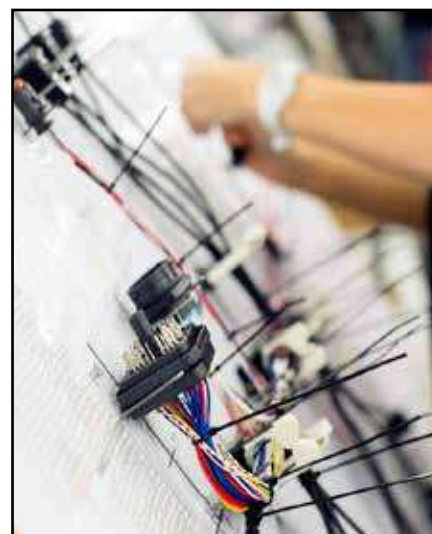
The company started life as a manufacturer of prepared cables, electrical and mechanical assemblies, wiring looms and mains leads. Originally servicing the white goods market but as the need for high quality electrical assemblies grew, so did the company and soon SIC began to branch out into new applications and sectors within the UK.



We continue to invest heavily in our manufacturing technology, testing and product development and as such we have the capability to consistently manufacture the highest quality products to exacting tolerances for the most demanding applications. It is this approach to manufacturing excellence that underpins everything we do and has allowed us to thrive over the last 50 years.

SIC today is a full service manufacturing partner to our growing customer base that relies on our knowledge and experience to deliver manufacturing solutions. We work alongside customers and our input can often help improve overall project efficiency against challenging timescales, by exploring alternative manufacturing processes and materials to decrease costs and apply a delivery program that best suits our customers' needs.

Although our company has changed over the last 50 years since its formation as Swansea Industrial Components, and the application of our products has become more varied, our commitment to manufacturing excellence remains constant.



# COMPANY PROFILE

**SIC has five specialist divisions - cable assembly, control box & panel wiring, design & prototyping, product testing and material supply & logistics - and we are uniquely placed to become the manufacturing partner of choice to our customers.**

Whatever the project, we assign each of our clients with their own project manager, who ensures that our commitment to delivering quality and service excellence is always met. It's excellence that our reputation is built on: that of our people, our products and also our clients. It's no coincidence then that our client acquisition and retention rate is among the best in the industry.

As a company we benefit from a 150 plus strong workforce and a 188,000 sq. ft. UK manufacturing facility. We continually invest in new technology, machines and training for our production team, meaning we're able to offer our clients a tailored manufacturing service that's as flexible as it is cost effective.

Our manufacturing facility is ISO9001 & ISO14001 certified, UL, NICEIC & IPC accredited and we are able to manufacture to a range of specific industry standards such as TS16949 & AS9100.

***“SIC Ltd have been supplying electronic assembly solutions for 50 years, and have a proud reputation of quality, reliability, and manufacturing excellence”***

**Cable Assemblies**

**Material Procurement**

**Control Boxes**

**Panel Wiring**

**Distribution**

**Product Packaging**

**Sub-Assemblies**

**Product Rework**

**Electrical Tests**

**Project Management**

**Wiring Looms**

**Control Panels**

**Material Management**

**Wiring Harnesses**





## APPLICATIONS

**We have built our business on providing strategic manufacturing services to a wide variety of industries, and while our origins lie in cable assembly and manufacture, our business, along with our customer base, has evolved over the last 50 years.**

Today we serve over 450 customers in 24 different markets with a wide variety of applications from Automotive, Aerospace and Medical, to Switchgear, Vending, Gaming and HVAC to name but a few.

We have developed over 14,000 product lines which are utilised in anything from ambulances, medical probes, vending machines, boilers, controls, refrigeration, switchgear and vacuum pumps.





SIC manufacture products for a range of markets including:

- Aerospace
- Automotive
- Amusement / Gaming
- Audio Visual
- Boilers / Fires
- Catering
- Consumer Electronics
- Defence
- Environmental
- Ground Support
- HVAC
- Leisure
- Lifts
- Lighting / LED
- Marine
- Medical
- Mobility
- Railway
- Refrigeration
- Security
- Switchgear
- Telecommunications
- Vending
- White Goods



## CABLE & SUB-ASSEMBLY

**Whilst our origins are in electrical assembly and wiring, our knowledge and experience of a wide range of manufacturing processes make us the definitive choice for wiring harnesses.**

The range of cables we produce varies from miniature 25mm interface connections to large-scale 25m trailer wiring looms and we're able to construct bespoke manufacturing cells for clients when needed.

So whether it's a specialist clean area facility for the medical profession or a dedicated factory unit for complete machine builds we have the infrastructure in place to allow us to provide our clients best-fit manufacturing solutions.

**Cable Marking:**

Cable marking and coding to customer specification using inkjet cable printing, hot foil stamping, dyeing and striping

**Termination:**

A range of solder and crimp termination options tailored to the types of cable and their desired application

**Wire Preparation:**

Semi and fully automated cable preparation for all applications from fine electronic to heavy industrial

**Moulding:**

Bespoke injection moulding, low temperature overmoulding and design

**Cable Assembly:**

An extensive range of prepared cables, cable assemblies and wiring harnesses manufactured to customer specifications and industry type. From straightforward wiring to multi-component assemblies, we can process cable from 36AWG to 2AWG for use in industries as demanding as the medical, surgical or high end audio markets

**Sub-Assembly:**

Incorporating electronic, mechanical, pneumatic or optical items from customer supplied parts or SIC supplied components

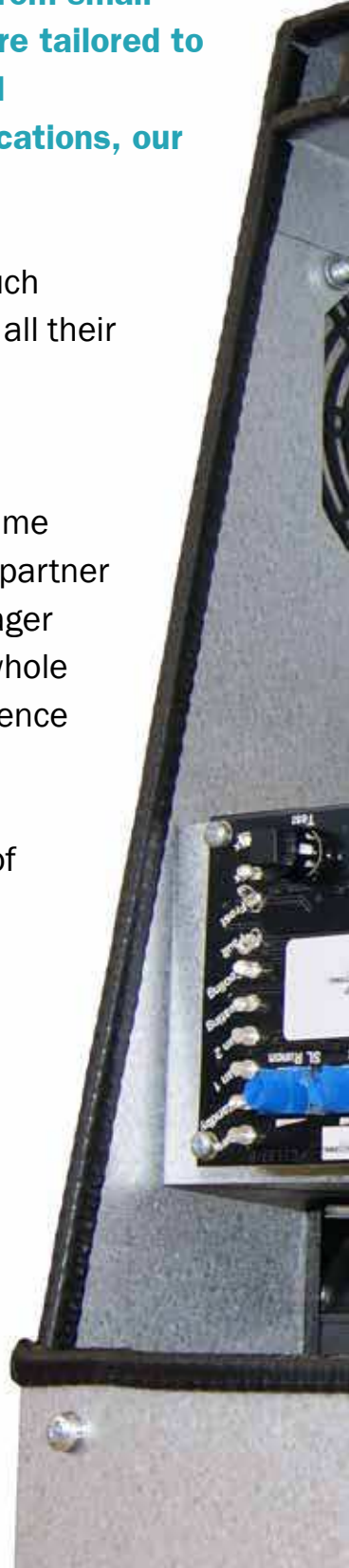
# CONTROL BOX & PANEL WIRING

**SIC's box build, panel wiring and control box credentials range from small electrical assemblies to highly complex systems. Our services are tailored to our clients' needs, whether it's cabinet, rack or backplane wired assemblies, control panels or bespoke units to customer specifications, our aim is to consistently save our clients time and money.**

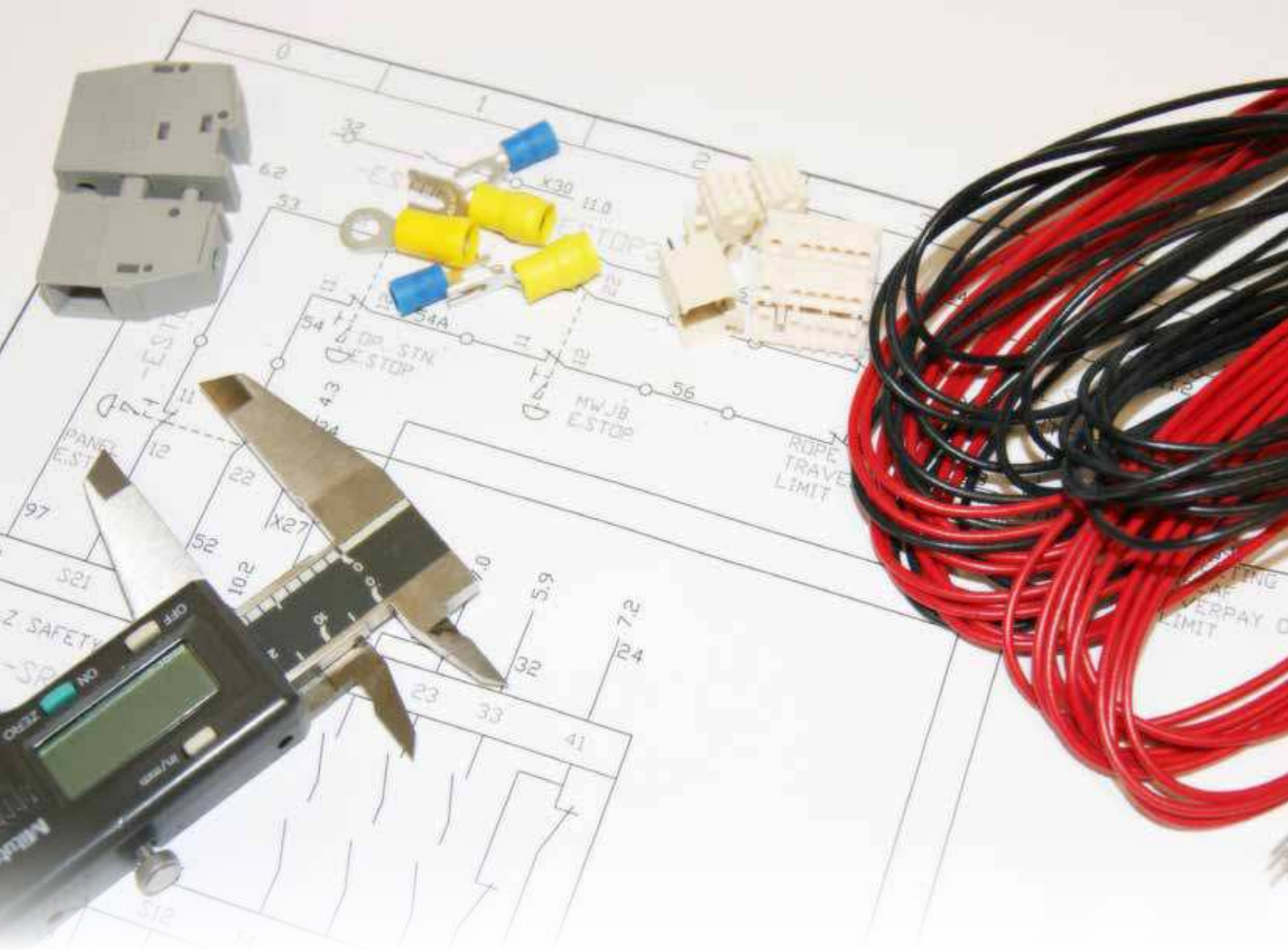
It's precisely because a manufacturing partnership with SIC offers such commercial benefits that so many of our clients are now outsourcing all their manufacturing activities to us.

We can assemble, test and package goods to customer point of sale specification and in doing so secure our clients significant cost and time savings. While we source printed circuit boards and enclosures from partner manufacturers, each customer is allocated a dedicated project manager meaning they benefit from a single supplier contact throughout the whole project life cycle. This way we can guarantee quality, value and excellence right the way through the manufacturing process.

We have extensive experience and knowledge in the manufacturing of control boxes ensuring we retain the highest standards when we assemble, test and package goods to customer specifications.







***“An assembly being built for the first time is rigorously checked and evaluated for the application feasibility in which it will be used and often our team will find time, cost or quality enhancing alternatives during this process”***



# DESIGN & PROTOTYPING

**SIC assigns a project manager to all accounts which means that our clients have a single dedicated point of contact working with them throughout the manufacturing life cycle.**

In partnership with our clients and procurement group, SIC project managers can turn design drawings or samples, into manufacturable products. Data can be received electronically or more traditionally, through hard copy. Prototypes can then be produced with the minimum of delay and with a guarantee of manufacturability.

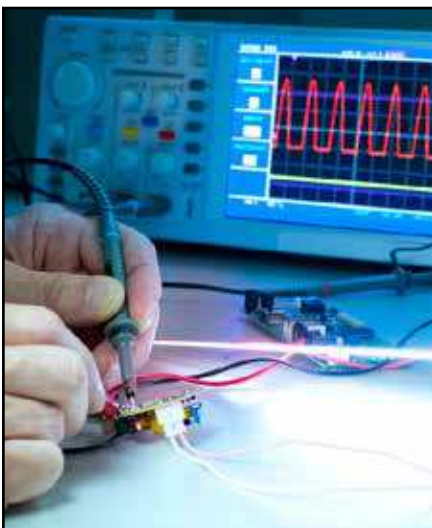
At SIC this is a consultative process and an assembly being built for the first time is rigorously checked and evaluated for the application feasibility in which it will be used and often our team will find time, cost or quality enhancing alternatives during this process. We'll pass such insights onto our customers, who can then make an informed choice about their products manufacture.

All prototypes are despatched with initial sample certification, (using ISIR or PSW documentation) so that we complete the customer feedback loop prior to sign-off for manufacturing. This requirement, commensurate with our ISO accreditation, is observed whether we are dealing with a simple cable assembly, wiring harness or a complete electrical/electronic system build.

# TEST SOFTWARE & DIAGNOSTICS

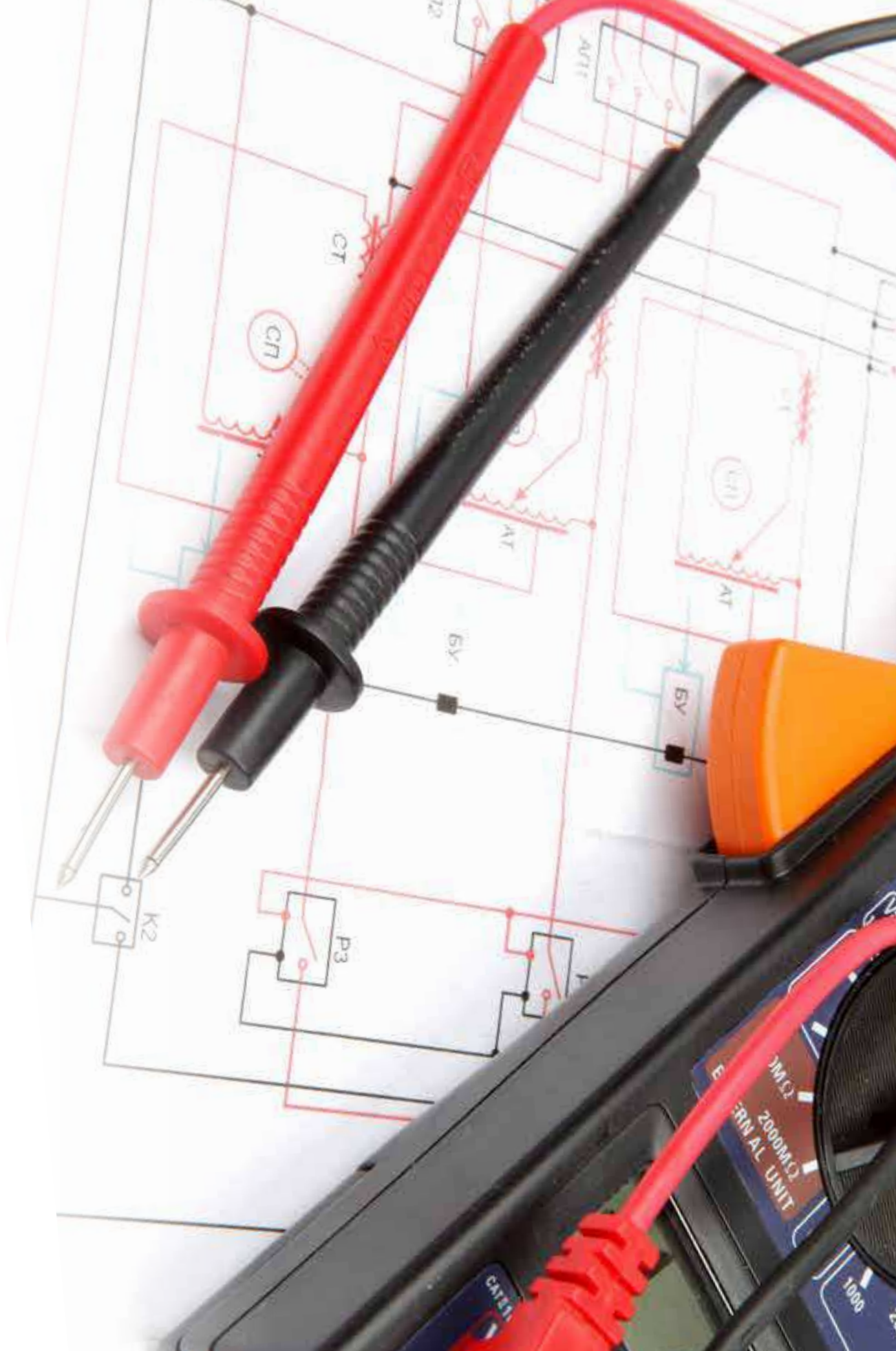
**At SIC we design and produce our own test equipment for all of the products that we manufacture. Such is our expertise in this area we can also manufacture bespoke test equipment to order for customers or other subcontractors.**

Our in-house testing department works closely with our tooling and technical departments to provide a 100% testing capability. All electrical assemblies and enclosures are fully tested in-house, regardless of complexity, with bespoke testing systems designed and manufactured by SIC.



***“SIC Ltd 100% test every product line prior to shipping, this ensures that every product manufactured is of the highest quality and fit for purpose when the customer receives it”***





# MATERIALS, SUPPLY, MANAGEMENT & LOGISTICS

**SIC is an industry leader in the supply and management of electronic components and assemblies. With 50 years procurement and logistics experience, and the benefit of long term relationships with a portfolio of world class supply partners, we are able to offer customers a diverse and cost-effective sourcing network.**

Our strength lies in this diversity – whether it's manufacturing or sourcing materials and components, bought in items or finished assemblies - we can respond to our clients' business requirements at the right price and with minimum distribution. Plus our established infrastructure also offers substantial commercial benefits.

We carry an extensive inventory range in our own warehouse facility, allowing us to offer extremely accommodating Minimum Order Quantities and delivery deadlines.



We are committed to constantly growing this portfolio of suppliers and as our customer base expands and diversifies, so does our procurement network and supply selection.

Our transport fleet caters for the majority of UK logistic movements and we employ a specialist courier network to quickly and reliably respond to all our worldwide transportation requirements.

We understand that sound logistical control is what guarantees that we always deliver on our promises. Getting it right means we can achieve best fit supply solutions for all of our customers all of the time.





**MANUFACTURING  
EXCELLENCE**

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