

Internet of Robotic Things Market Size, Share, and Outlook, 2025 Report- By Application (Collaborative Industrial Robots, Service Sector), By Platform (Device Management Platform, Application Management Platform, Network Management Platform), By Service (Professional Services, Managed Services), By Software (Real-Time Streaming Analytics, Data Management, Security Solution, Remote Monitoring System, Network Bandwidth Management), By Component (Sensors, Actuators, Control systems, Power source, Others), 2018-2032

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Abstracts

Internet of Robotic Things Market Outlook

The Internet of Robotic Things Market size is expected to register a growth rate of 26.8% during the forecast period from \$24.56 Billion in 2025 to \$129.4 Billion in 2032. The Internet of Robotic Things 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 Internet of Robotic Things segments across 22 countries from 2021 to 2032. Key segments in the report include By Application (Collaborative Industrial Robots, Service Sector), By Platform (Device Management Platform, Application Management Platform, Network Management Platform), By Service (Professional Services, Managed

Services), By Software (Real-Time Streaming Analytics, Data Management, Security Solution, Remote Monitoring System, Network Bandwidth Management), By Component (Sensors, Actuators, Control systems, Power source, Others). Over 70 tables and charts showcase findings from our latest survey report on Internet of Robotic Things markets.

Internet of Robotic Things Market Insights, 2025

The Internet of Robotic Things (IoRT) Market is growing as robots become intelligent, connected, and autonomous through IoT integration. Companies like ABB, Fanuc, and Boston Dynamics are developing AI-driven robotic solutions for manufacturing, logistics, and healthcare. IoRT enables real-time data exchange, predictive maintenance, and autonomous decision-making, reducing operational costs and improving efficiency. Smart warehouses, automated surgical robots, and AI-powered robotic assistants are key applications driving market growth. With advancements in 5G, edge computing, and machine learning, IoRT is set to revolutionize industries by enabling self-optimizing and adaptive robotic systems.

Five Trends that will define global Internet of Robotic Things market in 2025 and Beyond

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

What are the biggest opportunities for growth in the Internet of Robotic Things industry?

The Internet of Robotic Things 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.

Internet of Robotic Things Market Segment Insights

The Internet of Robotic Things industry presents strong offers across categories. The analytical report offers forecasts of Internet of Robotic Things industry performance across segments and countries. Key segments in the industry include%li%By Application (Collaborative Industrial Robots, Service Sector), By Platform (Device Management Platform, Application Management Platform, Network Management Platform), By Service (Professional Services, Managed Services), By Software (Real-Time Streaming Analytics, Data Management, Security Solution, Remote Monitoring System, Network Bandwidth Management), By Component (Sensors, Actuators, Control systems, Power source, 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, Internet of Robotic Things 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 Internet of Robotic Things industry ecosystem. It assists decision-makers in evaluating global Internet of Robotic Things market fundamentals, market dynamics, and disruptive trends across the value chain segments.

Scenario Analysis and Forecasts

Strategic decision-making in the Internet of Robotic Things 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 Internet of Robotic Things 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 Internet of Robotic Things 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 Internet of Robotic Things 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 Internet of Robotic Things market drivers and opportunities across Germany, France, the United Kingdom, Spain, Italy, Russia, and other Europe.

The US Internet of Robotic Things market Insights%li%Vendors are exploring new opportunities within the US Internet of Robotic Things industry.

Easing inflation coupled with strengthening consumer sentiment is encouraging aggressive actions from the US Internet of Robotic Things 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 Internet of Robotic Things market.

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

Competitive Landscape%li%How Internet of Robotic Things 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, Aethon Inc, Amazon.Com Inc, Blufin Robotics Corp, Cisco Systems Inc, Fanuc Corp, Google Inc, Honda Motors Co. Ltd, Intel Corp, Irobot Corp, Kuka Ag, Northrop Grumman Corp, Omron Adept Technologies Inc, Yaskawa Electric Corp.

Internet of Robotic Things Market Segmentation

By Application

Collaborative Industrial Robots

Service Sector

By Platform

Device Management Platform

Application Management Platform

Network Management Platform

By Service

Professional Services

Managed Services

By Software

Real-Time Streaming Analytics

Data Management

Security Solution

Remote Monitoring System

Network Bandwidth Management

By Component

Sensors

Actuators

Control systems

Power source

Others

Leading Companies

ABB Ltd

Aethon Inc

Amazon.Com Inc

Blufin Robotics Corp

Cisco Systems Inc

Fanuc Corp

Google Inc

Honda Motors Co. Ltd

Intel Corp

Irobot Corp

Kuka Ag

Northrop Grumman Corp

Omron Adept Technologies Inc

Yaskawa Electric Corp

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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By Application

Collaborative Industrial Robots

Service Sector

By Platform

Device Management Platform

Application Management Platform

Network Management Platform

By Service

Professional Services

Managed Services

By Software

Real-Time Streaming Analytics

Data Management

Security Solution

Remote Monitoring System

Network Bandwidth Management

By Component

Sensors

Actuators

Control systems

Power source

Others

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Aethon Inc

Amazon.Com Inc

Blufin Robotics Corp

Cisco Systems Inc

Fanuc Corp

Google Inc

Honda Motors Co. Ltd

Intel Corp

Irobot Corp

Kuka Ag

Northrop Grumman Corp

Omron Adept Technologies Inc

Yaskawa Electric Corp

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