

Factory Automation and Industrial Controls - Global Market Outlook (2020-2028)

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Abstracts

According to Statistics MRC, the Global Factory Automation and Industrial Controls Market is accounted for \$151.85 billion in 2020 and is expected to reach \$339.86 billion by 2028 growing at a CAGR of 10.6% during the forecast period. An increase in the adoption of robots in the global manufacturing industry and initiatives undertaken by governments of different countries are driving the market growth. However, fluctuations in end-use industries are restraining the market growth.

Automation is the use of information technology in combination with mechanical technology for manufacturing processes to make an efficient and smart manufacturing infrastructure. Factory automation & industrial controls systems can help in reducing the operational cost of manufacturing, and also help in standardizing the manufacturing process for improving quality.

Based on product, the industrial robots segment is going to have lucrative growth during the forecast period. Manufacturers are installing industrial robots to form production and distribution efficient and easy. Industrial robots are used to reduce human involvement in the production process, thereby reducing the cost of manufacturing with improved quality and increased production capacity.

By geography, Asia Pacific is going to have significant growth during the forecast period. An increase in industrial production in countries, such as China, India, and Germany and strong growth purchase manager index numbers from Australia, China, and the UK will influence the growth in the Asia Pacific.

Some of the key players profiled in the Factory Automation and Industrial Controls include ABB Limited, Aspen Technology Inc, Autodesk Inc., Dassault Systemes SE,

Emerson Electric Company, General Electric Co, Honeywell International Inc., Mitsubishi Electric Corporation, Robert Bosch GmbH, Rockwell Automation Inc., Schneider Electric SE, Siemens AG, Texas Instruments Inc., and Yokogawa Electric Corporation.

Control Systems Covered:

Distributed Control Systems (DCS)

Functional Safety

Human-Machine Interface (HMI)

Manufacturing Execution Systems (MES)

Plant Asset Management (PAM)

Product Lifecycle Management (PLM)

Programmable Automation Controller (PAC)

Programmable Logic Controllers (PLC)

Safety Instrumented System (SIS)

Supervisory Control And Data Acquisition (SCADA)

Products Covered:

Software

Machine Vision

Sensors

Power Backup

Services

Industrial Personal Computer (IPC)

Industrial 3D Printing

Motion and Drives

Relays and Switches

Industrial Control Systems

Control Valves

Field Device

Automation Electronics

Motor & Motor Control

Remote Terminal Unit (RTU)

Field Instruments

Connectivity

Robots

Power and Energy Meters

Measurement and Analytical Products

Industrial Control System (ICS)

Interrogate Threat System (ITS)

Applications Covered:

Artificial Intelligence (AI)

Augmented Reality (AR) and Virtual Reality (VR)

Big Data Analytics

Condition Monitoring

Flow

Industrial Cyber Security

Industrial Internet of Things (IIoT)

Level

Pressure

End Users Covered:

Process Industries

Discrete Industries

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025 and 2028

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

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

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Comprehensive profiling of additional market players (up

to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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