

Global Nano Programmable Logic Controllers (PLC) Market 2022-2032 by Component (Hardware, Software, Services), Product Type (Fixed, Modular), Industry Vertical, and Region: Trend Forecast and Growth Opportunity

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Abstracts

Global nano programmable logic controllers (PLC) market will reach \$6.63 billion by 2032, growing by 6.3% annually over 2022-2032, driven by the rising adoption of automation systems in various industries, the growing requirement for compact automation solutions, enhanced efficiency and durability of nano PLCs, and increased need for high-voltage operating devices.

Highlighted with 83 tables and 85 figures, this 166-page report “Global Nano Programmable Logic Controllers (PLC) Market 2022-2032 by Component (Hardware, Software, Services), Product Type (Fixed, Modular), Industry Vertical, and Region: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire global nano programmable logic controllers (PLC) market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2020-2022 and provides forecast from 2023 till 2032 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of global market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify global nano programmable logic controllers (PLC) market in every aspect of the classification from perspectives of Component, Product Type, Industry Vertical, and Region.

Based on Component, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Hardware

Processor

Power Supply

Input/Output

Other Hardware

Software

Motion Control Software

Redundancy Software

Programming Software

Simulation Software

Services

Training

Maintenance

Consulting

Based on Product Type, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Fixed Nano PLC

Modular Nano PLC

By Industry Vertical, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Automotive Industry

Chemicals Industry

Food & Beverage Industry

Oil & Gas Industry

Energy & Power Industry

Home & Building Automation Industry

Pharmaceutical Industry

Water and Wastewater Industry

Other Industry Verticals

Geographically, the following regions together with the listed national/local markets are fully investigated:

North America (U.S., Canada, and Mexico)

Europe (Germany, UK, France, Spain, Italy, Russia, Rest of Europe; Rest of Europe is further segmented into Netherlands, Switzerland, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland)

APAC (Japan, China, South Korea, Australia, India, and Rest of APAC; Rest of APAC is further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

South America (Brazil, Chile, Argentina, Rest of South America)

MEA (UAE, Saudi Arabia, South Africa, and Rest of MEA)

For each region and country, detailed analysis and data of annual revenue (\$ mn) are available for 2022-2032. The breakdown of all regional markets by country and the breakdown of each national market by Component, Product Type, and Industry Vertical over the forecast years are also included.

The report also covers the current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

ABB Ltd.

EMC Automations

General Electric Co.

Hitachi Ltd.

Honeywell International Inc.

IDEC Corporation

InnoVista Sensors

Mitsubishi Electric Corporation

Robert Bosch GmbH

Rockwell Automation Inc.

Schneider Electric SE

Siemens AG

(Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

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