

An Overview of the Evolving Landscape for Building Information Modeling Market from 2023 to 2032

Allied Market Research has recently published a comprehensive report on the building information industry, offering a detailed industry analysis.

WILMINGTON, DE, UNITED STATES,
February 17, 2025 /EINPresswire.com/

-- The [building information modeling market report](#) explores essential aspects, including research methodology, market dynamics, key segments, critical insights, growth drivers, investment opportunities, and the competitive landscape. Serving as a vital resource for companies, stakeholders, and new entrants, it provides valuable information to support informed decision-making and business success.



The study forecasts a CAGR of 16% from 2023 to 2032, with a significant revenue of \$34.2 billion by 2032. The market accounted for \$7.9 billion in 2022. Using Porter's Five Forces, it analyzes key factors shaping customer behavior and industry growth.

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Major factors driving the growth of the industry

The industry has experienced significant growth due to increase in usage of building information modeling technology in construction projects by several governments. For instance, the Norwegian government mandates BIM with open standards for public projects to enhance documentation quality and collaboration. Similarly, various U.S. states and local governments have introduced their own BIM requirements. In addition, organizations such as the GSA promote BIM in federal projects, contribute to the growing adoption and expansion of the BIM industry.

Moreover, several construction companies are utilizing digital technologies such as BIM for project planning, resource optimization, and risk management, which is expected to create wider opportunities for the domain in the coming years. In addition, the integration of AR and VR technology with BIM technology is expected to create new possibilities for the industry in the coming years. However, high initial expenditure on BIM technology hinders the growth of the sector.

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Latest use cases of building information modeling technology

The building information modeling sector is rapidly evolving due to surge in application of this technology in the construction sector to enhance efficiency, collaboration, and sustainability. BIM, integrated with AI and IoT, enables promote the smooth implementation of digital twin technology in building construction, enhancing facility management through predictive maintenance and performance monitoring. AI algorithms analyze data from IoT sensors within BIM models to detect deviations, optimize energy usage, and automate issue resolution, ensuring efficient and sustainable building operations.

In addition, AI-powered generative design in BIM automates design optimization, enabling architects to efficiently explore numerous design options. AI algorithms generate various design solutions by setting parameters and constraints, accelerating the design process and fostering innovation in architectural design.

Furthermore, BIM significantly improves off-site construction planning by providing detailed digital models that enhance precision in prefabricated building components. This technology minimizes material waste and reduces construction time by enabling better coordination among stakeholders, streamlining logistics, and ensuring accurate measurements. This leads to more efficient and sustainable building practices.

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Competitive Scenario

The AMR report sheds light on the key companies and their product offerings across the building information modeling industry. Prominent players listed in the study include:

- Nemetschek Group
- Dassault Systemes
- Pentagon Solutions Ltd.
- Autodesk Inc.

- Bentley Systems, Incorporated
- Trimble, Inc.
- AVEVA Group PLC.
- Beck Technology Ltd.,
- Asite Solutions Ltd.,
- HEXAGON AB

If you have any questions, please feel free to contact our analyst at:

<https://www.alliedmarketresearch.com/connect-to-analyst/1075>

In conclusion, the AMR report on the building information modeling industry highlights the essential investment factors and provides valuable insights to help companies enhance their industry position. With in-depth research and key data, the report equips businesses with the knowledge needed to develop effective strategies for sustained growth and success.

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