

Global Smart Building IoT Market Size study & Forecast, by Type (Solutions and Services) by Application (Residential, Commercial, Industrial) and Regional Analysis, 2025-2035

<https://marketpublishers.com/r/G85B39A20E3DEN.html>

Date: February 2026

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: G85B39A20E3DEN

Abstracts

The Global Smart Building IoT Market is valued at approximately USD 132.3 billion in 2024 and is projected to expand at a remarkable CAGR of 26.00% over the forecast period 2025-2035. Smart Building IoT integrates advanced sensors, connectivity solutions, and analytics platforms to enhance operational efficiency, optimize energy consumption, improve occupant comfort, and enable predictive maintenance. These solutions and services empower building managers and enterprises to automate systems ranging from HVAC, lighting, and security to environmental monitoring, thereby transforming traditional infrastructures into intelligent, connected ecosystems. Rapid urbanization, increasing investments in energy-efficient infrastructures, and the growing adoption of IoT-enabled technologies are primary growth drivers fueling the market.

The accelerated adoption of IoT-enabled smart building solutions is being further catalyzed by a rising focus on sustainability and digital transformation initiatives across both public and private sectors. According to industry statistics, global building automation adoption reached unprecedented levels in 2023, with enterprises prioritizing connected solutions to reduce operational costs and ensure compliance with environmental standards. Technological advancements, including cloud-based integration, edge computing, and AI-driven analytics, offer lucrative opportunities for market expansion. Nevertheless, high initial implementation costs and interoperability challenges may moderate growth during the forecast horizon of 2025-2035.

The detailed segments and sub-segments included in the report are:

By Type:

Solutions

Services

By Application:

Residential

Commercial

Industrial

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Commercial Applications Expected to Dominate the Market

Commercial buildings are anticipated to capture the largest share within the Smart Building IoT Market due to the high demand for operational efficiency, occupant comfort, and energy savings in corporate offices, retail spaces, and institutional facilities. The adoption of intelligent lighting, HVAC automation, and real-time monitoring

solutions in commercial setups is driving this growth. Residential applications, while significant, are still in the early stages of adoption, with gradual integration of smart home devices and energy management systems. Overall, commercial IoT solutions represent the most mature and revenue-generating segment, while residential deployments are poised for rapid expansion in the coming years.

Solutions Segment Leads in Revenue Contribution

Within the type category, solutions—comprising hardware, software, and integrated platforms—currently generate the highest revenue due to their foundational role in enabling IoT-enabled functionalities across buildings. Services, which include installation, maintenance, and managed solutions, are critical for market penetration but generally contribute smaller shares in terms of immediate revenue. The strong growth of solutions is driven by continuous innovation, increasing enterprise adoption, and the integration of AI and machine learning to enhance predictive capabilities. This delineates a clear distinction: solutions dominate revenue generation, while services complement long-term adoption and operational sustainability.

The key regions considered for the Global Smart Building IoT Market study include North America, Europe, Asia Pacific, Latin America, and the Middle East & Africa. North America held the largest market share in 2025, supported by advanced technological infrastructure, widespread adoption of smart building standards, and government incentives promoting energy-efficient buildings. Europe exhibits stable growth with strong regulatory frameworks and emphasis on sustainability. Asia Pacific is expected to witness the fastest growth due to rapid urbanization, industrialization, and the adoption of smart city initiatives in countries like China, India, and Japan. Latin America and the Middle East & Africa offer incremental opportunities driven by emerging infrastructure developments and increasing awareness of energy management benefits.

Major market players included in this report are:

Siemens AG

Honeywell International Inc.

Schneider Electric SE

Johnson Controls International plc

Cisco Systems, Inc.

ABB Ltd.

IBM Corporation

United Technologies Corporation

Delta Electronics, Inc.

Legrand SA

Bosch Building Technologies

Hitachi, Ltd.

Panasonic Corporation

Emerson Electric Co.

Huawei Technologies Co., Ltd.

Global Smart Building IoT Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period - 2025-2035

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent to up to 8 analysts' working hours) with purchase. Addition or alteration to country,

regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained above.

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of the geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of the competitive structure of the market.

Demand side and supply side analysis of the market.

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