



# YOUR **ONE-STOP** SHOP

- Instrumentation/electrical & communications equipment
- Hazardous-classified locations
- Custom-engineered solutions & integration



**Exloc Instruments, Inc.**, was born from a desire to provide one convenient source for instruments, electronic devices and other products specifically designed and approved for use in hazardous-classified locations involving flammable gas and dust atmospheres. We specialize in products which are outside the scope of the mainstream process control vendors. Third-party approvals for the domestic market include Factory Mutual, Underwriters' Laboratories and the Canadian Standards Association with many products also certified to the latest ATEX and IECEx global standards.

**Launched and managed** by individuals with a long history of experience and innovation in this unique field of engineering, Exloc has grown to be a widely recognized and respected vendor. Initially serving industrial clients in North America, Exloc is rapidly acquiring customers throughout the world. In 2012 a sister company was launched in the United Kingdom.

**Corporate head office is based in Montgomery, Texas**, ideal for providing direct support to clients in the U.S. Gulf Coast Region, including the many global entities with engineering and procurement offices located in this strategic oil and gas industry center. The facility includes conference and product demonstration rooms and our main warehouse. With satellite sales offices located in Virginia and Georgia, we are strategically setup to provide local support in the Mid-Atlantic, South-East and Mid-West regions.

**Exloc has partnered with experienced and respected manufacturers in Europe and North America.** The result is a constantly growing selection of products which complement each other with minimal overlap. Our products and solutions fall into 6 different product lines:

**Indication & Visualization; Process Instrumentation; Engineered Solutions & Enclosures; Plant Maintenance & Tracking Solutions; Industrial Communications; Notification.**

## Our Partners



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### CONTACT US

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# INDICATION & VISUALIZATION

## Indicators and Displays

- » 4/20mA loop-powered indicators
- » Rate totalizers
- » Serial text and Fieldbus displays
- » Batch controllers
- » Manual setpoint stations



### Common specifications

- Intrinsically safe, ExnA and explosion proof
- North American FM approvals, ATEX and IECEx certification
- Wide range of operating temperatures
- Field and panel mounting models
- Optional backlighting and alarm outputs
- Bar graph versions
- Rugged stainless steel case option
- Serial, Modbus, Profibus and Foundation Fieldbus protocols



## HMIs

### » Intrinsically Safe HMIs

- Certified for Zone 1 use
- Remote terminal and PC options
- Many different mounting arrangements
- Touchscreen and keyboard options
- GMP stainless steel housings
- Various screen sizes available
- High definition screens



### » Rugged Zone 2 / Division 2 HMIs

- Fully sealed for standalone mounting
- Panel mount kits available
- Designed for harsh rig floor applications
- Increased operating temperatures
- IP66, Nema 4x rating
- 15" | 19" | 24" screens available
- Powerful processors



### » Standard and custom HMI enclosures

- Articulating arms
- C1D1 purged options available



## Rugged Tablets

- » Android and Windows OS versions
- » C1D1, C1D2 and Zone 1/2 options
- » Extremely durable
- » Excellent cameras

## Hazardous Area Cameras

» Extronics Handheld Digital Cameras and IVC CCTV cameras

- Portable intrinsically safe digital cameras
- ATEX, IECEx and C1D1 certified
- C1D1 and Zone 1 IP cameras
- Fixed and PTZ variants
- Software available for recording and monitoring



## PROCESS INSTRUMENTATION



### Galvanic Isolators, Zener Barriers, Safety Relays and Power Supplies

- » High packing density
- » SIL certified
- » Broad range of applications covered
- » No need for intrinsically safe earth connection (Galvanic Isolators)
- » Power bus option
- » Global certifications

## Anti-Static Grounding Systems

- » ATEX/IECEx Zone 1 and C1D1 certification
- » FIBC bag systems
- » Drum grounding
- » Road tanker loading



## Pneumatrol Solenoid Valves for Pneumatic Controls

- » Intrinsically safe, non-incendive, flameproof, and general purpose versions
- » 3/2, 5/2, and 5/3 functionality
- » Single and dual solenoid actuators
- » Low power consumption
- » NAMUR, CNOMO, manifold, body ported and remote mounting options





## ENGINEERED SOLUTIONS & ENCLOSURES

### Explosion Proof Enclosures

- » Empty or assembled, wired and certified ATEX/IECEX Zone 1/2
- » Explosion proof motor starters, control systems, power distribution, etc.



### Extronics iUPS Zone 1 and 2 UPS Systems

- » AC and DC isolation options
- » Custom frame solutions
- » Zone 1 battery enclosures
- » ATEX and IECEx certification



## COOLING AND PRESSURIZATION SYSTEM

### Hazardgard Air Conditioners

- » ATEX and IECEx Zone 2 certified room air conditioners
- » Coated coils for corrosion resistance
- » Hermetically sealed refrigeration system
- » Rated up to 24,000 Btu



### Purge and Pressurization Controls

- » X, Y and Z
- » Pressure relief vents and MIU

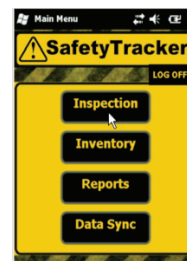




## PLANT MAINTENANCE & TRACKING SOLUTIONS

### Exloc Safety Tracker RFID Automated Inspection System

- » Replace clipboards with certified handheld RFID readers
- » Pre-determined inspection templates
- » Integrated software platform



### Exloc Tagminder RFID Asset/Personnel Tracking and Mustering System

- » ATEX, IECEx and C1D1 certification
- » Certified passive RFID tags
- » Fixed RFID readers
- » Customizable software platforms

### Handheld Bar Code Scanners and RFID Reader

- » Bluetooth® connectivity
- » Lightweight and very rugged
- » Intrinsically Safe





# INDUSTRIAL COMMUNICATIONS

## iWAP Wireless Access Point Enclosures

- » ATEX/IECEX Zone 1, 2 and C1D1, C1D2 certifications
- » Use general purpose industry leading APs
- » Compatible with many major radio manufacturers
  - Cisco, Aruba, Meru, Firetide, Motorola, etc.
- » High gain dual band intrinsically safe antenna outputs
- » Integrated bulkhead mounted RF connectors
- » -40°C to +60°C temperature range
- » Copper, fiber optic and PoE options
- » Integrated surge protection option



## Extronics Antennas and iISOLATE501 Intrinsically Safe Isolator

- » Intrinsically safe isolator for RF outputs
- » Wide-band isolator
- » Large range of compatible simple apparatus antennas
- » Omni directional, directional, high gain

## IS Smartphones and Cell Phones

- » Class I Division 1, ATEX, IECEX Zone 1 Certified
- » Android OS
- » High quality cameras
- » PTT
- » Lone worker protection app



## Intrinsically Safe Headsets

- » Noise reducing and bluetooth
- » Helmet mount option
- » Zone 1 and C1D1

## HMT-1Z1 Head Mounted Tablet

- » Android operating system
- » Complete hands-free operation
- » Exceptional voice recognition
- » Class I Division 1, ATEX, IECEX Zone 1 Certified
- » Appears as 7" tablet
- » Full-shift internal battery 8-10 hours





## Lelas Fixed Telecoms

- » ATEX/IECEX Zone 1 certification
- » IP and analogue options
- » Telephones and master/slave intercoms



## OP IS Fiber Optic Transceivers

- » Converts fiber optic signals into OP IS compliant signals
- » OP IS protection limits optical energy for hazardous areas
- » SC, LC and ST connection
- » Optic transceiver up to 1000 Mbit/s
- » Slim DIN rail mounting housing
- » Operating temperatures of -40°C to +80°C

## Ethernet Switches and Media Converters

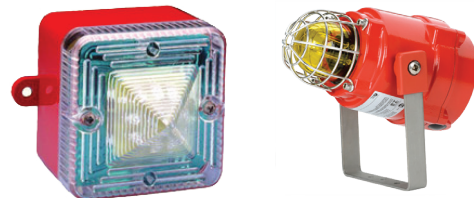
- » Aluminum houses for zone 1, zone 21
- » Stainless steel housing for mining area M2
- » Operating temperatures of -40°C to +80°C
- » No additional housing or power supply required



# NOTIFICATION

## Flashing Beacons

- » Non-incendive, intrinsically safe and explosion proof



## LED Clusters

- » Intrinsically safe
- » ATEX/IECEX Zone 0 and C1D1 certification

## Sounders and Horns

- » Non-incendive, intrinsically safe and explosion proof
- » Combination units available
- » ATEX, IECEx and C1D1 certified



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