

Global Fixed PLCs Market Research Report 2024(Status and Outlook)

<https://marketpublishers.com/r/G2EA6C6AAAAEEN.html>

Date: December 2024

Pages: 154

Price: US\$ 2,800.00 (Single User License)

ID: G2EA6C6AAAAEEN

Abstracts

Report Overview

Fixed Programmable Logic Controllers (PLCs) are essential components in industrial automation, providing control over machinery and processes in various sectors. These PLCs are designed for specific applications and are not easily reprogrammable, unlike modular PLCs. The market for Fixed PLCs is characterized by its stability and reliability, catering to industries where consistent performance is paramount.

The current market size for Fixed PLCs in 2023 stands at approximately USD 890 million. This figure reflects the steady demand for these controllers in industries such as manufacturing, automotive, and energy. Looking ahead, the market is projected to grow at a Compound Annual Growth Rate (CAGR) of 4.75% from 2024 to 2032. This growth can be attributed to the increasing adoption of automation technologies across industries, driving the demand for reliable control systems like Fixed PLCs.

Several key growth drivers underpin the expansion of the Fixed PLC market. Firstly, the ongoing trend towards Industry 4.0 and smart manufacturing is fueling the demand for automation solutions, including Fixed PLCs. These controllers play a crucial role in optimizing production processes and enhancing operational efficiency. Secondly, the emphasis on predictive maintenance and asset optimization is driving the integration of Fixed PLCs to monitor and control industrial equipment effectively.

Moreover, the market is witnessing a shift towards cloud-based and IIoT-enabled Fixed PLCs, enabling remote monitoring and data analytics for improved decision-making. This trend aligns with the industry's focus on connectivity and data-driven insights to enhance productivity and reduce downtime. Additionally, the increasing focus on

cybersecurity in industrial automation is driving the demand for Fixed PLCs with robust security features to protect critical infrastructure from cyber threats.

In terms of regional market distribution, leading markets for Fixed PLCs include North America, Europe, and Asia Pacific. North America dominates the market due to the presence of key industries such as automotive, aerospace, and pharmaceuticals that extensively use Fixed PLCs for automation. Europe follows closely, driven by the strong manufacturing base in countries like Germany and Italy. Asia Pacific is a rapidly growing market, fueled by the expansion of industrial sectors in countries like China and India.

Regional dominance factors vary, with North America benefiting from technological advancements and high adoption rates of automation solutions. In contrast, Europe's market leadership is attributed to stringent regulatory standards that prioritize automation and safety in industries. Asia Pacific's growth is driven by increasing investments in infrastructure and manufacturing, creating opportunities for Fixed PLC vendors to expand their presence in the region.

Despite the positive outlook, the Fixed PLC market faces challenges such as increasing competition from modular PLCs that offer greater flexibility and scalability. Additionally, the rising complexity of industrial processes demands more advanced control systems, posing a challenge for traditional Fixed PLCs to meet evolving requirements. Vendors in this market need to innovate continuously to address these challenges and stay competitive in a rapidly evolving industrial landscape.

This report provides a deep insight into the global Fixed PLCs market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Fixed PLCs Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers,

consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Fixed PLCs market in any manner.

Global Fixed PLCs Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

ABB

ASCON TECNOLOGIC S.r.l

Baum?ller N?rnberg GmbH

Berghof

Bosch Rexroth

Cannon-Automata

CMZ Sistemi Elettronici Srl

Crouzet

Eaton

Hitachi

Horner APG

KEBA Group AG

Kunbus GmbH

MITSUBISHI

Panasonic

Market Segmentation (by Type)

Key Press

Touchscreen

Others

Market Segmentation (by Application)

Automotive

Power

Industrial

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

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

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Fixed PLCs Market

Overview of the regional outlook of the Fixed PLCs Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each

region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Fixed PLCs Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Fixed PLCs

1.2 Key Market Segments

1.2.1 Fixed PLCs Segment by Type

1.2.2 Fixed PLCs Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 FIXED PLCS MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Fixed PLCs Market Size (M USD) Estimates and Forecasts (2019-2032)

2.1.2 Global Fixed PLCs Sales Estimates and Forecasts (2019-2032)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

2.4 Macroeconomic Analysis

3 FIXED PLCS MARKET COMPETITIVE LANDSCAPE

3.1 Global Fixed PLCs Sales by Manufacturers (2019-2024)

3.2 Global Fixed PLCs Revenue Market Share by Manufacturers (2019-2024)

3.3 Fixed PLCs Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Fixed PLCs Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Fixed PLCs Sales Sites, Area Served, Product Type

3.6 Fixed PLCs Market Competitive Situation and Trends

3.6.1 Fixed PLCs Market Concentration Rate

3.6.2 Global 5 and 10 Largest Fixed PLCs Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 FIXED PLCS INDUSTRY CHAIN ANALYSIS

4.1 Fixed PLCs Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF FIXED PLCS MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Market Restraints

5.5 Industry News

5.5.1 New Product Developments

5.5.2 Mergers & Acquisitions

5.5.3 Expansions

5.5.4 Collaboration/Supply Contracts

5.6 Industry Policies

6 FIXED PLCS MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Fixed PLCs Sales Market Share by Type (2019-2024)

6.3 Global Fixed PLCs Market Size Market Share by Type (2019-2024)

6.4 Global Fixed PLCs Price by Type (2019-2024)

7 FIXED PLCS MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Fixed PLCs Market Sales by Application (2019-2024)

7.3 Global Fixed PLCs Market Size (M USD) by Application (2019-2024)

7.4 Global Fixed PLCs Sales Growth Rate by Application (2019-2024)

8 FIXED PLCS MARKET SALES BY REGION

8.1 Global Fixed PLCs Sales by Region

8.1.1 Global Fixed PLCs Sales by Region

8.1.2 Global Fixed PLCs Sales Market Share by Region

8.2 Global Fixed PLCs Market Size by Region

8.2.1 Global Fixed PLCs Market Size by Region

8.2.2 Global Fixed PLCs Market Size Market Share by Region

8.3 North America

8.3.1 North America Fixed PLCs Sales by Country

8.3.2 North America Fixed PLCs Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe Fixed PLCs Sales by Country

8.4.2 Europe Fixed PLCs Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Russia Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific Fixed PLCs Sales by Region

8.5.2 China

8.5.3 Japan

8.5.4 South Korea

8.5.5 India

8.5.6 Southeast Asia

8.6 Asia Pacific

8.6.1 Asia Pacific Fixed PLCs Market Size by Region

8.6.2 Asia Pacific Fixed PLCs Market Size by Region

8.6.3 China

8.6.4 Japan

8.6.5 South Korea

8.6.6 India

8.6.7 Southeast Asia

8.7 South America

8.7.1 South America Fixed PLCs Sales by Country

8.7.2 South America Fixed PLCs Market Size by Country

8.7.3 Brazil

8.7.4 Argentina

8.7.5 Columbia

8.8 Middle East and Africa

8.8.1 Middle East and Africa Fixed PLCs Sales by Region

8.8.2 Middle East and Africa Fixed PLCs Market Size by Region

8.8.3 Saudi Arabia

- 8.8.4 UAE
- 8.8.5 Egypt
- 8.8.6 Nigeria
- 8.8.7 South Africa

9 FIXED PLCS MARKET PRODUCTION BY REGION

- 9.1 Global Production of Fixed PLCs by Region (2019-2024)
- 9.2 Global Fixed PLCs Revenue Market Share by Region (2019-2024)
- 9.3 Global Fixed PLCs Production, Revenue, Price and Gross Margin (2019-2024)
- 9.4 North America Fixed PLCs Production
 - 9.4.1 North America Fixed PLCs Production Growth Rate (2019-2024)
 - 9.4.2 North America Fixed PLCs Production, Revenue, Price and Gross Margin (2019-2024)
- 9.5 Europe Fixed PLCs Production
 - 9.5.1 Europe Fixed PLCs Production Growth Rate (2019-2024)
 - 9.5.2 Europe Fixed PLCs Production, Revenue, Price and Gross Margin (2019-2024)
- 9.6 Japan Fixed PLCs Production (2019-2024)
 - 9.6.1 Japan Fixed PLCs Production Growth Rate (2019-2024)
 - 9.6.2 Japan Fixed PLCs Production, Revenue, Price and Gross Margin (2019-2024)
- 9.7 China Fixed PLCs Production (2019-2024)
 - 9.7.1 China Fixed PLCs Production Growth Rate (2019-2024)
 - 9.7.2 China Fixed PLCs Production, Revenue, Price and Gross Margin (2019-2024)

10 KEY COMPANIES PROFILE

- 10.1 ABB
 - 10.1.1 ABB Fixed PLCs Basic Information
 - 10.1.2 ABB Fixed PLCs Product Overview
 - 10.1.3 ABB Fixed PLCs Product Market Performance
 - 10.1.4 ABB Business Overview
 - 10.1.5 ABB Fixed PLCs SWOT Analysis
 - 10.1.6 ABB Recent Developments
- 10.2 ASCON TECNOLOGIC S.r.l.
 - 10.2.1 ASCON TECNOLOGIC S.r.l Fixed PLCs Basic Information
 - 10.2.2 ASCON TECNOLOGIC S.r.l Fixed PLCs Product Overview
 - 10.2.3 ASCON TECNOLOGIC S.r.l Fixed PLCs Product Market Performance
 - 10.2.4 ASCON TECNOLOGIC S.r.l Business Overview
 - 10.2.5 ASCON TECNOLOGIC S.r.l Fixed PLCs SWOT Analysis

- 10.2.6 ASCON TECNOLOGIC S.r.l Recent Developments
- 10.3 Baum?ller N?rnberg GmbH
 - 10.3.1 Baum?ller N?rnberg GmbH Fixed PLCs Basic Information
 - 10.3.2 Baum?ller N?rnberg GmbH Fixed PLCs Product Overview
 - 10.3.3 Baum?ller N?rnberg GmbH Fixed PLCs Product Market Performance
 - 10.3.4 Baum?ller N?rnberg GmbH Fixed PLCs SWOT Analysis
 - 10.3.5 Baum?ller N?rnberg GmbH Business Overview
 - 10.3.6 Baum?ller N?rnberg GmbH Recent Developments
- 10.4 Berghof
 - 10.4.1 Berghof Fixed PLCs Basic Information
 - 10.4.2 Berghof Fixed PLCs Product Overview
 - 10.4.3 Berghof Fixed PLCs Product Market Performance
 - 10.4.4 Berghof Business Overview
 - 10.4.5 Berghof Recent Developments
- 10.5 Bosch Rexroth
 - 10.5.1 Bosch Rexroth Fixed PLCs Basic Information
 - 10.5.2 Bosch Rexroth Fixed PLCs Product Overview
 - 10.5.3 Bosch Rexroth Fixed PLCs Product Market Performance
 - 10.5.4 Bosch Rexroth Business Overview
 - 10.5.5 Bosch Rexroth Recent Developments
- 10.6 Cannon-Automata
 - 10.6.1 Cannon-Automata Fixed PLCs Basic Information
 - 10.6.2 Cannon-Automata Fixed PLCs Product Overview
 - 10.6.3 Cannon-Automata Fixed PLCs Product Market Performance
 - 10.6.4 Cannon-Automata Business Overview
 - 10.6.5 Cannon-Automata Recent Developments
- 10.7 CMZ Sistemi Elettronici Srl
 - 10.7.1 CMZ Sistemi Elettronici Srl Fixed PLCs Basic Information
 - 10.7.2 CMZ Sistemi Elettronici Srl Fixed PLCs Product Overview
 - 10.7.3 CMZ Sistemi Elettronici Srl Fixed PLCs Product Market Performance
 - 10.7.4 CMZ Sistemi Elettronici Srl Business Overview
 - 10.7.5 CMZ Sistemi Elettronici Srl Recent Developments
- 10.8 Crouzet
 - 10.8.1 Crouzet Fixed PLCs Basic Information
 - 10.8.2 Crouzet Fixed PLCs Product Overview
 - 10.8.3 Crouzet Fixed PLCs Product Market Performance
 - 10.8.4 Crouzet Business Overview
 - 10.8.5 Crouzet Recent Developments
- 10.9 Eaton

- 10.9.1 Eaton Fixed PLCs Basic Information
- 10.9.2 Eaton Fixed PLCs Product Overview
- 10.9.3 Eaton Fixed PLCs Product Market Performance
- 10.9.4 Eaton Business Overview
- 10.9.5 Eaton Recent Developments
- 10.10 Hitachi
 - 10.10.1 Hitachi Fixed PLCs Basic Information
 - 10.10.2 Hitachi Fixed PLCs Product Overview
 - 10.10.3 Hitachi Fixed PLCs Product Market Performance
 - 10.10.4 Hitachi Business Overview
 - 10.10.5 Hitachi Recent Developments
- 10.11 Horner APG
 - 10.11.1 Horner APG Fixed PLCs Basic Information
 - 10.11.2 Horner APG Fixed PLCs Product Overview
 - 10.11.3 Horner APG Fixed PLCs Product Market Performance
 - 10.11.4 Horner APG Business Overview
 - 10.11.5 Horner APG Recent Developments
- 10.12 KEBA Group AG
 - 10.12.1 KEBA Group AG Fixed PLCs Basic Information
 - 10.12.2 KEBA Group AG Fixed PLCs Product Overview
 - 10.12.3 KEBA Group AG Fixed PLCs Product Market Performance
 - 10.12.4 KEBA Group AG Business Overview
 - 10.12.5 KEBA Group AG Recent Developments
- 10.13 Kunbus GmbH
 - 10.13.1 Kunbus GmbH Fixed PLCs Basic Information
 - 10.13.2 Kunbus GmbH Fixed PLCs Product Overview
 - 10.13.3 Kunbus GmbH Fixed PLCs Product Market Performance
 - 10.13.4 Kunbus GmbH Business Overview
 - 10.13.5 Kunbus GmbH Recent Developments
- 10.14 MITSUBISHI
 - 10.14.1 MITSUBISHI Fixed PLCs Basic Information
 - 10.14.2 MITSUBISHI Fixed PLCs Product Overview
 - 10.14.3 MITSUBISHI Fixed PLCs Product Market Performance
 - 10.14.4 MITSUBISHI Business Overview
 - 10.14.5 MITSUBISHI Recent Developments
- 10.15 Panasonic
 - 10.15.1 Panasonic Fixed PLCs Basic Information
 - 10.15.2 Panasonic Fixed PLCs Product Overview
 - 10.15.3 Panasonic Fixed PLCs Product Market Performance

10.15.4 Panasonic Business Overview

10.15.5 Panasonic Recent Developments

11 FIXED PLCS MARKET FORECAST BY REGION

11.1 Global Fixed PLCs Market Size Forecast

11.2 Global Fixed PLCs Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Fixed PLCs Market Size Forecast by Country

11.2.3 Asia Pacific Fixed PLCs Market Size Forecast by Region

11.2.4 South America Fixed PLCs Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of Fixed PLCs by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)

12.1 Global Fixed PLCs Market Forecast by Type (2025-2032)

12.1.1 Global Forecasted Sales of Fixed PLCs by Type (2025-2032)

12.1.2 Global Fixed PLCs Market Size Forecast by Type (2025-2032)

12.1.3 Global Forecasted Price of Fixed PLCs by Type (2025-2032)

12.2 Global Fixed PLCs Market Forecast by Application (2025-2032)

12.2.1 Global Fixed PLCs Sales (K Units) Forecast by Application

12.2.2 Global Fixed PLCs Market Size (M USD) Forecast by Application (2025-2032)

13 CONCLUSION AND KEY FINDINGS

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