

# **Industrial PROFINET Market Size, Share, and Outlook, 2025 Report- By Application (Controlling Equipment, Monitoring Equipment), By End-User (Manufacturing, Industrial Networking, Others), By Device (Programmable Logic Controller, Distributed Control System, Industrial PC), By Modes of Operation (Generic, Advanced), By Product (I/O Module, Multi I/O Device, Switches, Competence Centre, Others), 2018-2032**

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## **Abstracts**

### **Industrial PROFINET Market Outlook**

The Industrial PROFINET Market size is expected to register a growth rate of 16.3% during the forecast period from \$2.73 Billion in 2025 to \$7.9 Billion in 2032. The Industrial PROFINET market is a thriving business that is poised to keep growing and presents potential growth opportunities for companies across the industry value chain.

The comprehensive market research report presents 12-year historic and forecast data on Industrial PROFINET segments across 22 countries from 2021 to 2032. Key segments in the report include By Application (Controlling Equipment, Monitoring Equipment), By End-User (Manufacturing, Industrial Networking, Others), By Device (Programmable Logic Controller, Distributed Control System, Industrial PC), By Modes of Operation (Generic, Advanced), By Product (I/O Module, Multi I/O Device, Switches, Competence Centre, Others). Over 70 tables and charts showcase findings from our latest survey report on Industrial PROFINET markets.

## Industrial PROFINET Market Insights, 2025

The Industrial PROFINET Market is growing as manufacturers and industries adopt real-time Ethernet-based industrial communication systems for seamless automation. Companies like Siemens, Phoenix Contact, and Belden are leading the market with AI-powered network optimization, cybersecurity-enhanced PROFINET switches, and real-time process control solutions. The increasing use of edge computing-integrated PROFINET, AI-driven predictive network monitoring, and ultra-low latency industrial connectivity is enhancing automation in factories and process industries. However, challenges such as compatibility with legacy systems, cybersecurity risks in connected industrial networks, and the complexity of PROFINET integration remain. Additionally, government policies supporting Industry 4.0 adoption, tax incentives for smart factory automation, and cybersecurity regulations for industrial Ethernet networks are shaping the market.

### Five Trends that will define global Industrial PROFINET market in 2025 and Beyond

A closer look at the multi-million market for Industrial PROFINET identifies rapidly shifting consumer preferences across categories. By focusing on growth and resilience, leading Industrial PROFINET companies are prioritizing their investments across categories, markets, and geographies. The report analyses the most important market trends shaping the new landscape to support better decisions for the long and short-term future. The impact of tariffs by the US administration also significantly impact the profitability of Industrial PROFINET vendors.

### What are the biggest opportunities for growth in the Industrial PROFINET industry?

The Industrial PROFINET sector demonstrated remarkable resilience over the past year across developed and developing economies. Further, the market presents significant opportunities to leverage the existing momentum towards actions by 2032. On the other hand, recent macroeconomic developments including rising inflation and supply chain disruptions are putting pressure on companies. The chapter assists users to identify growth avenues and address business challenges to make informed commercial decisions with unique insights, data forecasts, and in-depth market analyses.

### Industrial PROFINET Market Segment Insights

The Industrial PROFINET industry presents strong offers across categories. The analytical report offers forecasts of Industrial PROFINET industry performance across

segments and countries. Key segments in the industry include%li%By Application (Controlling Equipment, Monitoring Equipment), By End-User (Manufacturing, Industrial Networking, Others), By Device (Programmable Logic Controller, Distributed Control System, Industrial PC), By Modes of Operation (Generic, Advanced), By Product (I/O Module, Multi I/O Device, Switches, Competence Centre, Others). The largest types, applications, and sales channels, fastest growing segments, and the key factors driving each of the categories are included in the report.

Forecasts of each segment across five regions are provided from 2021 through 2032 for Asia Pacific, North America, Europe, South America, Middle East, and African regions. In addition, Industrial PROFINET market size outlook is provided for 22 countries across these regions.

### Market Value Chain

The chapter identifies potential companies and their operations across the global Industrial PROFINET industry ecosystem. It assists decision-makers in evaluating global Industrial PROFINET market fundamentals, market dynamics, and disruptive trends across the value chain segments.

### Scenario Analysis and Forecasts

Strategic decision-making in the Industrial PROFINET industry is multi-faceted with the increased need for planning across scenarios. The report provides forecasts across three case scenarios%li%low growth, reference case, and high growth cases.

### Asia Pacific Industrial PROFINET Market Analysis%li%A Promising Growth Arena for Business Expansion

As companies increasingly expand across promising Asia Pacific markets with over 4.5 billion population, the medium-to-long-term future remains robust. The presence of the fastest-growing economies such as China, India, Thailand, Indonesia, and Vietnam coupled with strengthening middle-class populations and rising disposable incomes drive the market. In particular, China and India are witnessing rapid shifts in consumer purchasing behavior. China is recovering steadily with optimistic forecasts for 2025. Further, Japanese and South Korean markets remain stable with most companies focusing on new product launches and diversification of sales channels.

### The State of Europe Industrial PROFINET Industry 2025%li%Focus on Accelerating

## Competitiveness

As companies opt for an integrated agenda for competitiveness, the year 2025 presents optimistic scenarios for companies across the ecosystem. With signs of economic recovery across markets, companies are increasing their investments. Europe is one of the largest markets for Industrial PROFINET with demand from both Western Europe and Eastern European regions increasing over the medium to long-term future. Increasing omnichannel shopping amidst robust consumer demand for value purchases shapes the market outlook. The report analyses the key Industrial PROFINET market drivers and opportunities across Germany, France, the United Kingdom, Spain, Italy, Russia, and other Europe.

The US Industrial PROFINET market Insights%li%Vendors are exploring new opportunities within the US Industrial PROFINET industry.

Easing inflation coupled with strengthening consumer sentiment is encouraging aggressive actions from the US Industrial PROFINET companies. Market players consistently focusing on innovation and pursuing new ways to create value are set to excel in 2025. In addition, the Canadian and Mexican markets offer lucrative growth pockets for manufacturers and vendors. Focus on private-brand offerings and promotions, diversified sales channels, expansion into niche segments, adoption of advanced technologies, and sustainability are widely observed across the North American Industrial PROFINET market.

Latin American Industrial PROFINET market outlook rebounds in line with economic growth.

Underlying demand remains higher among urban consumers with an optimistic economic outlook across Brazil, Argentina, Chile, and other South and Central American countries. Increased consumer spending has been reported in Q1 -2025 and the prospects remain strong for rest of 2025. Aggressive ecosystem moves to create new sources of income are widely observed across markets in the region. Marketing activities focused on customer insights, operations, and support functions are quickly gaining business growth in the region.

Middle East and Africa Industrial PROFINET Markets%li%New Opportunities for Companies Harnessing Diversity

Rapid growth in burgeoning urban locations coupled with a young and fast-growing

population base is attracting new investments in the Middle East and African Industrial PROFINET markets. Designing expansion and marketing strategies to cater to the local consumer base supports the market prospects. In addition to Nigeria, Algeria, South Africa, and other markets, steady growth markets in Ethiopia, Rwanda, Ghana, Tanzania, the Democratic Republic of Congo, and others present significant prospects for companies. On the other hand, Middle Eastern Industrial PROFINET markets including the UAE, Saudi Arabia, Qatar, and Oman continue to offer lucrative pockets of growth.

## Competitive Landscape%li%How Industrial PROFINET companies outcompete in 2025?

The ability to respond quickly to evolving consumer preferences and adapt businesses to niche consumer segments remains a key growth factor. The report identifies the leading companies in the industry and provides their revenue for 2024. The market shares of each company are also included in the report. Further, business profiles, SWOT analysis, and financial analysis of each company are provided in detail. Key companies analyzed in the report include Analog Devices, Control Corp, Hilscher Solutions, HMS Industrial Networks, Molex, Phoenix Contact, Precision Systems Inc, Real Time Automation, Siemens, Softing.

## Industrial PROFINET Market Segmentation

### By Application

#### Controlling Equipment

#### Monitoring Equipment

### By End-User

#### Manufacturing

#### Industrial Networking

#### Others

### By Device

Programmable Logic Controller

Distributed Control System

Industrial PC

By Modes of Operation

Generic

Advanced

By Product

I/O Module

Multi I/O Device

Switches

Competence Centre

Others

Leading Companies

Analog Devices

Control Corp

Hilscher Solutions

HMS Industrial Networks

Molex

Phoenix Contact

Precision Systems Inc

Real Time Automation

Siemens

Softing

Reasons to Buy the report

Make informed decisions through long and short-term forecasts across 22 countries and segments.

Evaluate market fundamentals, dynamics, and disrupting trends set to shape 2025 and beyond.

Gain a clear understanding of the competitive landscape, with product portfolio and growth strategies.

Get an integrated understanding of the entire market ecosystem and companies.

Stay ahead of the competition through plans for growth in a changing environment for your geographic expansion.

Assess the impact of advanced technologies and identify growth opportunities based on actionable data and insights.

Get free Excel spreadsheet and PPT versions along with the report PDF.

## Contents

### 1. TABLE OF CONTENTS

List of Figures and Tables

### 2. EXECUTIVE SUMMARY

#### 2.1 Key Highlights

2.1.1 Industrial PROFINET Market Size Outlook, 2018-2024 and 2025-2032

2.1.2 Largest Industrial PROFINET Market Types and Applications

2.1.3 Fastest Growing Segments

2.1.4 Potential Markets

2.1.5 Market Concentration

#### 2.2 Market Scope and Segmentation

2.2.1 Market Scope- Segments

2.2.2 Market Scope- Countries

2.2.3 Macroeconomic and Demographic Outlook

2.2.4 Abbreviations

2.2.5 Units and Currency Conversions

### 3. RESEARCH METHODOLOGY

#### 3.1 Primary Research Surveys

#### 3.2 Secondary Data Sources

#### 3.3 Data Triangulation

#### 3.4 Forecast Methodology

#### 3.5 Assumptions and Limitations

### 4. INTRODUCTION TO GLOBAL INDUSTRIAL PROFINET MARKET IN 2025

#### 4.1 Industry Panorama

#### 4.2 Leading Companies Profiled in the Study

#### 4.3 Asia Pacific Markets offer Robust Market Prospects for New Entrants

#### 4.4 Market Dynamics

4.4.1 Market Dynamics- Trends and Drivers

4.4.2 Market Dynamics- Opportunities and Challenges

#### 4.5 Regional Analysis

#### 4.6 Porter's Five Force Analysis



- 4.6.1 Intensity of Competitive Rivalry
- 4.6.2 Threat of New Entrants
- 4.6.3 Threat of Substitutes
- 4.6.4 Bargaining Power of Buyers
- 4.6.5 Bargaining Power of Suppliers
- 4.7 Industrial PROFINET Industry Value Chain Analysis
  - 4.7.1 Stage of Value Chain
  - 4.7.2 Key Activities of Companies
  - 4.7.3 Companies Included in Each Stage
  - 4.7.4 Key Insights

## **5. INDUSTRIAL PROFINET MARKET OUTLOOK TO 2032**

- 5.1 Market Size Forecast by Type, 2021-2024 and 2025-2032
- 5.2 Market Size Forecast by Application, 2021-2024 and 2024-2032
- 5.3 Market Size Forecast by Geography, 2021-2024 and 2024-2032

### **By Application**

**Controlling Equipment**

**Monitoring Equipment**

**By End-User**

**Manufacturing**

**Industrial Networking**

**Others**

**By Device**

**Programmable Logic Controller**

**Distributed Control System**

**Industrial PC**

**By Modes of Operation**

**Generic**

**Advanced**

**By Product**

**I/O Module**

**Multi I/O Device**

**Switches**

**Competence Centre**

**Others**

## **6. GLOBAL INDUSTRIAL PROFINET MARKET OUTLOOK ACROSS GROWTH SCENARIOS**

- 6.1 Low Growth Scenario**
- 6.2 Base/Reference Case**
- 6.3 High Growth Scenario**

## **6. NORTH AMERICA INDUSTRIAL PROFINET MARKET SIZE OUTLOOK**

- 6.1 Key Market Statistics, 2024**
- 6.2 North America Industrial PROFINET Market Trends and Growth Opportunities**
  - 6.2.1 North America Industrial PROFINET Market Outlook by Type**
  - 6.2.2 North America Industrial PROFINET Market Outlook by Application**
- 6.3 North America Industrial PROFINET Market Outlook by Country**
  - 6.3.1 The US Industrial PROFINET Market Outlook, 2021- 2032**
  - 6.3.2 Canada Industrial PROFINET Market Outlook, 2021- 2032**
  - 6.3.3 Mexico Industrial PROFINET Market Outlook, 2021- 2032**

## **7. EUROPE INDUSTRIAL PROFINET MARKET SIZE OUTLOOK**

- 7.1 Key Market Statistics, 2024**
- 7.2 Europe Industrial PROFINET Market Trends and Growth Opportunities**
  - 7.2.1 Europe Industrial PROFINET Market Outlook by Type**
  - 7.2.2 Europe Industrial PROFINET Market Outlook by Application**
- 7.3 Europe Industrial PROFINET Market Outlook by Country**
  - 7.3.2 Germany Industrial PROFINET Market Outlook, 2021- 2032**
  - 7.3.3 France Industrial PROFINET Market Outlook, 2021- 2032**
  - 7.3.4 The UK Industrial PROFINET Market Outlook, 2021- 2032**
  - 7.3.5 Spain Industrial PROFINET Market Outlook, 2021- 2032**
  - 7.3.6 Italy Industrial PROFINET Market Outlook, 2021- 2032**
  - 7.3.7 Russia Industrial PROFINET Market Outlook, 2021- 2032**
  - 7.3.8 Rest of Europe Industrial PROFINET Market Outlook, 2021- 2032**

## **8. ASIA PACIFIC INDUSTRIAL PROFINET MARKET SIZE OUTLOOK**

- 8.1 Key Market Statistics, 2024**
- 8.2 Asia Pacific Industrial PROFINET Market Trends and Growth Opportunities**
  - 8.2.1 Asia Pacific Industrial PROFINET Market Outlook by Type**
  - 8.2.2 Asia Pacific Industrial PROFINET Market Outlook by Application**
- 8.3 Asia Pacific Industrial PROFINET Market Outlook by Country**
  - 8.3.1 China Industrial PROFINET Market Outlook, 2021- 2032**

- 8.3.2 India Industrial PROFINET Market Outlook, 2021- 2032**
- 8.3.3 Japan Industrial PROFINET Market Outlook, 2021- 2032**
- 8.3.4 South Korea Industrial PROFINET Market Outlook, 2021- 2032**
- 8.3.5 Australia Industrial PROFINET Market Outlook, 2021- 2032**
- 8.3.6 South East Asia Industrial PROFINET Market Outlook, 2021- 2032**
- 8.3.7 Rest of Asia Pacific Industrial PROFINET Market Outlook, 2021- 2032**

## **9. SOUTH AMERICA INDUSTRIAL PROFINET MARKET SIZE OUTLOOK**

### **9.1 Key Market Statistics, 2024**

### **9.2 South America Industrial PROFINET Market Trends and Growth Opportunities**

- 9.2.1 South America Industrial PROFINET Market Outlook by Type**
- 9.2.2 South America Industrial PROFINET Market Outlook by Application**

### **9.3 South America Industrial PROFINET Market Outlook by Country**

- 9.3.1 Brazil Industrial PROFINET Market Outlook, 2021- 2032**
- 9.3.2 Argentina Industrial PROFINET Market Outlook, 2021- 2032**
- 9.3.3 Rest of South and Central America Industrial PROFINET Market Outlook, 2021- 2032**

## **10. MIDDLE EAST AND AFRICA INDUSTRIAL PROFINET MARKET SIZE OUTLOOK**

### **10.1 Key Market Statistics, 2024**

### **10.2 Middle East and Africa Industrial PROFINET Market Trends and Growth Opportunities**

- 10.2.1 Middle East and Africa Industrial PROFINET Market Outlook by Type**
- 10.2.2 Middle East and Africa Industrial PROFINET Market Outlook by Application**

### **10.3 Middle East and Africa Industrial PROFINET Market Outlook by Country**

- 10.3.1 Saudi Arabia Industrial PROFINET Market Outlook, 2021- 2032**
- 10.3.2 The UAE Industrial PROFINET Market Outlook, 2021- 2032**
- 10.3.3 Rest of Middle East Industrial PROFINET Market Outlook, 2021- 2032**
- 10.3.4 South Africa Industrial PROFINET Market Outlook, 2021- 2032**
- 10.3.5 Egypt Industrial PROFINET Market Outlook, 2021- 2032**
- 10.3.6 Rest of Africa Industrial PROFINET Market Outlook, 2021- 2032**

## **11. COMPANY PROFILES**

### **11.1 Leading 10 Companies**

#### **Analog Devices**

**Control Corp**  
**Hilscher Solutions**  
**HMS Industrial Networks**  
**Molex**  
**Phoenix Contact**  
**Precision Systems Inc**  
**Real Time Automation**  
**Siemens**  
**Softing**  
**11.2 Overview**  
**11.3 Products and Services**  
**11.4 SWOT Profile**

## **12. APPENDIX**

**12.1 Subscription Options**  
**12.2 Customization Options**  
**12.3 Publisher Details**

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