

# Industrial Control and Factory Automation Market to Reach \$242.10 Billion with 8.3% CAGR Forecast to 2022

*Global Industrial Control and Factory Automation market is accounted for \$138.56 billion in 2015 and is expected to reach \$242.10 billion*

PUNE, INDIA, March 6, 2017 /EINPresswire.com/ -- Summary

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.

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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
  - o Aerospace & Defense
  - o Automotive & Transportation
  - o Electrical and Electronics
  - o Machine Manufacturing
  - o Other Discrete Industries
- Process Industry
  - o Chemicals
  - o Food & Beverages
  - o Mining & Metals
  - o Oil & Gas
  - o Paper & Pulp
  - o Petrochemicals & Fertilizers
  - o Pharmaceuticals
  - o Power
  - o Printing and Packaging
  - o Textile
  - o Water & Wastewater Management
  - o Other Process Industries

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#### 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
  - o Ball Valve
  - o Butterfly Valve
  - o Diaphragm Valve
  - o Gate Valve
  - o Globe Valve
  - o Plug Valve
  - o Other Control Valves
- Industrial Networks
  - o Wireless Network
    - v Short-Range
      - § Wi-Fi
      - § Bluetooth
      - § Other Short range networks
    - v Cellular Technologies
  - o Wired Network (Industrial Ethernet)
- Industrial Robots
  - o Cartesian Robots
  - o Cylindrical Robots
  - o Jointed-Arm Robots
  - o Selective Compliance Assembly Robot Arms
  - o Other Industrial Robots
- Field Instruments
  - o Transmitters
- Machine Vision
  - o Camera
    - v Digital Camera
    - v Smart Camera
  - o Frame Grabber
  - o Optics
  - o Led Lighting
  - o Processors and Software
- Enclosures
- Control Devices
  - o Drives
  - o Relays and Switches
  - o Servo Motors
- Cables

## Regions Covered:

- North America
  - o US

- o Canada
- o Mexico
- Europe
- o Germany
- o France
- o Italy
- o UK
- o Spain
- o Rest of Europe
- Asia Pacific
- o Japan
- o China
- o India
- o Australia
- o New Zealand
- o Rest of Asia Pacific
- Rest of the World
- o Middle East
- o Brazil
- o Argentina
- o South Africa
- o Egypt

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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.

Continued....

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