

Hazardous Area Specialists



Visualisation ◆ Personnel Location ◆ Purge and Explosion Proof Engineering
Wireless Networks ◆ Product Certification and Development ◆ Specialist Products



Extronics is a leading UK company specialising in the manufacture and supply of a diverse range of intrinsically safe and explosion protected electrical and electronic equipment. Extronics sources equipment from all over the world, so whatever your need, from standard products to specialised packages, engineered solutions, training or certification, let Extronics be your partner.



- Visualisation
- Personnel Location
- Purge and Explosion Proof Engineering
- Wireless Networks
- Product Certification and Development
- Specialist Products



Specialist Products

Extronics is continually enhancing its product range for use in potentially explosive atmospheres in order to provide one of the most comprehensive portfolios of product for the UK and International market.

The product range embraces technology to meet with the requirements for applications within Process Automation, Monitoring and Control, Electrical Installation, Test, Calibration as well as the emerging and dynamic Communications arena providing the infrastructure for WLAN (Wireless Local Area Networks).

Extronics hosts two comprehensive websites where information on the product range is available as well as incorporating useful sections on Ex standards and related material.

Engineered Solutions, Bespoke Certification and Development

The ATEX Directive has increased the demand for bespoke solutions in many areas of industry including the Chemical, Pharmaceutical, Oil and Gas industries which have applications where standard products on the market are not always suitable in their own right for the user's requirements.

Extronics multidiscipline capability matched with a high level of expertise and ingenuity provides the diversity necessary to engineer solutions based upon the various concepts of protection for applications in the hazardous environment.

Whether the requirement is a simple Explosion proof enclosure or a complex package of equipment every application is augmented with a comprehensive documentation portfolio including all the appropriate certification.

Extronics has many years of experience of developing products for hazardous areas and offers a re-engineering service to OEM's to provide them with a fully certified version of their standard safe area product, which can include its contract manufacture if required.

Training & Certification Services

The ATEX directive introduced new legislation that is now embedded within the legal system which includes the need for the end user to have an Explosion Protection Document (EPD) for their hazardous areas or the training of personnel that work in these areas.

Extronics offers a range of services that can be tailored to meet specific requirements from complete EPDs, embracing risk assessment and area classification, to onsite courses covering the ATEX Use Directive and the Installation and Maintenance of Hazardous Area Equipment.

Engineers who have extensive experience of operating in hazardous areas, as well as having been employed in the capacity of certifying officers in some of the leading Control Notified bodies provide these services.

Wireless Networks for Extreme Environments

Extronics offers a complete range of wireless network products for hazardous areas which were developed based on class leading wireless networking hardware.

The wireless network for extreme environments product range gives customers the most advanced, feature rich, intrinsically safe and explosion proof networks available, based on the worldwide 802.11 standard.

Included in the range is Extronics Automatic Mustering and Personnel Location products designed for companies that need to mobilise and track their workforce or assets within hazardous facilities.

Extronics offers part or complete solutions to OEM's, System Integrators and End Users depending on the scope of the project. Whether it is hardware supply, network design, site surveying or commissioning Extronics has the solution for your hazardous area and extreme environment networking applications.





Log on now to www.extronics.com

- Alarm Annunciators, Sounders and Beacons
- Communication Equipment
- Controllers, Batch Controllers and Recorders
- Explosion Proof Boxes and Pressurisation Equipment
- Galvanic Isolators, Barriers and Converters
- Gas Detection
- Indicators, Rate Meters, Counters and Clocks
- Junction Boxes and Installation Equipment
- Luminaires, Heaters, Plugs, Sockets and Other Electrical Equipment
- PCs, HMIs, PDTs, Barcode Scanners and Peripherals
- Portable Tools
- Sensors and Measurement
- Static Prevention and Earth Bonding
- Test, Calibration and Inspection
- Wireless Networks



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