

Europe Industrial Automation Software - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029

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Report description:

The Europe Industrial Automation Software Market size is estimated at USD 21.84 billion in 2024, and is expected to reach USD 32.47 billion by 2029, growing at a CAGR of 8.26% during the forecast period (2024-2029).

Industrial automation helps in reducing the machine hours required for the respective operations, which can be made possible only through robust software.

Key Highlights

- Recent developments in artificial intelligence (AI) and robotics aim to assist, or even completely automate, many clerical and social interaction tasks. Along with industrial robots, the use of service robots is increasing in the fast-developing market of the European region.
- Many of the EU's research & innovation (R&I) programs have constantly supported the development of solutions and technologies that enable the European manufacturing sector to utilize digital opportunities fully. Many of the projects are financed by the Factories of the Future Public-Private Partnership as they cover areas such as digital automation, process optimization of manufacturing assets, simulation and analytics technologies, and ICT innovation for manufacturing SMEs.
- The market in Europe experiences high investments in terms of new developments, partnerships, and acquisitions. Further investment by various regional governments is expected to increase the need for client-based software solutions to meet the rising demands of SMEs and larger organizations.
- The COVID-19 pandemic brought significant adoption of Industry 4.0, which utilizes several smart manufacturing technologies. Digital workflows and automation are no longer goals; they are becoming necessary requirements. IoT devices offered manufacturers a path toward preserving revenue streams during the pandemic. Rising demand for smart manufacturing products and services in response to the public health crisis is expected to drive further growth.

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Europe Industrial Automation Software Market Trends

Launch of Stringent Energy Conservation Standards and the Drive for Local Processing is Driving the Market in Europe

- The growing regulations on energy consumption across the country, with the launch of strict energy conservation standards and the drive for local processing in Europe, are driving the growth of industrial automation software in the region. The increasingly dynamic needs of the industry, demanding complex operations and processes, and the need to reduce machine hours required for a specific operation are also driving the demand for industrial automation software in Europe.
- In May 2022, the European Commission presented details of its plan, the REPowerEU Plan to repower Europe and reduce and end Europe's reliance on Russian fossil fuels. The European Commission aims to make it possible with three pillars of energy conservation, diversifying supplies, and quickly substituting fossil fuels by accelerating Europe's clean energy transition. Such regional initiatives drive the demand for industrial automation in the market studied.
- Moreover, the electricity grid in Germany is struggling to cope with the extent of renewable and distributed energy in the country, and many major power projects are on hold. At the same time, the government has attempted to adapt the grid to the new demands placed upon it. The measures by the four national grid operators to boost power transmission capacity sufficiently add up to a cost of USD 50 billion. This is likely to escalate the usage of PLC to accumulate data and further take successive measures, thereby fueling the market studied.
- Automation software also helps end-user industries in Europe control the overall manufacturing operations and deliver high-quality products with high precision. The effective deployment of automation software minimizes process failures and reduces product failure costs and waste.

Increasing Use of Industrial Automation in the Automotive Sector Positively Impacts the Market

- Smart factory offers the automotive industry opportunities to react faster to market requirements, reduce manufacturing downtimes, enhance the efficiency of supply chains, and expand productivity. The automotive industry is among the prominent sectors that hold a significant share of the world's automated manufacturing facilities.
- The production facilities of various automakers are automated to maintain efficiency. The growing trend of replacing conventional vehicles with EVs is expected to augment the automotive industry's demand further.
- The implantation of industrial control systems software in auto manufacturing plants allows companies to keep real-time track of productivity and quality through the data generated through plant connectivity and provides mitigating actions to the line supervisors and plant executives.
- Moreover, auto assembly witnessed substantial demand employing automation, showing a growth pattern in the number of cars manufactured while simultaneously cutting costs. Furthermore, the smart factory implementation in this sector has increased considerably, creating significant demand for industrial automation software.

Europe Industrial Automation Software Industry Overview

The Europe industrial automation software market is considered a moderately consolidated market with many players. However, a majority share of the market is divided among a few players such as Siemens AG, ABB Ltd., IBM Corporation, Emerson Electric Co., and Rockwell Automation. Innovations in the market require the developers to understand the industrial process better to deliver a suitable solution and drive close collaboration among the stakeholders during development and customization to suit the

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end users' needs.

In April 2022, ABB signed a memorandum of understanding (MOU) with Savannah Resources PLC to explore industrial automation and smart electrification solutions for developing Savannah's Barroso Lithium Project in northern Portugal.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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