

# Industrial Control And Factory Automation - Global Market Outlook (2016-2022)

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## Abstracts

According to Statistics MRC, the Global Industrial Control and Factory Automation market is accounted for \$138.56 billion in 2015 and is expected to reach \$242.10 billion by 2022 growing at a CAGR of 8.3%. Rapid advancement of Information Technology and the diversion of the manufacturing sector towards the adoption of automated technologies have revolutionized the manufacturing sector. Adoption of IoT (Internet of Things) and advancement in M2M (Mobile to Mobile) communication technology in the industrial sector, the need of optimal use of resources, waste reduction and increase in process efficiency are of prime concern in manufacturing industries, these all are fueling up the market. High investment requirement and advanced infrastructure requirements are some of the major restraining factors.

Robotic arms segment is estimated to be the dominant segment in market owing to its advantages in handling, better precision, reduction in labor costs and reduction in the risks of exposure to production hazards. Process industry segment is estimated to be the stagnant segment in order to its varied applications and vast structure. North America accounted for the largest share of market, while Asia Pacific is estimated to be the fastest growing, attributed to growing industrial sector in emerging countries such as China and India. Factory automation is increasing in China, due to the large number of automotive manufacturing plants.

Some of the key players of the Industrial Control and Factory Automation market include ABB Ltd., Ametek Inc, Aspen Technology Inc, Emerson Electric Corporation, General Electric, Honeywell International, Inc., Johnson Controls, Inc., Mitsubishi Electric, National Instrument Corporation, Omron, Rockwell Automation, Inc., Schnieder Electric, Siemens AG, Yokogawa Electric Corporation and Texas Instruments Inc..

End-Users Covered:

Discrete Industry

Aerospace & Defense

Automotive & Transportation

Electrical and Electronics

Machine Manufacturing

Other Discrete Industries

Process Industry

Chemicals

Food & Beverages

Mining & Metals

Oil & Gas

Paper & Pulp

Petrochemicals & Fertilizers

Pharmaceuticals

Power

Printing and Packaging

Textile

Water & Wastewater Management

Other Process Industries

### Technologies Covered:

Distributed Control System (DCS)

Human-Machine Interface

Manufacturing Execution System (MES)

Product Lifecycle Management (PLM)

Programmable Logic Controller (PLC) and Remote Terminal Unit (RTU)

Supervisory Control and Data Acquisition (SCADA)

### System Types Covered:

Electric Drives

Enterprise Resource Planning (ERP)

Field Devices

Industrial Control Systems

Machine Vision

Manufacturing Execution Systems (MES)

Motion & Drives

Relays & Switches

Sensors

Other System Types

**Components Covered:**

Control Valves

Ball Valve

Butterfly Valve

Diaphragm Valve

Gate Valve

Globe Valve

Plug Valve

Other Control Valves

Industrial Networks

Wireless Network

Short-Range

Wi-Fi

Bluetooth

Other Short range networks

Cellular Technologies

Wired Network (Industrial Ethernet)

Industrial Robots

Cartesian Robots

Cylindrical Robots

Jointed-Arm Robots

Selective Compliance Assembly Robot Arms

Other Industrial Robots

Field Instruments

Transmitters

Machine Vision

Camera

Digital Camera

Smart Camera

Frame Grabber

Optics

Led Lighting

Processors and Software

Enclosures

Control Devices

Drives

Relays and Switches

Servo Motors

Cables

## Regions Covered:

### North America

US

Canada

Mexico

### Europe

Germany

France

Italy

UK

Spain

Rest of Europe

### Asia Pacific

Japan

China

India

Australia

New Zealand

Rest of Asia Pacific

### Rest of the World

Middle East

Brazil

Argentina

South Africa

Egypt

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements.

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