

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

<https://marketpublishers.com/r/G6BF49AD215EN.html>

Date: February 2017

Pages: 0

Price: US\$ 3,619.00 (Single User License)

ID: G6BF49AD215EN

## 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

## Contents

### 1. EXECUTIVE SUMMARY

- 1.1. Key findings
- 1.2. Market attractiveness and trend analysis
- 1.3. Competitive landscape and recent industry development analysis

### 2. INTRODUCTION

- 2.1. Report description
- 2.2. Scope and definitions
- 2.3. Research methodology

### 3. MARKET LANDSCAPE

- 3.1. Growth drivers
  - 3.1.1. Impact analysis
- 3.2. Restraints and challenges
  - 3.2.1. Impact analysis
- 3.3. Porter's analysis
  - 3.3.1. Bargaining power of buyers
  - 3.3.2. Bargaining power of suppliers
  - 3.3.3. Threat of substitutes
  - 3.3.4. Industry rivalry
  - 3.3.5. Threat of new entrants
- 3.4. Global building information modeling (BIM) market shares analysis, 2014-2025
  - 3.4.1. Global building information modeling market shares by solution, 2014-2025
  - 3.4.2. Global building information modeling market shares by deployment type, 2014-2025
  - 3.4.3. Global building information modeling market shares by end-user, 2014-2025
  - 3.4.4. Global building information modeling market shares by industry vertical, 2014-2025
  - 3.4.5. Global building information modeling market shares by geography, 2014-2025

### 4. GLOBAL BUILDING INFORMATION MODELING (BIM) MARKET BY SOLUTION

- 4.1. Software
  - 4.1.1. Historical market size by region, 2014-2016

4.1.2. Market forecast by region, 2017-2025

4.2. Service

4.2.1. Historical market size by region, 2014-2016

4.2.2. Market forecast by region, 2017-2025

## **5. GLOBAL BUILDING INFORMATION MODELING (BIM) MARKET BY DEPLOYMENT TYPE**

5.1. On-premise

5.1.1. Historical market size by region, 2014-2016

5.1.2. Market forecast by region, 2017-2025

5.2. Cloud-based

5.2.1. Historical market size by region, 2014-2016

5.2.2. Market forecast by region, 2017-2025

## **6. GLOBAL BUILDING INFORMATION MODELING (BIM) MARKET BY END-USER**

6.1. Architect/engineer

6.1.1. Historical market size by region, 2014-2016

6.1.2. Market forecast by region, 2017-2025

6.2. Contractor

6.2.1. Historical market size by region, 2014-2016

6.2.2. Market forecast by region, 2017-2025

6.3. Others (owners and consultants)

6.3.1. Historical market size by region, 2014-2016

6.3.2. Market forecast by region, 2017-2025

## **7. GLOBAL BUILDING INFORMATION MODELING (BIM) MARKET BY INDUSTRY VERTICAL**

7.1. Commercial

7.1.1. Historical market size by region, 2014-2016

7.1.2. Market forecast by region, 2017-2025

7.2. Residential

7.2.1. Historical market size by region, 2014-2016

7.2.2. Market forecast by region, 2017-2025

7.3. Infrastructure

7.3.1. Historical market size by region, 2014-2016

7.3.2. Market forecast by region, 2017-2025

#### 7.4. Institutional

7.4.1. Historical market size by region, 2014-2016

7.4.2. Market forecast by region, 2017-2025

#### 7.5. Industrial

7.5.1. Historical market size by region, 2014-2016

7.5.2. Market forecast by region, 2017-2025

### **8. GLOBAL BUILDING INFORMATION MODELING (BIM) MARKET BY GEOGRAPHY**

#### 8.1. North America

##### 8.1.1. U.S.

8.1.1.1. Historical market size, 2014-2016

8.1.1.2. Market forecast, 2017-2025

##### 8.1.2. Canada

8.1.2.1. Historical market size, 2014-2016

8.1.2.2. Market forecast, 2017-2025

##### 8.1.3. Mexico

8.1.3.1. Historical market size, 2014-2016

8.1.3.2. Market forecast, 2017-2025

#### 8.2. Europe

##### 8.2.1. UK

8.2.1.1. Historical market size, 2014-2016

8.2.1.2. Market forecast, 2017-2025

##### 8.2.2. Germany

8.2.2.1. Historical market size, 2014-2016

8.2.2.2. Market forecast, 2017-2025

##### 8.2.3. France

8.2.3.1. Historical market size, 2014-2016

8.2.3.2. Market forecast, 2017-2025

##### 8.2.4. Spain

8.2.4.1. Historical market size, 2014-2016

8.2.4.2. Market forecast, 2017-2025

##### 8.2.5. Italy

8.2.5.1. Historical market size, 2014-2016

8.2.5.2. Market forecast, 2017-2025

##### 8.2.6. Rest of Europe

8.2.6.1. Historical market size, 2014-2016

8.2.6.2. Market forecast, 2017-2025

### 8.3. Asia-Pacific

#### 8.3.1. China

8.3.1.1. Historical market size, 2014-2016

8.3.1.2. Market forecast, 2017-2025

#### 8.3.2. Japan

8.3.2.1. Historical market size, 2014-2016

8.3.2.2. Market forecast, 2017-2025

#### 8.3.3. India

8.3.3.1. Historical market size, 2014-2016

8.3.3.2. Market forecast, 2017-2025

#### 8.3.4. Australia

8.3.4.1. Historical market size, 2014-2016

8.3.4.2. Market forecast, 2017-2025

#### 8.3.5. South Korea

8.3.5.1. Historical market size, 2014-2016

8.3.5.2. Market forecast, 2017-2025

#### 8.3.6. Rest of Asia-Pacific

8.3.6.1. Historical market size, 2014-2016

8.3.6.2. Market forecast, 2017-2025

### 8.4. LAMEA

#### 8.4.1. Brazil

8.4.1.1. Historical market size, 2014-2016

8.4.1.2. Market forecast, 2017-2025

#### 8.4.2. Saudi Arabia

8.4.2.1. Historical market size, 2014-2016

8.4.2.2. Market forecast, 2017-2025

#### 8.4.3. South Africa

8.4.3.1. Historical market size, 2014-2016

8.4.3.2. Market forecast, 2017-2025

#### 8.4.4. Rest of LAMEA

8.4.4.1. Historical market size, 2014-2016

8.4.4.2. Market forecast, 2017-2025

## 9. COMPANY PROFILES

### 9.1. Beck Technology, Ltd.

#### 9.1.1. Overview

#### 9.1.2. Financials and business segments

#### 9.1.3. Recent developments



- 9.2. Autodesk, Inc.
  - 9.2.1. Overview
  - 9.2.2. Financials and business segments
  - 9.2.3. Recent developments
- 9.3. Dassault Systemes SA
  - 9.3.1. Overview
  - 9.3.2. Financials and business segments
  - 9.3.3. Recent developments
- 9.4. Trimble Navigation Ltd
  - 9.4.1. Overview
  - 9.4.2. Financials and business segments
  - 9.4.3. Recent developments
- 9.5. Synchro Software Ltd.
  - 9.5.1. Overview
  - 9.5.2. Financials and business segments
  - 9.5.3. Recent developments
- 9.6. Pentagon Solutions Ltd.
  - 9.6.1. Overview
  - 9.6.2. Financials and business segments
  - 9.6.3. Recent developments
- 9.7. Bentley Systems, Inc.
  - 9.7.1. Overview
  - 9.7.2. Financials and business segments
  - 9.7.3. Recent developments
- 9.8. Cadsoft Corporation
  - 9.8.1. Overview
  - 9.8.2. Financials and business segments
  - 9.8.3. Recent developments
- 9.9. Nemetschek AG.
  - 9.9.1. Overview
  - 9.9.2. Financials and business segments
  - 9.9.3. Recent developments
- 9.10. Asite Solutions Limited
  - 9.10.1. Overview
  - 9.10.2. Financials and business segments
  - 9.10.3. Recent developments

## List Of Tables

### LIST OF TABLES

Table 1. Building Information Modeling (BIM) Market Share, by Solution, 2014-2025

Table 2. Building Information Modeling (BIM) Market Share, by Deployment Type, 2014-2025

Table 3. Building Information Modeling (BIM) Market Share, by End-User, 2014-2025

Table 4. Building Information Modeling (BIM) Market Share, by Industry Vertical, 2014-2025

Table 5. Building Information Modeling (BIM) Market Share, by Region, 2014-2025

Table 6. Building Information Modeling (BIM) Market Value for Software, by Solution, 2014-2025, \$million

Table 7. Building Information Modeling (BIM) Market Value for Service, by Region, 2017-2025, \$million

Table 8. Building Information Modeling (BIM) Market Value for On-Premise, by Region, 2017-2025, \$million

Table 9. Building Information Modeling (BIM) Market Value for Cloud based, by Region, 2017-2025, \$million

Table 10. Building Information Modeling (BIM) Market Value for Architect/Engineer, by Region, 2017-2025, \$million

Table 11. Building Information Modeling (BIM) Market Value for Contractors, by Region, 2017-2025, \$million

Table 12. Building Information Modeling (BIM) Market Value for Others (owners and consultants), by Region, 2017-2025, \$million

Table 13. Building Information Modeling (BIM) Market Value for Commercial, by Region, 2017-2025, \$million

Table 14. Building Information Modeling (BIM) Market Value for Residential, by Region, 2017-2025, \$million

Table 15. Building Information Modeling (BIM) Market Value for Infrastructure, by Region, 2017-2025, \$million

Table 16. Building Information Modeling (BIM) Market Value for Institutional, by Region, 2017-2025, \$million

Table 17. Building Information Modeling (BIM) Market Value for Industrial, by Region, 2017-2025, \$million

Table 18. Building Information Modeling (BIM) Market Value for North America, by Country, 2014-2025, \$million

Table 19. Building Information Modeling (BIM) Market Value for North America, by Solution, 2014-2025, \$million

Table 20. Building Information Modeling (BIM) Market Value for North America, by Deployment Type, 2014-2025, \$million

Table 21. Building Information Modeling (BIM) Market Value for North America, by End-User, 2014-2025, \$million

Table 22. Building Information Modeling (BIM) Market Value for North America, by Industry Vertical, 2014-2025, \$million

Table 23. Building Information Modeling (BIM) Market Value for Europe, by Country, 2014-2025, \$million

Table 24. Building Information Modeling (BIM) Market Value for Europe, by Solution, 2014-2025, \$million

Table 25. Building Information Modeling (BIM) Market Value for Europe, by Deployment Type, 2014-2025, \$million

Table 26. Building Information Modeling (BIM) Market Value for Europe, by End-User, 2014-2025, \$million

Table 27. Building Information Modeling (BIM) Market Value for Europe, by Industry Vertical, 2014-2025, \$million

Table 28. Building Information Modeling (BIM) Market Value for Asia-Pacific, by Country, 2014-2025, \$million

Table 29. Building Information Modeling (BIM) Market Value for Asia-Pacific, by Solution, 2014-2025, \$million

Table 30. Building Information Modeling (BIM) Market Value for Asia-Pacific, by Deployment Type, 2014-2025, \$million

Table 31. Building Information Modeling (BIM) Market Value for Asia-Pacific, by End-User, 2014-2025, \$million

Table 32. Building Information Modeling (BIM) Market Value for Asia-Pacific, by Industry Vertical, 2014-2025, \$million

Table 33. Building Information Modeling (BIM) Market Value for LAMEA, by Country, 2014-2025, \$million

Table 34. Building Information Modeling (BIM) Market Value for LAMEA, by Solution, 2014-2025, \$million

Table 35. Building Information Modeling (BIM) Market Value for LAMEA, by Deployment Type, 2014-2025, \$million

Table 36. Building Information Modeling (BIM) Market Value for LAMEA, by End-User, 2014-2025, \$million

Table 37. Building Information Modeling (BIM) Market Value for LAMEA, by Industry Vertical, 2014-2025, \$million

Table 38. Beck Technology, Ltd. - Company Snapshot

Table 39. Autodesk, Inc. - Company Snapshot

Table 40. Dassault Systemes SA - Company Snapshot

Table 41. Trimble Navigation Ltd. - Company Snapshot

Table 42. Synchro Software Ltd. - Company Snapshot

Table 43. Pentagon Solutions Ltd. - Company Snapshot

Table 44. Bentley Systems, Inc. - Company Snapshot

Table 45. Cadsoft Corporation - Company Snapshot

Table 46. Nemetschek AG. - Company Snapshot

Table 47. Asite Solutions Limited - Company Snapshot

## List Of Figures

### LIST OF FIGURES

- Figure 1. Building Information Modeling (BIM): Software Market Value, 2014-2016, \$million
- Figure 2. Building Information Modeling (BIM): Service Market Value, 2014-2016, \$million
- Figure 3. Building Information Modeling (BIM): On-Premise Market Value, 2014-2016, \$million
- Figure 4. Building Information Modeling (BIM): Cloud based Market Value, 2014-2016, \$million
- Figure 5. Building Information Modeling (BIM): Architect/Engineer Market Value, 2014-2016, \$million
- Figure 6. Building Information Modeling (BIM): Contractors Market Value, 2014-2016, \$million
- Figure 7. Building Information Modeling (BIM): Others (owners and consultants) Market Value, 2014-2016, \$million
- Figure 8. Building Information Modeling (BIM): Commercial Market Value, 2014-2016, \$million
- Figure 9. Building Information Modeling (BIM): Residential Market Value, 2014-2016, \$million
- Figure 10. Building Information Modeling (BIM): Infrastructure Market Value, 2014-2016, \$million
- Figure 11. Building Information Modeling (BIM): Institutional Market Value, 2014-2016, \$million
- Figure 12. Building Information Modeling (BIM): Industrial Market Value, 2014-2016, \$million
- Figure 13. Building Information Modeling (BIM): U.S. Market Value, 2014-2016, \$million
- Figure 14. Building Information Modeling (BIM): U.S. Market Value, 2017-2025, \$million
- Figure 15. Building Information Modeling (BIM): Canada Market Value, 2014-2016, \$million
- Figure 16. Building Information Modeling (BIM): Canada Market Value, 2017-2025, \$million
- Figure 17. Building Information Modeling (BIM): Mexico Market Value, 2014-2016, \$million
- Figure 18. Building Information Modeling (BIM): Mexico Market Value, 2017-2025, \$million
- Figure 19. Building Information Modeling (BIM): UK Market Value, 2014-2016, \$million

Figure 20. Building Information Modeling (BIM): UK Market Value, 2017-2025, \$million

Figure 21. Building Information Modeling (BIM): Germany Market Value, 2014-2016, \$million

Figure 22. Building Information Modeling (BIM): Germany Market Value, 2017-2025, \$million

Figure 23. Building Information Modeling (BIM): France Market Value, 2014-2016, \$million

Figure 24. Building Information Modeling (BIM): France Market Value, 2017-2025, \$million

Figure 25. Building Information Modeling (BIM): Spain Market Value, 2014-2016, \$million

Figure 26. Building Information Modeling (BIM): Spain Market Value, 2017-2025, \$million

Figure 27. Building Information Modeling (BIM): Italy Market Value, 2014-2016, \$million

Figure 28. Building Information Modeling (BIM): Italy Market Value, 2017-2025, \$million

Figure 29. Building Information Modeling (BIM): Rest of Europe Market Value, 2014-2016, \$million

Figure 30. Building Information Modeling (BIM): Rest of Europe Market Value, 2017-2025, \$million

Figure 31. Building Information Modeling (BIM): China Market Value, 2014-2016, \$million

Figure 32. Building Information Modeling (BIM): China Market Value, 2017-2025, \$million

Figure 33. Building Information Modeling (BIM): Japan Market Value, 2014-2016, \$million

Figure 34. Building Information Modeling (BIM): Japan Market Value, 2017-2025, \$million

Figure 35. Building Information Modeling (BIM): India Market Value, 2014-2016, \$million

Figure 36. Building Information Modeling (BIM): India Market Value, 2017-2025, \$million

Figure 37. Building Information Modeling (BIM): Australia Market Value, 2014-2016, \$million

Figure 38. Building Information Modeling (BIM): Australia Market Value, 2017-2025, \$million

Figure 39. Building Information Modeling (BIM): South Korea Market Value, 2014-2016, \$million

Figure 40. Building Information Modeling (BIM): South Korea Market Value, 2017-2025, \$million

Figure 41. Building Information Modeling (BIM): Rest of Asia-Pacific Market Value, 2014-2016, \$million

Figure 42. Building Information Modeling (BIM): Rest of Asia-Pacific Market Value, 2017-2025, \$million

Figure 43. Building Information Modeling (BIM): Brazil Market Value, 2014-2016, \$million

Figure 44. Building Information Modeling (BIM): Brazil Market Value, 2017-2025, \$million

Figure 45. Building Information Modeling (BIM): Saudi Arabia Market Value, 2014-2016, \$million

Figure 46. Building Information Modeling (BIM): Saudi Arabia Market Value, 2017-2025, \$million

Figure 47. Building Information Modeling (BIM): South Africa Market Value, 2014-2016, \$million

Figure 48. Building Information Modeling (BIM): South Africa Market Value, 2017-2025, \$million

Figure 49. Building Information Modeling (BIM): Rest of LAMEA Market Value, 2014-2016, \$million

Figure 50. Building Information Modeling (BIM): Rest of LAMEA Market Value, 2017-2025, \$million

## **COMPANIES MENTIONED**

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.

## I would like to order

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

Product link: <https://marketpublishers.com/r/G6BF49AD215EN.html>

Price: US\$ 3,619.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G6BF49AD215EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



