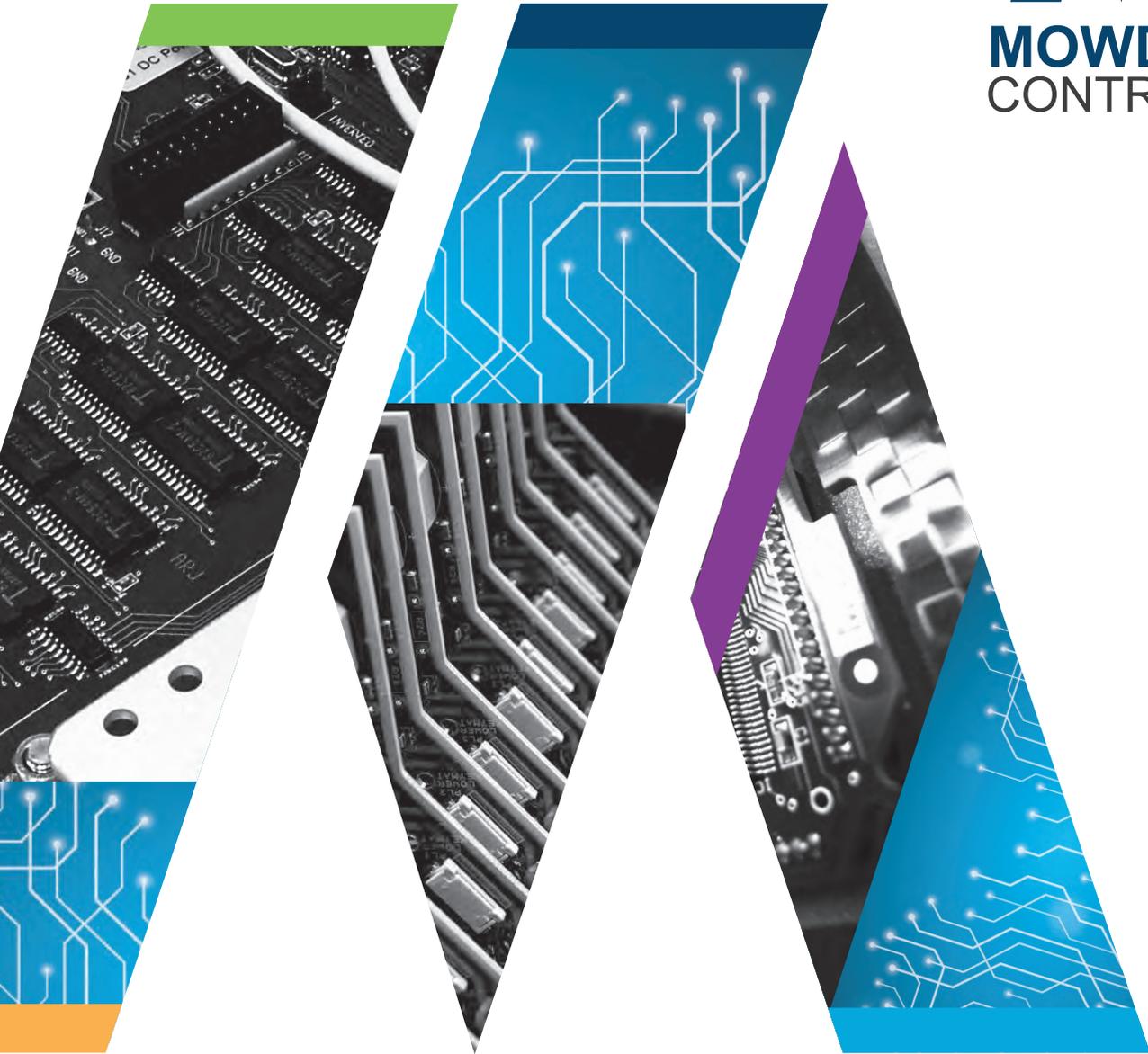




**MOWDEN  
CONTROLS**



# The complete electronics solution...

Design • PCB Population • Box Build • ATEX



## Who are Mowden Controls?

Mowden is a well-established electronic manufacturer and service provider, founded in 1965 by a team of electronics engineers, who wanted to provide ground breaking electronic solutions to businesses in the UK. Today Mowden is continually developing and investing in new technology, people and an expansion programme to accommodate the growing business. One thing that remains constant at Mowden and will remain at the heart of the business is the customer focused ethos - we know your success is our success.

### Over 50 Years Experience

We are proud to be a UK manufacturing specialist in electronic assemblies and solutions for over 50 years.

### Partnership

At Mowden we work closely with you, creating a tailored service bespoke to your requirements. By thoroughly understanding your project we can offer technical advice and the most effective solutions.

### The Complete Electronic Solution...

A combination of an experienced team and cutting edge technology allows us to provide you with the complete solution to your electronics project. Our services range from product design and development, population, build and testing, working with a diverse range of applications.

**Email your requirements to our sales team who would be happy to provide you with a quotation and lead time - [enquiries@mowden.co.uk](mailto:enquiries@mowden.co.uk)**



## Global Reach

**We manufacture sub-assemblies and finished products for the global market, meeting the exacting international standards required. We provide you with peace of mind when it comes to your operations in the UK and Worldwide.**

**Working in collaboration with our customers, we have helped their products achieve Queens Awards for innovation & export and are trusted in territories across the globe.**



## Our Services

### Product Design & Development

Our engineering team has vast experience in working with product development in a diverse array of areas. From initial concept through to manufacture we will work with you to develop your product, ensuring we provide the right solution for you.

By monitoring the latest trends and developments, we are able to customise the latest software, firmware and wireless communication methods to fully support your needs for fast and accurate data collection.

### PCB Population

We specialise in low to medium volumes of high quality boards. Reliability is key to our reputation as our boards can go into very testing environments where failure is not an option.

Our team of experienced assembly staff work to IPC standards and are adept at both conventional and Surface Mount Technologies. We work with both RoHS and Non RoHS products and complex builds involving components such as QFNs, BGAs and PCBs such as flexi boards. We offer additional processes including encapsulation of assemblies.

Our aim is to supply cost effective, high quality, reliable PCBs to all our clients.

### ATEX

We have been manufacturing intrinsically safe products for many years for some of the UK's leading companies. We are competent at reaching the exceptionally high standards required, as well as fully conversant with all aspects of ATEX build compliance.

## Market Sectors:

We have experience in many market sectors including:

- Instrumentation
- Oil, gas and chemical
- Aerospace
- Measurement and control
- Power management
- Medical and laboratory
- Cryogenics
- Intrinsically Safe

## Our Services

### Box Build Projects / Precision Machine Shop

Mowden offers a complete build service with a precision Machine Shop including CNC lathe and milling capability on-site in our UK factory.

We can design and populate your boards and fit them into your complete product, complementing PCB manufacture and making the process of full unit build easy to manage, cost effective and reliable, reducing your supply chain.

Our on-site Precision Machine Shop has many years experience in producing prototypes and low volume, high precision manufacturing of housing for electronic components, in a range of metals and plastics.

All finished assemblies are given rigorous checks throughout the build to make sure the completed product is 100% reliable.

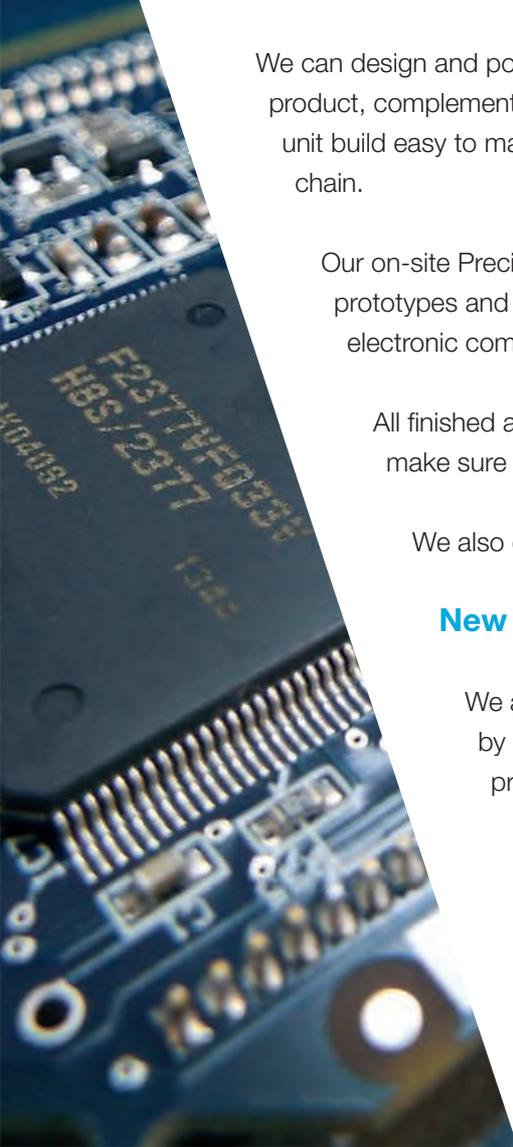
We also offer cable wiring, and looming services on-site.

### New Product Introduction

We are able to progress from your initial design through to volume production by identifying risks, creating a prototype if required, value engineering and productionisation.

### Supply Chain Management

Why not benefit from Mowden's purchasing power and let us order all your components for your product from our global supply chain? The Mowden technical team will happily look through your product spec and help you to create the more cost effective solution often suggesting alternatives and thus avoiding the obsolete parts scenario.



## Working with Mowden Controls

**However you choose to work with us we are confident that Mowden can provide the service and support you require. Not only can we provide some of the best design and manufacturing services available, you also get access to a huge amount of knowledge and experience which will ensure your project is right first time, every time.**

**We would love to meet with you and show you round our production facilities and talk about how we can help you with your project.**



## Quality Checked

At Mowden we do not believe there is such a thing as an acceptable failure rate! All our products are designed and manufactured in our UK purpose built factory. This allows us to ensure that every single item is thoroughly checked at various stages throughout the build process so we can confidently despatch your order, knowing every item is correct. Our rigorous testing procedures range from baseline testing to full function test to your specification.

### **Mowden Controls has the following certifications:**

ISO9001 certified

IECEX Quality Assurance Report - audited quality system by SGS Baseefa which conforms to BS EN ISO/IEC 80079-34:2011

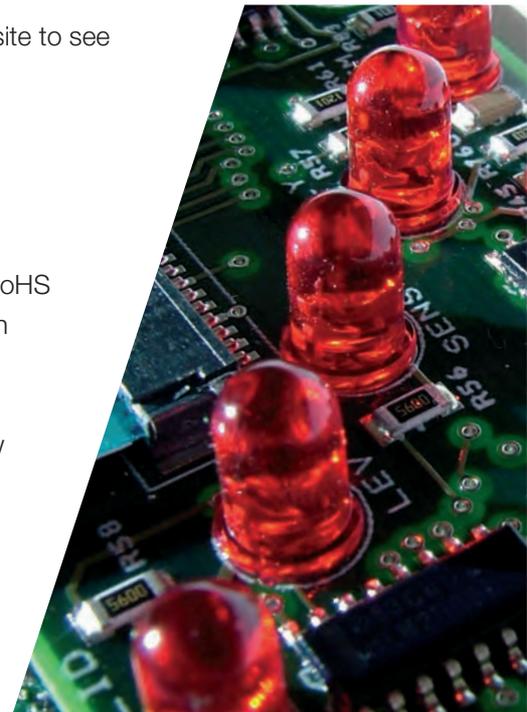
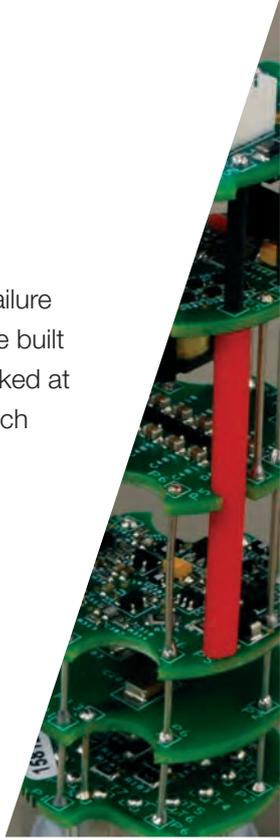
## Technology

We are constantly upgrading our equipment, please visit our website to see our latest plant list at [www.mowden.co.uk](http://www.mowden.co.uk)

## Delivering More...

Mowden's team are trained to a high level in a variety of additional skills beyond board population. Routinely working with both RoHS and non-RoHS compliant products they are adept at conformal coating and encapsulation and working with metal and flexi boards.

If your product needs a specialised process please contact us to discuss how we can deliver a complete electronics solution to you.



## Email your specification

Please email in your design specifications to our sales team who would be happy to provide you with a quotation and lead-time.

**E: [enquiries@mowden.co.uk](mailto:enquiries@mowden.co.uk)**



# The complete electronics solution



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