Industrial Automation Market Research Report- Forecast 2023

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Description:

Industrial Automation Market, by Type (Fixed Automation and Programmable Automation), by Technology (SCADA, PAC, PLC, DCS, HMI) and End-User (Machine Manufacturing, Oil & Gas, Aerospace & Defense, Electronics, Automotive, Pharmaceuticals) - Forecast to 2023

Market Snapshot

It is most likely that the manufacturing sector will continue to transform in the years to come. In the current phase, it is witnessing a shift from manual assistance to automation, thus giving birth to the term industrial automation. Unlike in the past, most of the modern large-scale manufacturing operations are automated and require minimum or zero human intervention. Industrial automation is certainly the need of the hour as conventional manufacturing mechanisms are inadequate to meet current requirements. MRFR reports that in 2017, the global industrial automation market raked in USD 128.63 billion in revenues. In addition, the market is projected to exhibit a compound annual growth rate of 9.35% during the forecast period (2018 to 2023). Introduction of favorable policies towards the manufacturing sector and increased focus on economic diversification in emerging markets are the two key factors driving industrial automation.

Report Synopsis

This MRFR study presents an outlook towards the global industrial automation market. The primary objective of the study is to forecast the market’s growth trend for the next five years, until 2023. It covers all the important parameters necessary for making market assessment. The research document includes a discussion on fixed automation and programmable automation. The scope of discussion also covers different automation technologies such as supervisory control & data acquisition (SCADA), distributed control system (DCS), programmable logic controller (PLC), human machine interface (HMI), and programmable automation controller (PAC). The study identifies machine manufacturing, oil & gas, aerospace & electronics, automotive & transportation, mining & metals, food & beverage and pharmaceuticals as the primary end users of automation technologies.

Companies Covered


The report offers insights into the leading market players and presents an assessment of their current market position. Company information with regards to revenue, segmental share, geographical income, SWOT, growth strategies, new product launch, M&A activities, and the latest R&D initiatives is also available in the document.

Research Methodology

MRFR employs an advanced research methodology to make impeccable and highly accurate market assessments. Using both top-down and bottom-up perspectives, market size and market segments are analyzed and substantiated. Our expert data analysts implement scientific and systematic methods to evaluate all the variables that could impact market
growth to obtain critical insights into trends, constraints, and probabilities and contingencies impacting market potential. Under primary research methods, information is gathered via interviews with key decision makers and industry insiders. The secondary research facilitates a detailed analysis of all pertinent information via reference to researches available on public domain. MRFR experts use plausible sources such as annual reports, SEC filings, and white papers for the consolidation of unique intelligent inputs.

Other Description
- Market Denomination- USD Billion
- Base Year- 2017
- Forecast Period- From 2018 to 2023

Intended Audience
- Process Automation and Instrumentation Manufacturers
- Industrial Robot Manufacturers
- MES (Manufacturing Execution System) and MOM (Manufacturing Operations Management) Players
- System Integrator

For the scope of the research, MRFR’s report offers a comprehensive segmental analysis of the global market for industrial automation

By Type
- Fixed Automation
- Programmable Automation

By Technology
- Supervisory control & data acquisition (SCADA)
- Distributed Control System (DCS)
- Programmable Logic Controller (PLC)
- Human Machine Interface (HMI)
- Programmable Automation Controller (PAC)

By End-User
- Machine Manufacturing
- Oil & Gas
- Aerospace & Electronics
- Automotive & Transportation
- Mining & Metals
- Food & Beverage
- Pharmaceuticals

By Region
- North America
- Europe
- Asia Pacific
- The Middle East & Africa (MEA)
- Latin America
The global industrial automation market is expected to reach USD 216.47 billion by 2023.

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