

BIM in Construction Market Set to Reach USD 7,536.0 Million Forecast by 2027 | Autodesk, Trimble, Vizerra SA

The BIM in construction market size is expected to reach \$7,536.0 million forecast by 2027

PORTLAND, OR, UNITED STATE, June 21, 2023 /EINPresswire.com/ -- The [BIM in Construction Market](#) is a digital representation of a building's physical and functional characteristics, has revolutionized the way construction projects are planned, designed, constructed, and managed. This article explores the significant impact of BIM in the construction market, highlighting its benefits, challenges, and future prospects.



The global BIM in construction market size is expected to reach \$7,536.0 million in 2027, from \$2,514.5 million in 2019, growing at a CAGR of 15.0% from 2020 to 2027.

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Leading market players in the BIM in Construction Market include:

Autodesk Inc., AVEVA Group, Bentley Systems, Hexagon AB, NEMETSCHEK, Oracle Corporation, Procore Technologies, Inc., Trimble, Inc., Vectorworks, Inc., and Vizerra SA.

Building Information Modeling has gained remarkable traction in the construction sector, becoming a vital tool for architects, engineers, contractors, and other industry professionals. Its ability to create a virtual model that encompasses various aspects of a building project, including geometry, spatial relationships, and data, has revolutionized the industry's traditional practices.

One of the key advantages of BIM is its ability to facilitate seamless collaboration and communication among project stakeholders. BIM enables real-time sharing and integration of

information, allowing architects, engineers, contractors, and clients to work together more effectively. This enhanced collaboration minimizes errors, reduces rework, and improves overall project efficiency.

Implementing BIM throughout the project lifecycle can result in significant cost and time savings. BIM facilitates accurate quantity takeoffs, clash detection, and clash resolution during the design phase, minimizing delays and rework during construction. Additionally, the ability to simulate and analyze different construction scenarios helps optimize resources, reduce waste, and enhance project scheduling.

While the benefits of BIM are significant, there are challenges that hinder its widespread adoption. These challenges include the initial cost of implementing BIM technologies, training requirements for stakeholders, and interoperability issues between different BIM software platforms.

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Challenges and Opportunities:

The future of BIM in the construction market is promising. As technology continues to evolve, BIM is expected to integrate with other emerging trends such as Artificial Intelligence (AI), Internet of Things (IoT), and Augmented Reality (AR). This integration will further enhance BIM's capabilities, allowing for more sophisticated simulations, predictive analytics, and enhanced project monitoring.

Building Information Modeling (BIM) has emerged as a game-changer in the construction market, transforming the way projects are planned, designed, and executed. With its ability to improve collaboration, enhance design accuracy, and optimize project efficiency, BIM offers substantial benefits for all stakeholders involved. Although challenges exist, the industry's increasing awareness of BIM's potential and ongoing efforts to address adoption barriers indicate a bright future for this revolutionary technology in the construction industry.

Regional Analysis:

Region-wise, the global BIM in Construction Market analysis is conducted across North America (the U.S., Canada, and Mexico), Europe (UK, France, Germany, Italy, and rest of Europe), Asia-Pacific (China, Japan, India, South Korea, and rest of Asia-Pacific), and LAMEA (Latin America, the Middle East, and Africa). In 2020, Asia-Pacific was the highest contributor to the global BIM in Construction Market share, and LAMEA is anticipated to secure a leading position during the forecast period.

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