

Machine Automation Controller Market Growth Analysis with Investment Opportunities For 2024-2033

The Business Research Company's Machine Automation Controller Global Market Report 2024 – Market Size, Trends, And Global Forecast 2024-2033

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/EINPresswire.com/ -- The machine automation controller market has experienced robust growth in recent years, expanding from \$37.41 billion in

2023 to \$39.17 billion in 2024 at a compound annual growth rate (CAGR) of 4.7%. The growth in the historic period can be attributed to industrial automation evolution, demand for increased productivity, efficiency in material handling, growing complexity in manufacturing, increased focus on quality control, safety compliance requirements.



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What Is The Estimated Market Size Of The Global Machine Automation Controller Market And Its Annual Growth Rate?

The machine automation controller market is projected to continue its strong growth, reaching to \$47.73 billion in 2028 at a compound annual growth rate (CAGR) of 5.1%. The growth in the forecast period can be attributed to

growth in smart manufacturing, focus on sustainable manufacturing, customizable and modular systems, global supply chain resilience, regulatory push for digitalization. Major trends in the forecast period include rise of industrial internet of things (iiot), edge computing for real-time processing, focus on cybersecurity, modular and scalable controllers, cloud-based automation solutions, collaborative and safe robotics integration, remote monitoring and maintenance.

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Growth Driver Of The Machine Automation Controller Market

The growing use of robots in the manufacturing sector is expected to propel the growth of the machine automation controller market going forward. Industrial robots are machines that have been programmed to perform manufacturing tasks. In manufacturing, robots are used to perform repetitive tasks, which streamlines the overall assembly workflow. As a result, the growing use of robots in the manufacturing sector increases demand for the machine automation controller market.

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Which Market Players Are Steering The [Machine Automation Controller Market Growth](#)?

Key players in the machine automation controller market include Omron Corporation, Schneider Electric SE, Rockwell Automation Inc., Emerson Electric Company, Advantech Company Limited, Yokogawa Electric Corporation, Delta Electronics Inc., Kollmorgen, ABB Limited, Mitsubishi Electric Corporation, Parker Hannifin Corporation, American Chemical Society India, NEXCOM International Company Limited, Kontron AG, Bosch Rexroth AG, Beckhoff Automation GmbH & Co. KG, Honeywell International Inc., Siemens AG, Acromag Inc., B&R Automation, Control Techniques, Precise Automation Inc., Danfoss A/S, Eaton Corporation plc, Fuji Electric Co. Ltd., GE Automation & Controls, Hitachi Industrial Equipment Systems Co. Ltd., IDEC Corporation, Lenze SE, Yaskawa Electric Corporation.

What Are The Key Trends That Influence [Machine Automation Controller Market Size](#)?

Product innovation is a key trend gaining popularity in the machine automation controller market. Major companies operating in the machine automation controller market are developing innovative products to strengthen their position.

How Is The Global Machine Automation Controller Market Segmented?

- 1) By Controller Type: Distributed Control System (DCS), Programmable Logic Controller (PLC), Industrial PC (IPC)
- 2) By Form Factors: IP65, IP20, Other Form Factors (IP40, IP67, and IP69K)
- 3) By Industry: Food & Beverages, Automotive, Pharmaceutical, Packaging, Media & Telecommunication, Aerospace, Chemicals, Other Industries

Geographical Insights: North America Leading The Machine Automation Controller Market

North America was the largest region in the machine automation controller market share in 2023. Asia-Pacific is expected to be the fastest-growing region in the forecast period. The regions covered in the machine automation controller market report are Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, Africa.

Machine Automation Controller Market Definition

The machine automation controller is an industrial system that combines supervision of multiple integrated subsystems and supervisory control and provides synchronous control of all connected machine devices as well as advanced functions such as robotics, database connectivity, and motion.

Machine Automation Controller Global Market Report 2024 from [The Business Research Company](#) covers the following information:

- Market size data for the forecast period: Historical and Future
- Macroeconomic factors affecting the market in the short and long run
- Analysis of the macro and micro economic factors that have affected the market in the past five years
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

An overview of the global machine automation controller market report covering trends, opportunities, strategies, and more

The Machine Automation Controller Global Market Report 2024 by The Business Research Company is the most comprehensive report that provides insights on machine automation controller market size, machine automation controller market drivers and trends, machine automation controller market major players, machine automation controller competitors' revenues, machine automation controller market positioning, and machine automation controller market growth across geographies. The machine automation controller market report helps you gain in-depth insights into opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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Market Entry Research Package, Competitor Tracking Package, Supplier & Distributor Package, and much more.

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