

Global Programmable Logic Controllers (PLC) Market 2023

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Abstracts

A programmable logic controller (PLC) is a ruggedized computer used for industrial automation. It functions by continuously monitoring input values from various sensing devices and producing corresponding outputs to control and automate industrial processes. The global PLC market is projected to rise by USD 3.3 billion by 2029, according to the latest market study results. It is anticipated to expand at a CAGR of 3.8 percent during the forecast period. PLCs find extensive applications in industries such as automotive, chemicals and petrochemicals, paper and pulp, food and beverage (F&B), and oil and gas. As these industries grow, the demand for PLCs to automate processes and improve operations increases.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, company share of market leaders, trends and strategies for global PLC market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

Market Segmentation

Component: hardware and software, services

End user: automotive, chemicals, energy and utilities, food and beverages, oil and gas, pharmaceuticals, pulp and paper, water and wastewater treatment, others

Region: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America

Hardware and software: large PLC, medium PLC, nano PLC, small PLC, others (PACs, modular I/Os)

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the component, end user, and region. The global market for PLC can be segmented by component: hardware and software, services. Globally, the hardware and software segment made up the largest share of the PLC market. PLC market is further segmented by end user: automotive, chemicals, energy and utilities, food and beverages, oil and gas, pharmaceuticals, pulp and paper, water and wastewater treatment, others. The food and beverages segment captured the largest share of the market in 2022. Based on region, the PLC market is segmented into: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America. According to the research, Asia-Pacific had the largest share in the global PLC market.

The hardware and software market is further segmented into large PLC, medium PLC, nano PLC, small PLC, others (PACs, modular I/Os). The small PLC segment was the largest contributor to the global PLC market in 2022.

Major Companies and Competitive Landscape

The global PLC market report offers detailed information on several market vendors, including ABB Ltd., Advantech Co., Ltd., ALTUS S.A., Delta Electronics, Inc., Eaton Corporation plc, Emerson Electric Company, Festo Inc., HIMA Paul Hildebrandt GmbH, Hitachi Ltd., HollySys Automation Technologies Ltd., Honeywell International Inc., IDEC Corporation, Lenze SE, LS Electric Co., Ltd., Mitsubishi Electric Corporation, Omron Corporation, Panasonic Corporation, Phoenix Contact GmbH, Robert Bosch GmbH, Rockwell Automation, Inc., Schneider Electric SE, Sharp Manufacturing Systems Corporation, Siemens AG, Toshiba Corporation, Yaskawa Electric Corporation, Yokogawa Electric Corporation, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

Scope of the Report

To analyze and forecast the market size of the global PLC market.

To classify and forecast the global PLC market based on component, end user, region.

To identify drivers and challenges for the global PLC market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global PLC market.

To identify and analyze the profile of leading players operating in the global PLC market.

Why Choose This Report

Gain a reliable outlook of the global PLC market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

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