

Internet of Things Connectivity Market | Industry Segmentation by Type, Application, Worth USD 32.31 Billion in 2030

*Market Size – USD 5.91 Billion in 2021,
Market Growth – at a CAGR of 24.1%,
Market Trends – Increasing investment in
blockchain technology*

VANCOUVER, BRITISH COLUMBIA,
CANADA, June 29, 2023
/EINPresswire.com/ -- The latest and
updated research report on the Global
[IoT Connectivity Market](#) covers a
comprehensive overview of the IoT
Connectivity market, future economic
condition, competitive landscape
mapping, supply and demand trends,
and production and consumption analysis.



The global Internet of Things (IoT) connectivity market size reached USD 5.91 Billion in 2021 and is expected to register a significantly rapid revenue CAGR during the forecast period, according to the latest analysis by Emergen Research. Rising demand for high-performance computing devices for reducing equipment downtime is one of the major factors expected to continue to drive market revenue growth.

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Increasing demand for optimizing asset and inventory management is a key factor driving IoT connectivity market revenue growth”

EMERGEN RESEARCH

Drivers:

Ethernet is a networking protocol that connects wired Local Area Networks (LANs) and allows devices to communicate with each another. Ethernet can also be used to control data transmission across a LAN. For

example, it specifies how network devices transmit and format data packets so that they can be received, processed, and recognized by other network devices on the same network segment. Users need to physically connect the devices, such as a router and computer, using cables. It is the ideal option for high-speed data download and upload. Furthermore, using an Ethernet

cabling eliminates signal fading issues. In robotics, medicine, and autonomous vehicles, ethernet serves as an essential component in video transmission owing to delivery of high bandwidth and low latency requirements.

Restraints:

IoT technology has a wide range of applications, from collecting biometric data through wearable devices to controlling connected devices through communication networks and cloud technologies. These devices are assigned unique Internet Protocol (IP) addresses, which allow communication and data exchange with other devices and machines. However, as the number of connected devices increase, so does the requirement for data security and privacy. The increased vulnerability is due to a lack of computational capacity for built-in security. Malware infected devices are also commonly used in Denial-of-Service (DDoS) attacks. Hijacked devices can also be used as an attack base to infect additional machines and hide malicious activity, or as an entry point into a corporate network for lateral movement. While organizations may appear to be the more lucrative targets, smart homes are also subject to a surprising number of unforeseen cyberattacks. Cyberattacks on IoT devices can be far more damaging to deal with because of their unique ability to affect both virtual and physical or on-premise and handheld systems. This is especially noticeable in the Industrial Internet of Things (IIoT). In the healthcare industry, for example, IoT devices are used to remotely monitor vital signs of patients. Attacks on such devices can expose sensitive patient health information while also endangering patient health and safety. If the security of home automation systems is breached, hackers can easily monitor users' activity.

Growth Projections:

The global IoT connectivity market is expected to register a CAGR of 24.1% over the forecast period and revenue is projected to increase from USD 5.91 Billion in 2021 to USD 32.31 Billion in 2030. Increasing investments in high-end technologies for streamlining business operations is one of the major factors driving market revenue growth.

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The Global IoT Connectivity Report is a panoramic study of the overall IoT Connectivity market published by Emergen Research and covers a wide-ranging analysis of the technological advancements and product developments in the IoT Connectivity market. The report provides a detailed analysis of the key factors of the IoT Connectivity market that are expected to have a positive impact on the growth of the IoT Connectivity industry.

Key Benefits of the Report:

Comprehensive analysis of the competitive scenario and its changing dynamics

Analytical data with detailed SWOT analysis and Porter's Five Forces analysis
In-depth 8-year analysis of the Global IoT Connectivity Market
Critical understanding of the key market segments
Comprehensive analysis of the drivers, restraints, trends, and opportunities
Detailed regional analysis and extensive company profiling
Extensive assessment of current and emerging trends of the market
Key companies operating in the IoT Connectivity market include:

Huawei Technologies Co., Ltd., Cisco Systems, Inc., AT&T Intellectual Property, Telefónica, Telefonaktiebolaget LM Ericsson, Vodafone Group Plc., Verizon, Orange Business Services, Sierra Wireless, Hologram Inc

The report further studies the key companies operating in the industry and their company profiles, product portfolio, expansion strategies, and strategic alliances such as mergers and acquisitions, collaborations, and joint ventures, among others. It also offers insights into their market reach and global position, along with highlights about their achievements and financial standings.

Browse Full Report with Facts and Figures of IoT Connectivity Market Report @
<https://www.emergenresearch.com/industry-report/iot-connectivity-market>

The report is an investigative study of the technological developments and product advancements, along with a regional analysis for each product and application offered in the market. The fundamental objective of the report is to give an insight into the workings of the IoT Connectivity industry. It provides an accurate and strategic outlook of the market with a thorough assessment of the segments and sub-segments of the market. It provides a panoramic view of the industry to offer a deeper understanding of the global industry.

IoT Connectivity Market Segmentation:

Component Outlook (Revenue, USD Billion; 2019-2030)

Hardware

Software

Services

Application Outlook (Revenue, USD Billion; 2019-2030)

Building & Home Automation

Smart Energy & Utility

Smart Manufacturing

Smart Grid

Smart Retail

Smart Transportation

Others

The report further examines the market in the key regions of the world with regard to production and consumption patterns, import/export, supply and demand ratio, revenue generation, market share and size, and presence of prominent players in the regions. The report also covers the expansion plans undertaken by companies in the regions under the regional analysis section.

Key regions in the market include:

North America

S.

Canada

Europe

K.

Italy

Germany

Asia Pacific

India

Japan

China

Latin America

Chile

Brazil

Argentina

Rest of Latin America

Middle East & Africa

Saudi Arabia

A.E.

Key Questions Addressed in the Report:

Who are the leading players in the IoT Connectivity industry?

Which region is expected to dominate the market in the coming years?

What are the key applications of IoT Connectivity?

Which segment is expected to garner traction during the coming years?

What are the key strategies adopted by leading players in the market?

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