

# Global 3D CAD Software Market Size study, by Deployment (Cloud, On-premises), by Application (AEC, Manufacturing, Automotive, Healthcare, Media & Entertainment, Others) and Regional Forecasts 2021-2027

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## Abstracts

Global 3D CAD Software Market is valued at approximately USD 9.5 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 6.5% over the forecast period 2021-2027. Major growth factors for the 3D CAD software market include increased use in the automotive sector, growing focus on additive manufacturing by manufacturers and the introduction of a cloud-based platform for 3D CAD software. Numerous companies are shifting towards cloud-based architecture to increase design flexibility and streamline workflows. For example, in October 2019, PTC acquired a Software as a Service (SaaS) product design platform named Onshape Inc. in order to transition to a cloud-based SaaS platform and attract new customers. Furthermore, growing end-uses of 3D CAD software technology in packaging, automotive, aerospace and manufacturing sector are expected to propel the market forward in coming years. However, lockdowns imposed due to COVID-19 pandemic has slowed down various end-use industries including manufacturing, automation, etc. which has negatively affected the 3D CAD software market. Also, the high cost associated with computer-aided designing may hamper the market growth.

Geographically, North America is dominating the global 3D CAD Software market owing to the US government's support for deploying digitization solution in the manufacturing sector. Also, the presence of major market players is contributing significantly to the region' market growth. Furthermore, Asia Pacific is expected to register the highest CAGR from 2021 to 2027 attributable to the growth of various end-use industries such as engineering, design and development sectors in the region.

Major market player included in this report are:

Autodesk Inc.  
Bentley Systems, Inc.  
Bricsys NV  
Graphisoft  
Hexagon AB  
Oracle  
PTC  
Schott Systeme GmbH  
Siemens  
ZWSOFT Co., Ltd.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Type offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Deployment:

Cloud

On-premises

By Application:

AEC

Manufacturing

Automotive

Healthcare

Media & Entertainment

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France  
Spain  
Italy  
ROE

Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019  
Base year –2020  
Forecast period – 2021 to 2027.

Target Audience of the Global 3D CAD Software Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
  - 1.2.1. 3D CAD Software Market, by Region, 2019-2027 (USD Billion)
  - 1.2.2. 3D CAD Software Market, by Deployment, 2019-2027 (USD Billion)
  - 1.2.3. 3D CAD Software Market, by Application, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL 3D CAD SOFTWARE MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL 3D CAD SOFTWARE MARKET DYNAMICS**

- 3.1. 3D CAD Software Market Impact Analysis (2019-2027)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Growing adoption in the automotive sector
    - 3.1.1.2. Growing end-uses in various industries
  - 3.1.2. Market Challenges
    - 3.1.2.1. COVID-19 impact
    - 3.1.2.2. High costs associated with computer-aided designing
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Increasing investments in R&D

### **CHAPTER 4. GLOBAL 3D CAD SOFTWARE MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers

- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)
- 4.2. PEST Analysis
  - 4.2.1. Political
  - 4.2.2. Economical
  - 4.2.3. Social
  - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL 3D CAD SOFTWARE MARKET, BY DEPLOYMENT**

- 5.1. Market Snapshot
- 5.2. Global 3D CAD Software Market by Deployment, Performance - Potential Analysis
- 5.3. Global 3D CAD Software Market Estimates & Forecasts by Deployment 2018-2027 (USD Billion)
- 5.4. 3D CAD Software Market, Sub Segment Analysis
  - 5.4.1. Cloud
  - 5.4.2. On-premises

## **CHAPTER 6. GLOBAL 3D CAD SOFTWARE MARKET, BY APPLICATION**

- 6.1. Market Snapshot
- 6.2. Global 3D CAD Software Market by Application, Performance - Potential Analysis
- 6.3. Global 3D CAD Software Market Estimates & Forecasts by Application 2018-2027 (USD Billion)
- 6.4. 3D CAD Software Market, Sub Segment Analysis
  - 6.4.1. AEC
  - 6.4.2. Manufacturing
  - 6.4.3. Automotive
  - 6.4.4. Healthcare
  - 6.4.5. Media & Entertainment
  - 6.4.6. Others

## **CHAPTER 7. GLOBAL 3D CAD SOFTWARE MARKET, REGIONAL ANALYSIS**

- 7.1. 3D CAD Software Market, Regional Market Snapshot

- 7.2. North America 3D CAD Software Market
  - 7.2.1. U.S. 3D CAD Software Market
    - 7.2.1.1. Deployment breakdown estimates & forecasts, 2018-2027
    - 7.2.1.2. Application breakdown estimates & forecasts, 2018-2027
  - 7.2.2. Canada 3D CAD Software Market
- 7.3. Europe 3D CAD Software Market Snapshot
  - 7.3.1. U.K. 3D CAD Software Market
  - 7.3.2. Germany 3D CAD Software Market
  - 7.3.3. France 3D CAD Software Market
  - 7.3.4. Spain 3D CAD Software Market
  - 7.3.5. Italy 3D CAD Software Market
  - 7.3.6. Rest of Europe 3D CAD Software Market
- 7.4. Asia-Pacific 3D CAD Software Market Snapshot
  - 7.4.1. China 3D CAD Software Market
  - 7.4.2. India 3D CAD Software Market
  - 7.4.3. Japan 3D CAD Software Market
  - 7.4.4. Australia 3D CAD Software Market
  - 7.4.5. South Korea 3D CAD Software Market
  - 7.4.6. Rest of Asia Pacific 3D CAD Software Market
- 7.5. Latin America 3D CAD Software Market Snapshot
  - 7.5.1. Brazil 3D CAD Software Market
  - 7.5.2. Mexico 3D CAD Software Market
- 7.6. Rest of The World 3D CAD Software Market

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

- 8.1. Top Market Strategies
- 8.2. Company Profiles
  - 8.2.1. Autodesk Inc.
    - 8.2.1.1. Key Information
    - 8.2.1.2. Overview
    - 8.2.1.3. Financial (Subject to Data Availability)
    - 8.2.1.4. Product Summary
    - 8.2.1.5. Recent Developments
  - 8.2.2. Bentley Systems, Inc.
  - 8.2.3. Bricsys NV
  - 8.2.4. Graphisoft
  - 8.2.5. Hexagon AB
  - 8.2.6. Oracle

- 8.2.7. PTC
- 8.2.8. Schott Systeme GmbH
- 8.2.9. Siemens
- 8.2.10. ZWSOFT Co., Ltd.

## **CHAPTER 9. RESEARCH PROCESS**

- 9.1. Research Process
  - 9.1.1. Data Mining
  - 9.1.2. Analysis
  - 9.1.3. Market Estimation
  - 9.1.4. Validation
  - 9.1.5. Publishing
- 9.2. Research Attributes
- 9.3. Research Assumption

## List Of Tables

### LIST OF TABLES

TABLE 1. Global 3D CAD Software Market, report scope

TABLE 2. Global 3D CAD Software Market estimates & forecasts by Region 2018-2027 (USD Billion)

TABLE 3. Global 3D CAD Software Market estimates & forecasts by Deployment 2018-2027 (USD Billion)

TABLE 4. Global 3D CAD Software Market estimates & forecasts by Application 2018-2027 (USD Billion)

TABLE 5. Global 3D CAD Software Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 6. Global 3D CAD Software Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 7. Global 3D CAD Software Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 8. Global 3D CAD Software Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 9. Global 3D CAD Software Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 10. Global 3D CAD Software Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 11. Global 3D CAD Software Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 12. Global 3D CAD Software Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 13. Global 3D CAD Software Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 14. Global 3D CAD Software Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 15. U.S. 3D CAD Software Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 16. U.S. 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 17. U.S. 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 18. Canada 3D CAD Software Market estimates & forecasts, 2018-2027 (USD Billion)



TABLE 19. Canada 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 20. Canada 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 21. UK 3D CAD Software Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 22. UK 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 23. UK 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 24. Germany 3D CAD Software Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 25. Germany 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 26. Germany 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 27. RoE 3D CAD Software Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 28. RoE 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 29. RoE 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 30. China 3D CAD Software Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 31. China 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 32. China 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 33. India 3D CAD Software Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 34. India 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 35. India 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 36. Japan 3D CAD Software Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 37. Japan 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 38. Japan 3D CAD Software Market estimates & forecasts by segment

2018-2027 (USD Billion)

TABLE 39. RoAPAC 3D CAD Software Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 40. RoAPAC 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 41. RoAPAC 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 42. Brazil 3D CAD Software Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 43. Brazil 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 44. Brazil 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 45. Mexico 3D CAD Software Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 46. Mexico 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 47. Mexico 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 48. RoLA 3D CAD Software Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 49. RoLA 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 50. RoLA 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 51. Row 3D CAD Software Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 52. Row 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 53. Row 3D CAD Software Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 54. List of secondary sources, used in the study of global 3D CAD Software Market

TABLE 55. List of primary sources, used in the study of global 3D CAD Software Market

TABLE 56. Years considered for the study

TABLE 57. Exchange rates considered

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global 3D CAD Software Market, research methodology
- FIG 2. Global 3D CAD Software Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global 3D CAD Software Market, key trends 2020
- FIG 5. Global 3D CAD Software Market, growth prospects 2021-2027
- FIG 6. Global 3D CAD Software Market, porters 5 force model
- FIG 7. Global 3D CAD Software Market, pest analysis
- FIG 8. Global 3D CAD Software Market, value chain analysis
- FIG 9. Global 3D CAD Software Market by segment, 2018 & 2027 (USD Billion)
- FIG 10. Global 3D CAD Software Market by segment, 2018 & 2027 (USD Billion)
- FIG 11. Global 3D CAD Software Market by segment, 2018 & 2027 (USD Billion)
- FIG 12. Global 3D CAD Software Market by segment, 2018 & 2027 (USD Billion)
- FIG 13. Global 3D CAD Software Market by segment, 2018 & 2027 (USD Billion)
- FIG 14. Global 3D CAD Software Market, regional snapshot 2018 & 2027
- FIG 15. North America 3D CAD Software Market 2018 & 2027 (USD Billion)
- FIG 16. Europe 3D CAD Software Market 2018 & 2027 (USD Billion)
- FIG 17. Asia pacific 3D CAD Software Market 2018 & 2027 (USD Billion)
- FIG 18. Latin America 3D CAD Software Market 2018 & 2027 (USD Billion)
- FIG 19. Global 3D CAD Software Market, company market share analysis (2020)

## I would like to order

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