

Hazardous Area Automation Equipment Market Research

FIVE-YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2023

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 on-site 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 FORMATS

This research is available as a Market Intelligence Workbook (Excel) and/or a concise, executive-level Market Analysis Report (PDF), with or without detailed charts.

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.

The Worldwide Hazardous Area Automation Equipment Market

