INCREASE IN INDUSTRIAL SAFETY MEASURES BOOSTS GROWTH

This report focuses on hazardous area automation equipment and services of protection types - prevention (intrinsic safety, increase safety) and containment. The report includes “Equipment Group II” hazardous area automation products and focuses on industrial certified products that are used in hazardous areas. Services include certifications for the applications, initial inspection, and programmed maintenance, such as periodic inspections and repairs. This report covers gas and dust explosion protection types and Ex i, Ex e, Ex d, and Ex t certification types.

For most process plants, it’s not possible for all automation system components to be installed in non-hazardous areas. As a result, some form of protection and safety measures are required to prevent explosions that could occur when a hazardous gas and energy source combine.

The growing focus on increasing industrial safety measures and standards, especially in process industries, is creating a significant demand for intrinsic safe, flame, and explosion-proof hazardous area equipment. Also, growth in the oil & gas industry will further boost the growth.

According to ARC Advisory Group, the market for hazardous area automation equipment experienced good growth in 2018 compared with the year 2017, and is expected to grow, but at below 2018 growth levels during the forecast period.

For more information, please visit us at www.arcweb.com/market-studies/.

STRATEGIC ISSUES

A major challenge for users is to have onsite maintenance or a complete but non-intrusive view of operations, especially in hazardous areas without isolating the power source of equipment for reliable and safe operations. So how can suppliers address such challenges and increase their value proposition?

- What are the growing certification types?
- How will Industrial IoT or Industry 4.0 impact the market?
- Who are the major suppliers?
- What are the strategies to be considered for both suppliers and users?

RESEARCH FOCUS AREAS

STRATEGIC ANALYSIS
Major, Regional, and Industry Trends
Strategic Recommendations

COMPETITIVE ANALYSIS
Market Shares of the Leading Suppliers
Market Shares by Region
North America
Europe, Middle East, Africa
Asia
Latin America
Market Shares by Revenue Type
Hardware
Services
Market Shares by Hardware Type
Access Points/Wi-Fi
Field Enclosures
HMI/IPC
IS Isolators
Lighting Products
Mobile Devices
Process I/O
Solenoid Safety Valves
Sounders/Beacons
Valve Positioners
Valve Terminals
Market Shares by Explosion Protection
Gas
Dust
Market Shares by Industry
Chemical/Petrochemical
Electric Power Generation
Food & Beverage
Metals
Mining
Oil & Gas
Pharmaceutical & Biotech
Pulp & Paper
Refining
Market Shares by Distribution Channel
Market Shares by Sales Channel

MARKET FORECASTS & HISTORIES
Total Shipments of Hazardous Area Automation Equipment
Shipments by Region
Shipments by Revenue Type
Shipments by Hardware Type
Shipments by Explosion Protection Type
Shipments by Industry
Shipments by Distribution Channel
Shipments by Customer Type

INDUSTRY PARTICIPANTS
The research identifies all relevant suppliers serving this market.