

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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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



HMI

» Intrinsically Safe HMI

- Certified for Zone 1 use
- Combined operator panel, HMI & PLC
- Built-in I/O modules
- IP66 toughened glass and stainless-steel front panel
- 7" backlit screen



» 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

IS940.1 Tablet

- » Android Operating System
- » Large 10.1" screen size
- » 8 GB Ram
- » Class I Division 1, ATEX, IECEx Zone 1 Certification **Applied For**



Hazardous Area Cameras



- » Armadex handheld digital cameras and Tecnovideo CCTV cameras
 - Portable intrinsically safe digital cameras
 - Zone 2 certified
 - C1D1 and Zone 1 IP cameras
 - Fixed and PTZ variants
 - IR thermal camera solutions



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

Zone 1 Remote I/O Modules

- » Intrinsically safe and Exe versions
- » IP66/67 rated
- » Broad temperature range
- » Profinet & Modbus TCP/IP Comms



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

IS-VS1A.1 Valve Sense

- » Mobile inspection system for leak detection through algorithms and AI
- » Software-guided acoustic emission inspection process
- » Automated data transfer in cloud-based back office
- » Cost savings through predictive maintenance
- » Class I Division 1, ATEX, IECEx Zone 1 Certified



RFID Tags & Readers

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

Handheld Barcode Scanners and RFID Reader

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



Portable Lighting

- » High performance LEDs
- » Lumen ratings
- » Optimized performance
- » 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 iSOLATE501 Intrinsic 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
- » IP68 and MIL spec design
- » CBRS private cellular compatible



IS440.1 5G Radio



- » Channel selector e.g. for PTT applications
- » CBRS private cellular compatible
- » Programmable side key (e.g. for PoC/PTT)
- » 8-pin ISM interface for optional audio accessories
- » Powerful 4800 mAh battery for extreme runtime as an optional accessory
- » Amplified loudspeaker for noisy work environments
- » ATEX, IECEX Zone 1 Certified **Applied For**

TASSTA

- » Mission critical PTT over cellular
- » Push-to-video
- » GPS location and indoor localization
- » Task manager
- » Patrol control
- » Legacy radio network integration



Intrinsically Safe Headsets

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

Realwear Navigator Z1

- » Android-based Smart Glass
- » Complete hands free operation with exceptional voice recognition
- » Clear, high resolution microdisplay
- » Full-shift internal battery 8-10 hours
- » Class I Division 1, ATEX, IECEx Zone 1 Certified



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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