

Global Industrial Controls and Robotics Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Industrial Controls and Robotics market size was valued at USD 127600 million in 2023 and is forecast to a readjusted size of USD 157600 million by 2030 with a CAGR of 3.1% during review period.

Industrial controls and robotics systems comprise automation and instrumentation equipment, which helps in controlling and monitoring several processes within industries.

The Global Info Research report includes an overview of the development of the Industrial Controls and Robotics industry chain, the market status of Power (Industrial Control Systems (SCADA, PLC, and DCS), Field Devices (Field Devices, Sensors, Relay and Switches, Robotics, Motion Control and Drives Systems, and Machine Vision systems)), Textiles (Industrial Control Systems (SCADA, PLC, and DCS), Field Devices (Field Devices, Sensors, Relay and Switches, Robotics, Motion Control and Drives Systems, and Machine Vision systems)), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Industrial Controls and Robotics.

Regionally, the report analyzes the Industrial Controls and Robotics markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Industrial Controls and Robotics market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Industrial Controls and Robotics market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Industrial Controls and Robotics industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Industrial Control Systems (SCADA, PLC, and DCS), Field Devices (Field Devices, Sensors, Relay and Switches, Robotics, Motion Control and Drives Systems, and Machine Vision systems)).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Industrial Controls and Robotics market.

Regional Analysis: The report involves examining the Industrial Controls and Robotics market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Industrial Controls and Robotics market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Industrial Controls and Robotics:

Company Analysis: Report covers individual Industrial Controls and Robotics manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and

attitudes towards Industrial Controls and Robotics This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Power, Textiles).

Technology Analysis: Report covers specific technologies relevant to Industrial Controls and Robotics. It assesses the current state, advancements, and potential future developments in Industrial Controls and Robotics areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Industrial Controls and Robotics market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Industrial Controls and Robotics market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Industrial Control Systems (SCADA, PLC, and DCS)

Field Devices (Field Devices, Sensors, Relay and Switches, Robotics, Motion Control and Drives Systems, and Machine Vision systems)

Manufacturing Execution Systems (Discrete and Process)

Market segment by Application

Power

Textiles

Automotive

Chemicals

Printing and Packaging

Plastics

Oil and Gas

Pharmaceutical

Food Processing

Other

Major players covered

Denso Wave

FANUC

KUKA

Yaskawa Electric

Toshiba Machine

Yokogawa Electric

ABB

Honeywell

Emerson

GE

Invensys

Mitsubishi Electric

Rockwell Automation

Siemens

Omron

Schneider Electric

Kawasaki Robotics

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Industrial Controls and Robotics product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Industrial Controls and Robotics, with price, sales, revenue and global market share of Industrial Controls and Robotics from 2019 to 2024.

Chapter 3, the Industrial Controls and Robotics competitive situation, sales quantity,

revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Industrial Controls and Robotics breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Industrial Controls and Robotics market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Industrial Controls and Robotics.

Chapter 14 and 15, to describe Industrial Controls and Robotics sales channel, distributors, customers, research findings and conclusion.

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