

Global Industrial PROFIBUS Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Industrial PROFIBUS market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

PROFIBUS (Process Field Bus) is a standard for fieldbus communication in automation technology. The history of PROFIBUS goes back to a publicly promoted plan for an association which started in Germany in 1986 and for which 21 companies and institutes devised a master project plan called 'fieldbus'. The goal was to implement and spread the use of a bit-serial field bus based on the basic requirements of the field device interfaces.

There are two variations of PROFIBUS in use today; the most commonly used PROFIBUS DP, and the lesser used, application specific, PROFIBUS PA: PROFIBUS DP (Decentralised Peripherals) is used to operate sensors and actuators via a centralised controller in production (factory) automation applications. The many standard diagnostic options, in particular, are focused on here. PROFIBUS PA (Process Automation) is used to monitor measuring equipment via a process control system in process automation applications. This variant is designed for use in explosion/hazardous areas (Ex-zone 0 and 1). The Physical Layer (i.e. the cable) conforms to IEC 61158-2, which allows power to be delivered over the bus to field instruments, while limiting current flows so that explosive conditions are not created, even if a malfunction occurs.

The Global Info Research report includes an overview of the development of the Industrial PROFIBUS industry chain, the market status of Power Industry (PROFIBUS-PA, PROFIBUS-DP), Oil and Gas Industry (PROFIBUS-PA, PROFIBUS-DP), and key

enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Industrial PROFIBUS.

Regionally, the report analyzes the Industrial PROFIBUS markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Industrial PROFIBUS market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Industrial PROFIBUS market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Industrial PROFIBUS industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the revenue generated, and market share of different by Type (e.g., PROFIBUS-PA, PROFIBUS-DP).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Industrial PROFIBUS market.

Regional Analysis: The report involves examining the Industrial PROFIBUS market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Industrial PROFIBUS market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Industrial PROFIBUS:

Company Analysis: Report covers individual Industrial PROFIBUS players, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Industrial PROFIBUS. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Power Industry, Oil and Gas Industry).

Technology Analysis: Report covers specific technologies relevant to Industrial PROFIBUS. It assesses the current state, advancements, and potential future developments in Industrial PROFIBUS areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Industrial PROFIBUS market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Industrial PROFIBUS market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of value.

Market segment by Type

PROFIBUS-PA

PROFIBUS-DP

Market segment by Application

Power Industry

Oil and Gas Industry

Automotive Industry

Factory Automation

Others

Market segment by players, this report covers

ABB

Emerson Electric

Rockwell Automation

Siemens

Texas Instruments

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

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

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

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

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Industrial PROFIBUS product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Industrial PROFIBUS, with revenue, gross margin and global market share of Industrial PROFIBUS from 2019 to 2024.

Chapter 3, the Industrial PROFIBUS competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024. and Industrial PROFIBUS market forecast, by regions, type and application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Industrial PROFIBUS.

Chapter 13, to describe Industrial PROFIBUS research findings and conclusion.

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