

# **Industrial Communication Market Size, Share, and Outlook, 2025 Report- By Distribution Channel (Direct, Indirect), By End-User (IT and Telecom, Automotive, Electrical and Electronics, Aerospace and Defense, Oil and Gas, Others), By Communication Protocol (Industrial Ethernet, Wireless, Fieldbus), By Component (Hardware, Software, Services), 2018-2032**

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## **Abstracts**

### **Industrial Communication Market Outlook**

The Industrial Communication Market size is expected to register a growth rate of 6.3% during the forecast period from \$25.17 Billion in 2025 to \$38.6 Billion in 2032. The Industrial Communication 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 Communication segments across 22 countries from 2021 to 2032. Key segments in the report include By Distribution Channel (Direct, Indirect), By End-User (IT and Telecom, Automotive, Electrical and Electronics, Aerospace and Defense, Oil and Gas, Others), By Communication Protocol (Industrial Ethernet, Wireless, Fieldbus), By Component (Hardware, Software, Services). Over 70 tables and charts showcase findings from our latest survey report on Industrial Communication markets.

### **Industrial Communication Market Insights, 2025**

The Industrial Communication Market is evolving with the deployment of AI-powered

industrial Ethernet solutions, automation-enhanced edge computing networks, and machine learning-driven IIoT connectivity platforms to enable seamless factory-floor communication. Companies such as Cisco, Siemens, Belden, and Rockwell Automation are leading with real-time AI-powered industrial network security, blockchain-backed secure machine-to-machine (M2M) communication, and IoT-enabled AI-driven data transfer protocols. The adoption of automation-powered private 5G for industrial automation, AI-enhanced real-time industrial wireless sensor networks, and cloud-native IIoT-enabled predictive communication platforms is reshaping industrial operations. However, interoperability issues in multi-vendor industrial connectivity solutions, cybersecurity risks in AI-powered industrial networks, and challenges in retrofitting legacy industrial communication infrastructure remain obstacles. Additionally, government policies supporting smart manufacturing connectivity, tax benefits for AI-driven industrial network optimization, and evolving FCC regulations on industrial spectrum allocation are influencing market dynamics.

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

A closer look at the multi-million market for Industrial Communication identifies rapidly shifting consumer preferences across categories. By focusing on growth and resilience, leading Industrial Communication 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 Communication vendors.

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

The Industrial Communication 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 Communication Market Segment Insights

The Industrial Communication industry presents strong offers across categories. The

analytical report offers forecasts of Industrial Communication industry performance across segments and countries. Key segments in the industry include%li%By Distribution Channel (Direct, Indirect), By End-User (IT and Telecom, Automotive, Electrical and Electronics, Aerospace and Defense, Oil and Gas, Others), By Communication Protocol (Industrial Ethernet, Wireless, Fieldbus), By Component (Hardware, Software, Services). 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 Communication 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 Communication industry ecosystem. It assists decision-makers in evaluating global Industrial Communication market fundamentals, market dynamics, and disruptive trends across the value chain segments.

### Scenario Analysis and Forecasts

Strategic decision-making in the Industrial Communication 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 Communication 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 Communication 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 Communication 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 Communication market drivers and opportunities across Germany, France, the United Kingdom, Spain, Italy, Russia, and other Europe.

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

Easing inflation coupled with strengthening consumer sentiment is encouraging aggressive actions from the US Industrial Communication 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 Communication market.

Latin American Industrial Communication 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 Communication 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 Communication 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 Communication markets including the UAE, Saudi Arabia, Qatar, and Oman continue to offer lucrative pockets of growth.

Competitive Landscape%li%How Industrial Communication 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 ABB Ltd, Advantech Co. Ltd, Cisco Systems Inc, Huawei Technologies Co. Ltd, Mitsubishi Electric Corp, Omron Corp, Rockwell Automation Inc, Schneider Electric SE, Siemens AG, Texas Instruments Inc.

## Industrial Communication Market Segmentation

### By Distribution Channel

Direct

Indirect

### By End-User

IT and Telecom

Automotive

Electrical and Electronics

Aerospace and Defense

Oil and Gas

Others

By Communication Protocol

Industrial Ethernet

Wireless

Fieldbus

By Component

Hardware

Software

Services

Leading Companies

ABB Ltd

Advantech Co. Ltd

Cisco Systems Inc

Huawei Technologies Co. Ltd

Mitsubishi Electric Corp

Omron Corp

Rockwell Automation Inc

Schneider Electric SE

Siemens AG

Texas Instruments Inc

### 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.

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**Direct**

**Indirect**

**By End-User**

**IT and Telecom**

**Automotive**

**Electrical and Electronics**

**Aerospace and Defense**

**Oil and Gas**

**Others**

**By Communication Protocol**

**Industrial Ethernet**

**Wireless**

**Fieldbus**

**By Component**

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**Software**

**Services**

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**Advantech Co. Ltd**

**Cisco Systems Inc**

**Huawei Technologies Co. Ltd**

**Mitsubishi Electric Corp**

**Omron Corp**

**Rockwell Automation Inc**

**Schneider Electric SE**

**Siemens AG**

**Texas Instruments Inc**

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