

Process Automation and Instrumentation Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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Process Automation and Instrumentation Trends and Forecast

The future of the global process automation and instrumentation market looks promising with opportunities in the oil & gas, chemicals, pulp & paper, pharmaceutical, metals & mining, food & beverage, energy & power, and water & wastewater treatment markets. The global process automation and instrumentation market is expected to reach an estimated \$93.83 billion by 2030 with a CAGR of 5.2% from 2024 to 2030. The major drivers for this market are growing demand for IoT, machine learning, and artificial intelligence, rising need for efficient utilization of resources, and increasing investments in the automation technologies in the developing countries.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Process Automation and Instrumentation by Segment

The study includes a forecast for the global process automation and instrumentation by instrument, solution, end use industry, and region

Process Automation and Instrumentation Market by Instrument [Shipment Analysis by Value from 2018 to 2030]:

Field Instruments

Process Analyzers

Process Automation and Instrumentation Market by Solution [Shipment Analysis by Value from 2018 to 2030]:

PLC

DCS

SCADA

HMI

Functional Safety

MES

Process Automation and Instrumentation Market by End Use Industry [Shipment Analysis by Value from 2018 to 2030]:

Oil & Gas

Chemicals

Pulp & Paper

Pharmaceuticals

Metals & Mining

Food & Beverages

Energy & Power

Water & Wastewater Treatment

Others

Process Automation and Instrumentation Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Process Automation and Instrumentation Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies process automation and instrumentation companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the process automation and instrumentation companies profiled in this report include-

ABB

Emerson Electric

Honeywell International

Mitsubishi Electric

Rockwell Automation

Schneider Electric

Siemens Ag

Yokogawa Electric

General Electric

Eaton Corporation

Process Automation and Instrumentation Market Insights

Lucintel forecast that field instruments is expected to witness highest growth over the forecast period because it helps in managing plant assets and ensures enhanced plant safety as well as optimizes overall production processes through data acquisition, control, and measurement.

Within this market, oil & gas will remain the largest segment.

APAC is expected to witness highest growth over the forecast period.

Features of the Global Process Automation and Instrumentation Market

Market Size Estimates: Process automation and instrumentation market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Process automation and instrumentation market size by instrument, solution, end use industry, and region in terms of value (\$B).

Regional Analysis: Process automation and instrumentation market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different instrument, solution, end use industry, and region for the process automation and instrumentation market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the process automation and instrumentation market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q.1 What is the process automation and instrumentation market size?

Answer: The global process automation and instrumentation market is expected to reach an estimated \$93.83 billion by 2030.

Q.2 What is the growth forecast for process automation and instrumentation market?

Answer: The global process automation and instrumentation market is expected to grow with a CAGR of 5.2% from 2024 to 2030

Q.3 What are the major drivers influencing the growth of the process automation and instrumentation market?

Answer: The major drivers for this market are growing demand for IoT, machine learning, and artificial intelligence, rising need for efficient utilization of resources, and increasing investments in the automation technologies in the developing countries.

Q4. What are the major segments for process automation and instrumentation market?

Answer: The future of the process automation and instrumentation market looks promising with opportunities in the oil & gas, chemicals, pulp & paper, pharmaceuticals, metals & mining, food & beverages, energy & power, and water & wastewater treatment markets.

Q5. Who are the key process automation and instrumentation market companies?

Answer: Some of the key process automation and instrumentation companies are as follows:

ABB

Emerson Electric

Honeywell International

Mitsubishi Electric

Rockwell Automation

Schneider Electric

Siemens AG

Yokogawa Electric

General Electric

Eaton Corporation

Q6. Which process automation and instrumentation market segment will be the largest in future?

Answer: Lucintel forecast that field instruments is expected to witness highest growth over the forecast period because it helps in managing plant assets and ensures enhanced plant safety as well as optimizes overall production processes through data acquisition, control, and measurement.

Q7. In process automation and instrumentation market, which region is expected to be the largest in next 5 years?

Answer: APAC is expected to witness highest growth over the forecast period.

Q.8 Do we receive customization in this report?

Answer: Yes, lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the process automation and instrumentation market by instrument (field instruments, and process analyzers), solution (PLC, DCS, SCADA, HMI, Functional Safety, MES), end use industry (oil & gas, chemicals, pulp & paper, pharmaceuticals, metals & mining, food & beverages, energy & power, water & wastewater treatment, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to process automation and instrumentation market or related to process automation and instrumentation companies, process automation and instrumentation market size, process automation and instrumentation market share, process automation and instrumentation market growth, process automation and instrumentation market research, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

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7.5: Rockwell Automation

7.6: Schneider Electric

7.7: Siemens AG

7.8: Yokogawa Electric

7.9: General Electric

7.10: Eaton Corporation

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