

Global Building Information Modeling (BIM) Market: Current and Future Trends

Market Research Report | 2023-10-11 | 71 pages | BCC Research

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Report description:

Description

Report Scope:

The report provides an overview of the global BIM market and analyzes market trends. This report has segmented the market based on component, deployment, project life cycle, application and region. Using 2022 as the base year, the report provides estimated market data for the forecast period from 2023 to 2028. Revenue forecasts for this period are segmented by component, deployment, project life cycle, application and geographical region. Market values have been estimated based on the total revenue of BIM software and solution providers.

The report covers the market for BIM and the user base across different regions. It also highlights significant trends and challenges that affect the market and the vendor landscape.

The market covers solutions and services related to BIM, which helps lower maintenance costs, environmental, social, governance (ESG), EHS monitoring and energy savings to achieve a net zero carbon footprint. Also, it includes how advanced technologies are integrated with software solutions to monitor, predict and analyze businesses to reduce their carbon footprints. The report excludes the hardware components that significantly contribute to the global BIM market.

Report Includes:

- An overview of the global market for building information modeling (BIM)
- An estimate of the market size, and analyses of global market trends with data from 2022 and 2023, estimates for 2024 and 2026, and projections of compound annual growth rates (CAGRs) through 2028
- An evaluation of the current and future market potential and quantification of the market by component, deployment, project life

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cycle, application, end-user, and region

- Discussions of market opportunities for BIM applications, industry structure and regulatory scenarios
- A look at how BIM enables its users to plan, design and manage building projects more efficiently
- Detailed ESG performance analysis for BIM market, discussion on current status of ESG and carbon footprint and environmental impact in the global BIM market, and government initiatives and regulations
- Discussions of technologies such as paper-based design, modeling software and CAD systems, and how they help in increasing efficiency, productivity, quality, infrastructure value, and sustainability
- A market share analysis of the key companies of the industry and coverage of their proprietary technologies, strategic alliances, and patent activity
- Company profiles of major players within the industry

Executive Summary

Summary:

The introduction of computer software, planning, and modeling for architecture have led to a paradigm shift in the BIM industry in recent years. Improvements in digital design tools, computer-controlled fabrication, connectivity and interconnectedness have opened a new stage of the design and build process. Regional government regulations continue to promote BIM solutions across various industries. Moreover, private organizations are increasingly moving toward BIM and its efficient modeling systems, which is driving growth in the global BIM market.

The global BIM market reached \$REDACTED billion in 2022 and is forecasted to reach \$REDACTED billion by the end of 2028. The market is projected to grow at a CAGR of REDACTED% during the forecast period 2023 to 2028. BIM is projected to be valuable in developing sustainable buildings and correlated systems. Because sustainable design is evolving as a standard requirement and not an exception, the ability of BIM to capture and handle large amounts of data related to the built environment is predicted as an invaluable tool in the construction sector.

The global BIM market has been segmented by component into software and services. Based on deployment, the global BIM market has been segmented into cloud and on-premise. Based on the project life cycle, the global BIM market has been segmented into preconstruction, construction and operation. Based on application, the global BIM market has been segmented into commercial, residential, government and industrial. The global BIM market has been segmented by end user into architects/engineers, contractors, facility managers, academics and others.

By geographical region, the global BIM market has been segmented into North America, Europe, Asia-Pacific and the Rest of the World (RoW). The North America region dominates the global BIM market. In 2022, the North American market reached \$REDACTED billion, which accounts for REDACTED% of the overall market. The presence of leading global companies, robust technology infrastructure, a favorable political and economic environment, a surge in demand for constructional activities and the high adoption of advanced technologies such as AI and the IoT are key factors driving the market in the North American region.

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