

# United States Smart Manufacturing Platform Market Strategic Analysis and Outlook 2024-2030 | Exactitude Consultancy

Global Smart Manufacturing Platform Market include ABB, Schneider Electric, Siemens, Emerson Electric Co

LUTON, BEDFORDSHIRE, UNITED KINGDOM, April 26, 2024 /EINPresswire.com/ -- The Market research report offers an elaborate study of the global [Smart Manufacturing Platform](#) Market to help players prepare themselves well to tackle future growth challenges and ensure continued business expansion. The report provides an up-to-date



analysis of the current market scenario, including the latest trends and drivers influencing the Smart Manufacturing Platform market. The report includes comprehensive information on the market drivers, key trends and challenges, a deep analysis of technology trends, opportunities, value chains, future protocol, and strategies. The Smart Manufacturing Platform market report

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Growing demand for efficiency & automation in manufacturing drives the Global Smart Manufacturing Platform Market.

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*Exactitude Consultancy*

studies the role of the leading market players involved in the industry including their commercial overview, financial summary and SWOT analysis. Furthermore, the report includes actionable insights into the Market's prospects based on input from industry professionals to assist readers in establishing effective strategies.

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\*\*The market is expected to grow significantly, driven by the increasing adoption of smart manufacturing technologies, and the need for automation in manufacturing processes. \*\*

## Smart Manufacturing Platform Market Dynamics

### DRIVERS : Growth in industrial automation

Industrial automation is defined as the use of control systems such as robots or computers for handling machinery and different processes in any industry. For instance, in the manufacturing industry, intelligent machines are being used to carry out the manufacturing process without any human intervention. Companies engaged in industrial manufacturing are witnessing high pressure to increase productivity, as well as lower the manufacturing cost. Thus, to reduce manufacturing costs, increase productivity, and optimize resources, they are adopting industrial automation. Industrial automation systems eliminate human intervention; help in reducing the work, waste, and labor cost; minimize downtime and inaccuracies; increase process quality; and reduce the response and processing time. In addition, the systems also monitor and record valuable information to enhance the manufacturing process, identify patterns, and implement changes to prevent future events.

### OPPORTUNITIES : Growth in adoption of IIoT and cloud technologies

IIoT is the application of connected sensors, instrumentation, and other machinery devices in the manufacturing industry. IIoT is revolutionizing manufacturing plants by connecting a wide network of intelligent devices that can increase automation in plants. With IIoT, plant floors are becoming increasingly interconnected and integrated, which has led to the transformation of industrial automation into smart automation, enabling manufacturers to gain a higher return on investment. IIoT enables users to access data of the inaccessible areas of a plant at any time. The IIoT makes industrial processes efficient, productive, and innovative, as the architecture provides information about operational and business systems on a real-time basis. The manufacturers investing in the IIoT are gaining benefits such as increased and efficient productivity through connectivity, automation, and analytics. IIoT provides complete visibility of assets, resources, processes, and products to the plant managers. The major companies utilizing IIoT for the transformation of businesses are ABB (Switzerland), Microsoft Corporation (US), Amazon (US), Bosch (Germany), and Hitachi (Japan), among others.

### Competitive Landscape:

In this section, we assess the competitive landscape of the Smart Manufacturing Platform Market, focusing on key players.

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ABB, Schneider Electric, Siemens, Emerson Electric Co, General Electric Co, Amazon Web Services, Inc, Fujitsu Ltd, Hitachi, IBM and Microsoft Corporation.

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In June 2020, PTC has announced the introduction of ThingWorx 9.0, the latest edition of its Industrial IoT platform, which includes new features to assist industrial enterprises in implementing, creating, customising, and scaling their solutions. ThingWorx 9.0 includes an optimised clustered setup that improves the platform's horizontal scalability.

In July 2020, ABB has announced the release of ABB Ability Genix Industrial Analytics and AI Suite, which can combine operational data with IT and engineering data to provide actionable knowledge. The newly released software will aid industries in improving asset management, streamlining operations, ensuring process safety, and ensuring corporate sustainability.

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The competitive analysis reveals a dynamic landscape in the Smart Manufacturing Platform Market, with each key player adopting distinct strategies to secure their positions. Market leaders face pressure from agile newcomers, making innovation and adaptability key factors for sustained success.

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In this section, we provide a breakdown of the Smart Manufacturing Platform Market into segments based on different criteria, including the type of analysis, industry verticals, and geographic regions.

Smart Manufacturing Platform Market By Type, 2019-2028, (IN USD Million)

Device Management

Connectivity Management

Application Enablement Platform

Smart Manufacturing Platform Market By Process Industry, 2019-2028, (IN USD Million)

Oil And Gas

Power And Energy

Chemicals

Pharmaceuticals

Food & Beverages

Metals & Mining

Regional Segments:

North America (United States, Mexico & Canada)

Asia-Pacific (Taiwan, Hong Kong, Singapore, Vietnam, China, Malaysia, Japan, Philippines, Korea, Thailand, India, Indonesia, and Australia).

South America (Brazil, Venezuela, Argentina, Ecuador, Peru, Colombia, etc.)

Europe (Turkey, Spain, Turkey, Netherlands Denmark, Belgium, Switzerland, Germany, Russia UK, Italy, France, etc.)

The Middle East and Africa (South Africa, Saudi Arabia, UAE, Israel, Egypt, etc.)

Smart manufacturing platform in APAC to grow at the highest CAGR

APAC is expected to hold the largest growth rate of the global smart manufacturing platform market during the forecast period. APAC has been showing impressive development in industrialization for the last few years and is at the forefront of the digital revolution from rest of the world. The region can be seen steadily advancing toward the digital future. In APAC, there is a large number of emerging new small- and medium-sized businesses. It is easier for emerging businesses to adopt digitalization. Hence, the rate of digitalization is consistently growing in the region. Countries such as China, Japan, and India have undertaken numerous initiatives to encourage the implementation of IIoT in their domestic industries. Government support for the adoption of automation technologies and rapid industrialization and urbanization are some of the major factors driving the growth of the IIoT market in APAC, which, in turn, is expected to fuel the growth of the smart manufacturing platform market.

Regional Segments:

Estimate the current Smart Manufacturing Platform market size and predict future growth based on identified trends.

Offer an overview of key market players and assess their strategies, strengths, and weaknesses. Analyze the impact of government regulations and incentives on the Smart Manufacturing Platform market's direction.

Share insights into consumer preferences and target demographics for the manufacturers. Identify opportunities for new entrants and existing companies while highlighting industry risks and challenges.

Strategic Points Covered in Table of Content of Global Smart Manufacturing Platform Market:

Chapter 1: Introduction, market driving force product Objective of Study and Research Scope the Smart Manufacturing Platform market

Chapter 2: Exclusive Summary - the basic information of the Market.

Chapter 3: Displaying the Market Dynamics- Drivers, Trends and Challenges & Opportunities of the Smart Manufacturing Platform

Chapter 4: Presenting the Market Factor Analysis, Porters Five Forces, Supply/Value Chain, PESTEL analysis, Market Entropy, Trademark Analysis.

Chapter 5: Displaying the by Type, End User and Region

Chapter 6: Evaluating the leading manufacturers of the Smart Manufacturing Platform market which consists of its Competitive Landscape, Peer Group Analysis, BCG Matrix & Company Profile

Chapter 7: To evaluate the market by segments, by countries and by Manufacturers with revenue share and sales by key countries in these various regions (2024-2030)

Chapter 8 & 9: Displaying the Appendix, Methodology and Data Source

Key Market Trends:

- Growing demand for surveillance across several verticals
- Gradual decrease in cost of Smart Manufacturing Platform
- Rapid development of high-performance Smart Manufacturing Platform

Key Market Segments:

The report provides an overview of every manufacturers and the products developed by each manufacturer along with the application scope of every product.

Data regarding the market share of every company, as well as sales figures concerning each firm, is stated in the report.

Details regarding the profit margins and price patterns have been inculcated in the report.

Smart Manufacturing Platform Market Research Report:

- Understanding the Market
- Assessing Market Opportunities
- Evaluating Market Challenges
- Competitive Analysis
- Consumer Insights
- Market Forecasting
- Risk Assessment
- Decision Support
- Information Dissemination
- Benchmarking and Performance Evaluation
- Policy and Regulatory Guidance
- Educational and Research Purposes

What is the present Smart Manufacturing Platform market size in terms of revenue and volume, and how much growth is expected during the forecast period?

Which are the key developments that are anticipated to stimulate Smart Manufacturing Platform market trends?

Which factors will trigger product demand and how much product consumption is estimated?

What are the upcoming business opportunities and restraints?

Which region will dominate the global Smart Manufacturing Platform market share?

What are the key drivers and restraints of the Smart Manufacturing Platform market?

What are the key challenges and opportunities for the Smart Manufacturing Platform market?

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