



DAVIS DERBY

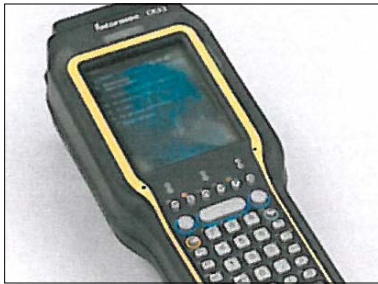
## Bespoke Manufacturing and Design



With a long history of developing unrivalled safety, communication and monitoring products for hazardous, explosive and arduous environments, Davis Derby is uniquely positioned to offer a bespoke design and manufacturing service for industrial applications. Our engineers are also specialists in adapting existing technology to be suitable for operation in hazardous gas and dusty atmospheres and obtaining the appropriate certification to ATEX, IECEx, UL and CSA standards.

This is possible because we invest in technology, manufacturing techniques and, most importantly, people. As well as managing our business to ISO 9001:2008 standards, we are an Investor in People and provide extensive training to all our staff.

So, as your partner in design and manufacturing, we'll be striving for ongoing improvement in all aspects of every project, whether large or small.



## Design

Davis Derby's designers are highly skilled in electronic and software design disciplines and excel in the specialised area of explosion-protected equipment for use in hazardous areas such as coal mines.

Certified to meet the exacting standards required by ISO 9001:2008, we can design new - or adapt your existing technology - for the demands of heavy industry and environments where safety in hazardous atmospheres is essential. As well as creating prototypes, we can also use our buying power and partnering approach to secure favourable costs for components and additional services

## Manufacture and test

Up-to-the-minute manufacturing equipment and a flexible approach to your manufacturing needs. That's what you can expect from Davis Derby as your bespoke manufacturing partner.

We realise that minimising time-to-market without compromising on quality is a key consideration. That's why we employ highly skilled and experienced people in our 41,000 square foot factory which is equipped with cutting edge manufacturing and testing facilities such as:

- surface mount equipment
- automatic test equipment
- in-circuit test equipment
- CAD systems

## Our work

At Davis Derby, our bespoke design and manufacturing division creates solutions to a wide range of safety, communication and personnel tracking requirements in heavy industry and in hazardous environments. Davis Derby has long held an ATEX Quality Assurance Notification and an IECEx Quality Assessment Report issued by Baseefa which allows us to manufacture certified hazardous area equipment of our own, or in some cases customers' designs. Here, we have selected a few examples of our work to illustrate our range of capabilities.

**Joy Mining**, a long-time client, relies on Davis Derby for the manufacture of products including intrinsically safe digital opto-barriers, intrinsically safe PLCs and earth leakage units.

**Intermec Technologies Corporation** asked us to modify the design of their hand held scanner units to comply with European and US intrinsically safe certification requirements. We then designed a flameproof access point to communicate via radio with the hand held scanner. Davis Derby also manufactures both of these products for Intermec.

Recently we assisted Intermec in the design of a brand new hand held terminal to comply with the latest European, US and Chinese certification standards. This device is also manufactured by Davis Derby for Intermec who advertise it as 'The world's safest handheld computer'.