

Global Building Information Modeling (BIM) Market: Size, Trend, Share, Opportunity Analysis & Forecast, 2014–2025

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Abstracts

Building information modeling (BIM) is a digital representation of a construction project used by architects, engineers, and other construction professionals. It helps in planning, designing, constructing, operating, and maintaining the diverse physical infrastructure coupled with speedy data exchange among the involved entities. BIM is a computer-aided workflow that utilizes various software, solution, and services to deliver effective planning of construction project. BIM has been popular among end users, owing to its lucrative advantages such as increased return on investments (ROIs), time and money saving. Rapidly increasing number of construction projects globally, rising awareness of BIM & associated benefits, and growing demand for automated models in architecture, engineering, and construction (AEC) industry are the major factors boosting its adoption in the construction industry, especially for commercial and infrastructure projects. Moreover, government mandates regarding the use of BIM in building constructions are expected to boost its adoption worldwide. Global building information modeling market is expected to grow at a CAGR of around 22.0% from 2017 to 2025.

The world BIM market is segmented based on solution, deployment type, end user, industry vertical, and geography. BIM has been increasingly adopted across different verticals including commercial, residential, institutional, industrial, and infrastructure. The adoption rate among commercial and infrastructure has witnessed rapid growth, owing to the stringent government regulations. BIM models are delivered either through cloud or on-premise modes to customers. Cloud-based solutions have gained increased popularity among customers, owing to their cost-effectiveness and ease-of-access over on-premise models. This report analyzes the BIM market on the basis of geography into North America, Europe, Asia-Pacific, and Latin America, Middle East and Africa (LAMEA). Asia-Pacific is projected to be the fastest growing region, owing to the high

adoption of BIM in countries such as China, India, and Japan.

MARKET DYNAMICS:

Drivers:

Enhanced productivity through interoperability

Government mandates for BIM usage

Growing construction industry

Restraints:

High cost of BIM software

Lack of trained professionals

MARKET PLAYERS:

The key players profiled in this report include Beck Technology, Ltd., Autodesk, Inc., Dassault Systemes SA, Trimble Navigation Ltd., Synchro Software Ltd., Pentagon Solutions Ltd., Bentley Systems, Inc., Cadsoft Corporation, Nemetschek AG., and Asite Solutions Limited.

KEY TAKEAWAYS

MARKET LANDSCAPE

By Solution

Software

Service

By Deployment Type

On-premise

Cloud-based

By End User

Architect/Engineer

Contractor

Others (owners and consultants)

By Industry Vertical

Commercial

Residential

Infrastructure

Institutional

Industrial

By Geography

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific

China

Japan

India

Australia

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

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