

Global Programmable Logic Controller (PLC) Market 2023-2029

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Abstracts

A programmable logic controller (PLC) is a type of tiny computer that can receive data through its inputs and send operating instructions through its outputs. Fundamentally, a PLC's job is to control a system's functions using the internal logic programmed into it. PLCs have traditionally been and will continue to be an integral part of automation and control systems in a variety of industries. Their presence is especially strong in fast-paced, discrete applications. The global programmable logic controller market is likely to register a CAGR of over 3.8% with an incremental growth of USD 3.3 billion during the forecast period 2023-2029.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, company share of market leaders, trends and strategies for global programmable logic controller 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.

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 programmable logic controller can be segmented by component: hardware and software, services. Globally, the hardware and software segment made up the largest share of the programmable logic controller market. Programmable logic controller 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 programmable logic controller 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 programmable logic controller 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 programmable logic controller market in 2022.

Market Segmentation

By component: hardware and software, services

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

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

The report also provides a detailed analysis of several leading programmable logic controller market vendors that include 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.

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Scope of the Report

To analyze and forecast the market size of the global programmable logic controller market.

To classify and forecast the global programmable logic controller market based on component, end user, region.

To identify drivers and challenges for the global programmable logic controller market.

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

To identify and analyze the profile of leading players operating in the global programmable logic controller market.

Why Choose This Report

Gain a reliable outlook of the global programmable logic controller 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.

Print authentication provided for the single-user license.

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Emerson Electric Company

Festo Inc.

HIMA Paul Hildebrandt GmbH

Hitachi Ltd.

HollySys Automation Technologies Ltd.

Honeywell International Inc.

IDEC Corporation

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Robert Bosch GmbH

Rockwell Automation, Inc.

Schneider Electric SE

Sharp Manufacturing Systems Corporation

Siemens AG

Toshiba Corporation

Yaskawa Electric Corporation

Yokogawa Electric Corporation

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