

India Process Automation Market Report and Forecast 2025-2034

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Report description:

The India process automation market reached approximately USD 4.42 Billion in 2024. The market is projected to grow at a CAGR of 7.50% between 2025 and 2034, reaching a value of USD 9.11 Billion by 2034.

India Process Automation Market Growth

The manufacturing sector is transforming with the adoption of robotics and automation. The presence of several government initiatives such as Digital India and Make in India campaigns are supporting the adoption of advanced manufacturing technologies in the country. The key segments in India where robotic process automation is being adopted include factory automation in manufacturing and energy sectors, warehouse management through sensors, automated material handling through mobile robots or conveyor systems, and computer numerical control ('CNC') machines.

SCADA is being significantly implemented across the power sector in India. According to the government of India, the replacement and upgradation of SCADA systems will be completed by 2026, at several state load dispatch centres in the country. The government of India is laying out several advanced technologies and regulations to improve grid efficiency, security, and reliability, which include real-time monitoring, cybersecurity improvements, advanced methods for construction and inspection, and predictive maintenance through artificial intelligence.

Significant operations of India's manufacturing sector are located in Tamil Nadu. Both regional and international companies such as TVS, Ashok Leyland, Renault Nissan, BMW, and Hyundai have their production units in the state. The state has been adopting advanced manufacturing processes and also supports the Industry 4.0 initiative by offering analytics capabilities and software solutions.

India Process Automation Industry Segmentation

India Process Automation Market Report and Forecast 2025-2034 offers a detailed analysis of the market based on the following

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segments:

Market Breakup by System Type

- Supervisory Control and Data Acquisition (SCADA)
- Programmable Logic Controller (PLC)
- Distributed Control System (DCS)
- Machine Execution System (MES)
- Valves and Actuators
- Electric Motors
- Human Machine Interface (HMI)
- Process Safety Systems
- Sensors and Transmitters
- Others

Market Breakup by Communication Protocol

- Wired Protocol
- Wireless Protocol

Market Breakup by Application

- Oil and Gas
- Chemicals and Mining
- Consumer Goods
- Pharma and Biotech
- Water and Wastewater
- Automotive
- Power
- Others

Market Breakup by Region

- North India
- East and Central India
- West India
- South India

India Process Automation Market Share

Based on region, the market is divided into North India, East and Central India, West India, and South India. South India is significantly growing supported by the increasing investments by government agencies and private bodies to promote the manufacturing sector, favourable government policies, and the presence of skilled workforce.

Leading Companies in the India Process Automation Market

The market participants are innovating new technologies and incorporating them across different levels in diverse industries to

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improve the overall output and meet the requirements of the growing customer base.

- Robert Bosch GmbH
- Siemens AG
- Schneider Electric SE
- ABB Ltd
- Delta Electronics, Inc.
- Rockwell Automation Inc
- Emerson Electric Co
- Honeywell International Inc
- Mitsubishi Electric Corp
- Yokogawa Electric Corp.
- Others

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