Alarm Management Market Research

**FIVE-YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2023**

**ALARM MANAGEMENT IS A ROAD TO BIG DATA AND ANALYTICS**

The scope of this report covers standalone alarm management applications and tools that range from simple alarm notification capabilities for mobile devices to more sophisticated standalone alarm management application suites that include functionality for alerts and notifications, documentation and enforcement, and advanced reporting and analysis. Master alarm database applications are also included.

Many heavy process end users began to implement fully functional alarm management systems close to two decades ago. Many of these systems were implemented as the result of efforts to rationalize alarms, reduce the number of alarms presented to the operator, and implement a continuous improvement process around alarm management as outlined by industry standards bodies.

A crisis emerged when the ability to easily configure alarms in the modern control system reduced the cost of adding a new alarm to a system to basically nothing. The dramatic explosion of operator alarms that followed made it exceedingly difficult for operators to see critical alarm data. In too many instances, this resulted in incidents and unplanned downtime.

Many end users are finding value in automating procedures that were previously performed manually. This also overlaps into the realm of state-based control, in which process automation systems can dynamically react to changing states in the process without operator intervention.

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

**STRATEGIC ISSUES**

Alarm management in general continues to be a big issue in process plants, driven largely by the need to conform to current standards and best practices like ISA 18.2, EEMUA 191, and IEC 62682.

However, adherence to standards and best practices is not the only alarm management issue facing end users. Many end users are interested in migrating to a new alarm management application and improving their alarm management philosophy and implement some of the newer aspects of these solutions.

**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 Trends
- Regional Trends
- 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 Category
  - Service Revenues
  - Software Revenues
- Market Shares by Industry
  - Cement & Glass
  - Chemical/Petrochemical
  - Electric Power Generation
  - Food & Beverage
  - Metals
  - Mining
  - Oil & Gas
  - Pharmaceutical & Biotech
  - Refining
  - Water & Wastewater

**MARKET FORECASTS & HISTORIES**
- Total Shipments of Alarm Management
- Shipments by Region
- Shipments by Revenue Category
- Shipments by Industry

**INDUSTRY PARTICIPANTS**

The research identifies all relevant suppliers serving this market.