

# **Programmable Logic Controller (PLC) Market is estimated to be US\$ 17.76 billion by 2030 with a CAGR of 4.8% during the forecast period**

Global Programmable Logic Controller (PLC) Market accounted for US\$ 11.21 billion in 2020 and is estimated to be US\$ 17.76 billion by 2030 and is anticipated to register a CAGR of 4.8%. The major computing system that regulates automated machines is the Programmable Logic Controller (PLC). The technology also detects and warns the technician to any weaknesses or problems. Because of their small size, PLC systems are preferred over older systems like as relays and switch boxes. Another benefit of PLCs is their multi-functionality, which stems from their programmable nature, which allows them to be utilized for a variety of tasks depending on the application. Hardware, software, and services make up the PLC. The CPU module, the power supply, and the I/O modules are the major components of the PLC's fundamental architecture.

The report " Global Programmable Logic Controller (PLC) Market, By Type (Hardware & Software (Nano PLC, Small PLC, Medium PLC, Large PLC, and Other Types) and Services), By End-user Industry (Food, Tobacco, & Beverage, Automotive, Chemical & Petrochemical, Energy & Utilities, Pharmaceuticals, Pulp & Paper, Oil & Gas, Water & Wastewater Treatment, and Other End-user Industries), and By Region (North America, Europe, Asia Pacific, Latin America, and Middle East & Africa) - Trends, Analysis and Forecast till 2030"

## **Key Highlights:**

- In January 2022, Nordson EFD, a Nordson company (NASDAQ: NDSN) and leading precision fluid dispensing systems manufacturer, introduces the UltimiusPlus-NX fluid dispenser. This fluid dispenser provides Ethernet connection with Transmission Control Protocol / Internet Protocol (TCP/IP) for Smart Factory and Industry 4.0 manufacturing integration. The UltimiusPlus-NX fluid dispenser allows operators to control all dispensing parameters directly from a Programmable Logic Controller (PLC) or other manufacturing plant controller. This saves time by allowing the operator to program multiple fluid dispensers from a centralized location. The ability to download the dispense log data directly to an FTP site improves process documentation.
- In March 2020, ABB Ltd. announced its partnership with B&R Industrial Automation to launch programmable logic controller solutions for a fully integrated machine-centric robotics. The partnership further aims at offering complete software and hardware solutions for sensing & analytics, control, actuation, robotics, and electrification.

## **Analyst View:**

The use of intelligent machine tools to increase productivity is increasing as the industrial manufacturing industry grows. Over the forecast period, the global programmable logic controller (PLC) market is expected to develop due to increased automation in sectors. In addition, the target market is growing due to expanded uses in commercial applications such as elevators, traffic controls, and washing machines. The rising popularity of intelligent machines among consumers has prompted sellers of commercial products, such as washing machines, to include these components in their products, boosting the PLC industry. However, as industrial control software becomes more complicated, efficient and suitable software is required to provide durable, dependable, and reusable software.

To know the upcoming trends and insights prevalent in this market, click the link below:

[https://www.prophecymarketinsights.com/market\\_insight/Global-Programmable-Logic-Controller-PLC-3790](https://www.prophecymarketinsights.com/market_insight/Global-Programmable-Logic-Controller-PLC-3790)

#### **Key Market Insights from the report:**

Global Programmable Logic Controller (PLC) Market accounted for US\$ 11.21 billion in 2020 and is estimated to be US\$ 17.76 billion by 2030 and is anticipated to register a CAGR of 4.8%. Global Programmable Logic Controller (PLC) is segmented into type, end-user industry and region.

- Based on Type, the Global Programmable Logic Controller (PLC) Market is segmented into Hardware & Software (Nano PLC, Small PLC, Medium PLC, Large PLC, and Other Types) and Services.
- Based on End-user Industry, the Global Programmable Logic Controller (PLC) Market is segmented into Food, Tobacco, & Beverage, Automotive, Chemical & Petrochemical, Energy & Utilities, Pharmaceuticals, Pulp & Paper, Oil & Gas, Water & Wastewater Treatment, and Other End-user Industries.
- By Region, the Global Programmable Logic Controller (PLC) Market is segmented into North America, Europe, Asia Pacific, Latin America, and Middle East & Africa.

#### **Competitive Landscape & their strategies of Global Programmable Logic Controller (PLC) Market:**

The key players in the global Programmable Logic Controller (PLC) Market includes ABB Ltd., Mitsubishi Electric Corporation, Rockwell Automation, Siemens AG, Honeywell International Inc., Schneider Electric SE, Omron Corporation, Panasonic Corporation, Robert Bosch GmbH, and Emerson Electric Co. (GE). Prominent players operating in the target market are focusing on the strategic partnerships as well as launching of the products in order to gain competitive edge in the target market.

The market provides detailed information regarding the industrial base, productivity, strengths, manufacturers, and recent trends which will help companies enlarge the businesses and promote financial growth. Furthermore, the report exhibits dynamic factors including segments, sub-

segments, regional marketplaces, competition, dominant key players, and market forecasts. In addition, the market includes recent collaborations, mergers, acquisitions, and partnerships along with regulatory frameworks across different regions impacting the market trajectory. Recent technological advances and innovations influencing the global market are included in the report.

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