

Global Building Analytics Market Size study & Forecast, by Application (Fault Detection & Monitoring, Energy Management, Security Management, Emergency Management), Component (Software, Services), Deployment Mode (Cloud, On-Premise), Building Type (Manufacturing Facilities, Residential Building, Commercial Buildings) and Regional Forecasts 2025-2035

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Abstracts

The Global Building Analytics Market is valued at approximately USD 11.41 billion in 2024 and is projected to grow at a CAGR of 13.30% over the forecast period 2025-2035. Building analytics refers to the practice of leveraging advanced software and services to monitor, analyze, and optimize building performance across energy usage, security, and operational efficiency. By collecting data from sensors, IoT devices, and management systems, building analytics transforms facilities into intelligent, data-driven ecosystems. Organizations are increasingly deploying these solutions to minimize operational costs, enhance occupant safety, and comply with evolving sustainability regulations. The rising importance of smart buildings in urban development, coupled with global commitments to energy efficiency, is providing significant momentum to market expansion.

Growing awareness of energy conservation and the need for real-time monitoring in modern infrastructure are fueling the adoption of building analytics worldwide. With building operations accounting for nearly 40% of global energy consumption, stakeholders across industries are under immense pressure to reduce energy wastage and carbon footprints. This has propelled demand for analytics platforms that not only

identify inefficiencies but also prescribe actionable strategies for corrective measures. Rapid urbanization, integration of AI and machine learning, and the increasing vulnerability of critical infrastructure to security threats are creating lucrative growth opportunities for solution providers. However, high initial investment costs and a lack of skilled professionals in managing complex systems may challenge market penetration, particularly among small and medium-sized enterprises.

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

By Application:

Fault Detection & Monitoring

Energy Management

Security Management

Emergency Management

By Component:

Software

Services

By Deployment Mode:

Cloud

On-Premise

By Building Type:

Manufacturing Facilities

Residential Building

Commercial Buildings

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Energy Management is Expected to Dominate the Market

Energy management applications are expected to dominate the global building analytics market, primarily due to the surging demand for energy-efficient infrastructure and the tightening of sustainability regulations. Advanced analytics enable facilities managers to track consumption patterns, predict energy demand, and identify opportunities to cut wastage, ensuring cost savings and regulatory compliance. Governments across major economies are introducing stricter green building codes and incentives for sustainable practices, making energy management the cornerstone of building analytics adoption. With climate change targets intensifying, this segment will remain the largest contributor to market growth during the forecast period.

Software Solutions Lead in Revenue Contribution

When analyzed by component, software solutions currently account for the lion's share of market revenue. This dominance is attributed to the ability of advanced software platforms to integrate data from diverse building systems, provide predictive insights,

and support automation at scale. Software enables organizations to centralize fault detection, monitor real-time performance, and deploy AI-driven algorithms for preventive maintenance. While services such as consulting, system integration, and maintenance are expanding steadily, software continues to generate the bulk of revenues, underscoring its role as the backbone of modern building analytics ecosystems.

The key regions considered for the Global Building Analytics Market study include North America, Europe, Asia Pacific, Latin America, and the Middle East & Africa. North America led the market in 2025, driven by the rapid proliferation of smart buildings, stringent energy regulations, and early adoption of IoT-enabled infrastructure in the U.S. and Canada. Europe follows closely, with its strong sustainability agenda and supportive government initiatives such as the European Green Deal accelerating adoption. Meanwhile, Asia Pacific is projected to be the fastest-growing region during the forecast period, fueled by urban expansion, rising energy demand, and heavy investments in smart city initiatives across China, India, and Southeast Asia. Increasing construction of large-scale commercial and residential projects in these economies is further amplifying demand for building analytics solutions.

Major market players included in this report are:

Schneider Electric SE

Siemens AG

Johnson Controls International PLC

Honeywell International Inc.

General Electric Company

ABB Ltd.

IBM Corporation

BuildingIQ Inc.

Engie Insight (Engie SA)

United Technologies Corporation

CopperTree Analytics Inc.

EnergyCAP Inc.

Delta Electronics Inc.

ICONICS Inc.

Eaton Corporation PLC

Global Building Analytics 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 below:

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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