

# **Global Computer-Aided Design (CAD) Market: Focus on Product Type (CATIA, SOLIDWORKS, NX and Solid Edge, AutoCAD and AutoCAD LT, Creo and Mathcad, SketchUp, Fusion 360, Vero, and Geomagic), Operating System, and Application - Analysis and Forecast (2018-2028)**

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## **Abstracts**

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The emergence of digitalization of the manufacturing process has led to the increased efficiency of the product development process. Before the era of digitalization, the designs of the prototype were drafted manually which led to the delay in the production time and also involved accuracy issues in the size and dimensions, since they were manually calculated. However, with the introduction of computer-aided design software packages, not only the efficiency of the designing and production process has enhanced but it also led to more creativity in the designs by various engineers and designers. The digitalization of designs has now given the designers the opportunity to explore and innovate their products in multiple end-user industries such as automotive, healthcare, electronics and electricals, among others.

The global computer-aided design market is estimated to witness growth at a CAGR of 6.35% over the period of 2018 to 2028. This growth in the market is attributed to the increasing demand from various end-use application verticals such as automotive industry, aerospace and defense industry, building and construction industry, industrial machinery industry, electronics and electricals industry, among others.

The report is a compilation of different segments of the global computer-aided design

market, including market breakdown by product type, technology type, operating systems, application, geographical areas. Herein, the revenue generated from the product types (CATIA, NX and Solid Edge, SOLIDWORKS, Fusion 360 and others), technology types (2D-Design and 3D-Design), operating systems (macOS, Windows, UNIX and Linux), application (automotive, aerospace and defense, building and construction, electronics and electricals and others) and geographies (North America, Europe, Asia-Pacific, Middle East and Africa, and South America) are tracked to calculate the overall market size in terms of value (\$million). While highlighting the key driving and restraining forces for this market, the report also provides a detailed summary of the global computer-aided design market. It also includes the key participants involved in the industry at the relevant sections.

Key questions answered in the report:

What is the global computer-aided design market size in terms of value (\$million) from 2016-2028 along with the year-on-year growth rates and the CAGR from 2018 to 2028?

What are the different product types of computer-aided design software packages and their growth pattern in terms of value in different regions and countries?

What are the different technology and operating systems on which the computer-aided design software packages are used across all industries and their growth pattern in terms of value in different regions and countries?

What are the major end-user industries for computer-aided design software packages globally in terms of revenue generation?

What is the consumption pattern of the computer-aided design software packages across end users in different regions and countries?

Which are the major regions and countries that provide growth opportunities for the computer-aided design market?

What is the competitive strength of the key players in the computer-aided design market on the basis of their recent developments, product offerings and regional presence?

Who are the key players (along with their detailed analysis and profiles including their financials, company snapshots, key products and services, and SWOT analysis) in the market?

The report further includes a thorough analysis of the impact of the Porter's Five Forces to understand the overall attractiveness of the industry. The most commonly used strategy for developing a better hold on the market has been product launches between the period August 2014 to December 2018. Moreover, the company profile section highlights significant information about the key companies involved along with their financial positions, key strategies, and developmental activities of recent years.

Further, the report includes an exhaustive analysis of the geographical split into North America, Europe, Asia-Pacific (APAC), Middle East & Africa, and South America. Each geography details the individual push and pull forces in addition to the key players from that region. This report is a meticulous compilation of research on more than 100 players in the global computer-aided design market and draws upon the insights from in-depth interviews with the key opinion leaders of more than 50 leading companies, market participants, and vendors. The report also profiles approximately 15 supplier profiles with their financial analysis, SWOT, and product portfolio.

The companies profiled in the report are 3D Systems Corporation, Autodesk Inc., AVEVA Group plc, Dassault Systèmes, Hexagon AB, NEMETSCHEK SE, PTC Inc., Siemens Product Lifecycle Management Software Inc., TRIMBLE INC., Advanced Computer Solutions Limited, BENTLEY SYSTEMS, INCORPORATED, BobCAD-CAM, Inc., Bricsys NV, Kubotek3D, and Robert McNeel & Associates.

## Contents

### EXECUTIVE SUMMARY

### 1 MARKET DYNAMICS

#### 1.1 Market Drivers

- 1.1.1 Increase in the Usage of 3D Printing Technology
- 1.1.2 Digitalization Over Manual Drafting
- 1.1.3 Data Management with Cloud Synchronization
- 1.1.4 Role of Inspection Agencies and Government Initiatives in Product Development Process

#### 1.2 Market Restraints

- 1.2.1 Lack of Interoperability of CAD Software
- 1.2.2 Threat of Security Owing to Piracy Issues
- 1.2.3 Expensive CAD Software Packages Due to Perpetual Licensing

#### 1.3 Market Opportunities

- 1.3.1 4D CAD Software
- 1.3.2 Opportunity in Dental Industry
- 1.3.3 Rise in R&D Investments in End-User Industries
- 1.3.4 Growth of Emerging Economies
- 1.3.5 Advancement of Haptic Tools

#### 1.4 Trends

- 1.4.1 Internet of Things (IoT)
- 1.4.2 Mobile Access

### 2 COMPETITIVE LANDSCAPE

#### 2.1 Key Market Developments and Strategies

- 2.1.1 Partnerships, Collaborations, and Joint Ventures
- 2.1.2 Product Launches
- 2.1.3 Mergers and Acquisitions
- 2.1.4 Business Expansions
- 2.1.5 Other Key Activities (Investment and Awards)

#### 2.2 Market Share Analysis

### 3 INDUSTRY ANALYSIS

#### 3.1 Supply Chain

3.2 Global CAD Market Ecosystem Analysis

3.3 Opportunity Matrix Analysis (by Region)

#### **4 GLOBAL COMPUTER-AIDED DESIGN (CAD) MARKET (BY PRODUCT TYPE), \$MILLION, 2016-2028**

4.1 Assumptions and Limitations

4.1.1 Assumptions

4.1.2 Limitations

4.2 Market Overview

4.3 CATIA

4.4 NX and Solid Edge

4.5 SOLIDWORKS

4.6 AutoCAD and AutoCAD LT

4.7 Creo and Mathcad

4.8 Autodesk Inventor

4.9 Fusion

4.10 Vero

4.11 SketchUp

4.12 Geomagic

4.13 Others

#### **5 GLOBAL COMPUTER-AIDED DESIGN MARKET (BY APPLICATION), \$MILLION, 2016-2028**

5.1 Market Overview

5.2 Automotive Industry

5.3 Aerospace and Defense

5.4 Building and Construction

5.5 Industrial Machinery

5.6 Electrical and Electronics

5.7 Pharmaceuticals and Healthcare

5.8 Others

#### **6 GLOBAL COMPUTER-AIDED DESIGN (CAD) MARKET (BY TECHNOLOGY TYPE), \$MILLION, 2016-2028**

6.1 Market Overview

6.2 3D-Design

## 6.3 2D-Design

## **7 GLOBAL COMPUTER-AIDED DESIGN (CAD) MARKET (BY OPERATING SYSTEM), \$MILLION, 2016-2028**

### 7.1 Market Overview

### 7.2 Windows Operating Systems

### 7.3 macOS

### 7.4 UNIX

### 7.5 Linux

## **8 COMPUTER-AIDED-DESIGN (CAD) MARKET (BY REGION), \$MILLION, 2016-2028**

### 8.1 Market Overview

### 8.2 North America

#### 8.2.1 North America Computer-Aided Design (CAD) Market (by Product Type)

#### 8.2.2 North America Computer-Aided Design (CAD) Market (by Application)

#### 8.2.3 North America Computer-Aided Design (CAD) Market (by Country)

##### 8.2.3.1 The U.S.

###### 8.2.3.1.1 The U.S. Computer-Aided Design (CAD) Market (by Product Type)

###### 8.2.3.1.2 The U.S. Computer-Aided Design (CAD) Market (by Application)

###### 8.2.3.1.3 The U.S. Computer-Aided Design (CAD) Market (by Technology Type)

##### 8.2.3.2 Canada

###### 8.2.3.2.1 Canada Computer-Aided Design (CAD) Market (by Product Type)

###### 8.2.3.2.2 Canada Computer-Aided Design (CAD) Market (by Application)

###### 8.2.3.2.3 Canada Computer-Aided Design (CAD) Market (by Technology Type)

##### 8.2.3.3 Mexico

###### 8.2.3.3.1 Mexico Computer-Aided Design (CAD) Market (by Application)

###### 8.2.3.3.2 Mexico Computer-Aided Design (CAD) Market (by Technology Type)

### 8.3 Europe

#### 8.3.1 Europe Computer-Aided Design (CAD) Market (by Product Type)

#### 8.3.2 Europe Computer-Aided Design (CAD) Market (by Application)

#### 8.3.3 Europe Computer-Aided Design (CAD) Market (by Country)

##### 8.3.3.1 Germany

###### 8.3.3.1.1 Germany Computer-Aided Design (CAD) Market (by Product Type)

###### 8.3.3.1.2 Germany Computer-Aided Design (CAD) Market (by Application)

###### 8.3.3.1.3 Germany Computer-Aided Design (CAD) Market (by Technology Type)

##### 8.3.3.2 The U.K.

###### 8.3.3.2.1 U.K. Computer-Aided Design (CAD) Market (by Product Type)

8.3.3.2.2 U.K. Computer-Aided Design (CAD) Market (by Application)

8.3.3.2.3 U.K. Computer-Aided Design (CAD) Market (by Technology Type)

8.3.3.3 France

8.3.3.3.1 France Computer-Aided Design (CAD) Market (by Application)

8.3.3.3.2 France Computer-Aided Design (CAD) Market (by Technology Type)

8.3.3.4 Italy

8.3.3.4.1 Italy Computer-Aided Design (CAD) Market (by Application)

8.3.3.4.2 Italy Computer-Aided Design (CAD) Market (by Technology Type)

8.3.3.5 Russia

8.3.3.5.1 Russia Computer-Aided Design (CAD) Market (by Application)

8.3.3.5.2 Russia Computer-Aided Design (CAD) Market (by Technology Type)

8.3.3.6 Rest-of-Europe

8.3.3.6.1 Rest-of-Europe Computer-Aided Design (CAD) Market (by Application)

8.3.3.6.2 Rest-of-Europe Computer-Aided Design (CAD) Market (by Technology

Type)

8.4 Asia-Pacific

8.4.1 Asia-Pacific Computer-Aided Design (CAD) Market (by Product Type)

8.4.2 Asia-Pacific Computer-Aided Design (CAD) Market (by Application)

8.4.3 Asia-Pacific Computer-Aided Design (CAD) Market (by Country)

8.4.3.1 China

8.4.3.1.1 China Computer-Aided Design (CAD) Market (by Product Type)

8.4.3.1.2 China Computer-Aided Design (CAD) Market (by Application)

8.4.3.1.3 China Computer-Aided Design (CAD) Market (by Technology Type)

8.4.3.2 Japan

8.4.3.2.1 Japan Computer-Aided Design (CAD) Market (by Application)

8.4.3.2.2 Japan Computer-Aided Design (CAD) Market (by Technology Type)

8.4.3.3 South Korea

8.4.3.3.1 South Korea Computer-Aided Design (CAD) Market (by Application)

8.4.3.3.2 South Korea Computer-Aided Design (CAD) Market (by Technology Type)

8.4.3.4 India

8.4.3.4.1 India Computer-Aided Design (CAD) Market (by Product Type)

8.4.3.4.2 India Computer-Aided Design (CAD) Market (by Application)

8.4.3.4.3 India Computer-Aided Design (CAD) Market (by Technology Type)

8.4.3.5 Australia and New Zealand (ANZ)

8.4.3.5.1 Australia and New Zealand Computer-Aided Design (CAD) Market (by Application)

8.4.3.5.2 Australia and New Zealand Computer-Aided Design (CAD) Market (by Technology Type)

8.4.3.6 Rest-of-Asia-Pacific



8.4.3.6.1 Rest-of-Asia-Pacific Computer-Aided Design (CAD) Market (by Application)

8.4.3.6.2 Rest-of-Asia-Pacific Computer-Aided Design (CAD) Market (by Technology Type)

8.5 Middle East and Africa (MEA)

8.5.1 Middle East and Africa Computer-Aided Design (CAD) Market (by Product Type)

8.5.2 Middle East and Africa Computer-Aided Design (CAD) Market (by Application)

8.5.3 Middle East and Africa Computer-Aided Design Market (by Country)

8.5.3.1 Saudi Arabia

8.5.3.1.1 Saudi Arabia Computer-Aided Design (CAD) Market (by Application)

8.5.3.1.2 Saudi Arabia Computer-Aided Design (CAD) Market (by Technology Type)

8.5.3.2 South Africa

8.5.3.2.1 South Africa Computer-Aided Design (CAD) Market (by Application)

8.5.3.2.2 South Africa Computer-Aided Design (CAD) Market (by Technology Type)

8.5.3.3 U.A.E

8.5.3.3.1 U.A.E. Computer-Aided Design (CAD) Market (by Application)

8.5.3.3.2 U.A.E. Computer-Aided Design (CAD) Market (by Technology Type)

8.5.3.4 Rest-of-MEA

8.5.3.4.1 Rest-of-MEA Computer-Aided Design (CAD) Market (by Application)

8.5.3.4.2 Rest-of-MEA Computer-Aided Design (CAD) Market (by Technology Type)

8.6 South America

8.6.1 South America Computer-Aided Design (CAD) Market (by Product Type)

8.6.2 South America Computer-Aided Design (CAD) Market (by Application)

8.6.3 South America Computer-Aided Design Market (by Country)

8.6.3.1 Brazil

8.6.3.1.1 Brazil Computer-Aided Design (CAD) Market (by Application)

8.6.3.1.2 Brazil Computer-Aided Design (CAD) Market (by Technology Type)

8.6.3.2 Argentina

8.6.3.2.1 Argentina Computer-Aided Design (CAD) Market (by Application)

8.6.3.2.2 Argentina Computer-Aided Design (CAD) Market (by Technology Type)

8.6.3.3 Colombia

8.6.3.3.1 Colombia Computer-Aided Design (CAD) Market (by Application)

8.6.3.3.2 Colombia Computer-Aided Design (CAD) Market (by Technology Type)

8.6.3.4 Rest-of-South-America

8.6.3.4.1 Rest-of-South America Computer-Aided Design (CAD) Market (by Application)

8.6.3.4.2 Rest-of-South America Computer-Aided Design (CAD) Market (by Technology Type)



## **9 COMPANY PROFILES**

### **9.1 Overview**

### **9.2 3D Systems Corporation**

#### **9.2.1 Company Overview**

#### **9.2.2 Product Portfolio**

#### **9.2.3 Financials**

#### **9.2.4 Financial Summary**

#### **9.2.5 SWOT Analysis**

### **9.3 Advanced Computer Solutions Limited**

#### **9.3.1 Company Overview**

#### **9.3.2 Product Portfolio**

#### **9.3.3 Corporate Summary**

#### **9.3.4 SWOT Analysis**

### **9.4 Autodesk Inc.**

#### **9.4.1 Company Overview**

#### **9.4.2 Product Portfolio**

#### **9.4.3 Financials**

#### **9.4.4 Financial Summary**

#### **9.4.5 SWOT Analysis**

### **9.5 AVEVA Group plc**

#### **9.5.1 Company Overview**

#### **9.5.2 Product Portfolio**

#### **9.5.3 Financials**

#### **9.5.4 Financial Summary**

#### **9.5.5 SWOT Analysis**

### **9.6 BENTLEY SYSTEMS, INCORPORATED**

#### **9.6.1 Company Overview**

#### **9.6.2 Product Portfolio**

#### **9.6.3 Corporate Summary**

#### **9.6.4 SWOT Analysis**

### **9.7 BobCAD-CAM, Inc.**

#### **9.7.1 Company Overview**

#### **9.7.2 Product Portfolio**

#### **9.7.3 Corporate Summary**

#### **9.7.4 SWOT Analysis**

### **9.8 Bricsys NV**

#### **9.8.1 Company Overview**

#### **9.8.2 Product Portfolio**

- 9.8.3 Corporate Summary
- 9.8.4 SWOT Analysis
- 9.9 Dassault Syst?mes
  - 9.9.1 Company Overview
  - 9.9.2 Product Portfolio
  - 9.9.3 Financials
  - 9.9.4 Financial Summary
  - 9.9.5 SWOT Analysis
- 9.10 Hexagon AB
  - 9.10.1 Company Overview
  - 9.10.2 Product Portfolio
  - 9.10.3 Financials
  - 9.10.4 Financial Summary
  - 9.10.5 SWOT Analysis
- 9.11 Kubotek3D
  - 9.11.1 Company Overview
  - 9.11.2 Product Portfolio
  - 9.11.3 Corporate Summary
  - 9.11.4 SWOT Analysis
- 9.12 NEMETSCHEK SE
  - 9.12.1 Company Overview
  - 9.12.2 Product Portfolio
  - 9.12.3 Financials
  - 9.12.4 Financial Summary
  - 9.12.5 SWOT Analysis
- 9.13 PTC Inc.
  - 9.13.1 Company Overview
  - 9.13.2 Product Portfolio
  - 9.13.3 Financials
  - 9.13.4 Financial Summary
  - 9.13.5 SWOT Analysis
- 9.14 Robert McNeel & Associates
  - 9.14.1 Company Overview
  - 9.14.2 Product Portfolio
  - 9.14.3 Corporate Summary
  - 9.14.4 SWOT Analysis
- 9.15 Siemens Product Lifecycle Management Software Inc.
  - 9.15.1 Company Overview
  - 9.15.2 Product Portfolio

9.15.3 Financials

9.15.4 Financial Summary

9.15.5 SWOT Analysis

9.16 TRIMBLE INC.

9.16.1 Company Overview

9.16.2 Product Portfolio

9.16.3 Financials

9.16.4 Financial Summary

9.16.5 SWOT Analysis

## **10 REPORT SCOPE AND METHODOLOGY**

10.1 Report Scope

10.2 Global CAD Market Research Methodology

10.2.1 Assumptions

10.2.2 Limitations

10.2.3 Primary Data Sources

10.2.4 Secondary Data Sources

10.2.5 Data Triangulation

10.2.6 Market Estimation and Forecast

## List Of Tables

### LIST OF TABLES

Table 1.1: Impact Analysis of Drivers

Table 1.2: Impact Analysis of Restraints

Table 3.1: Comprehensive List of Players Operating in the Computer-Aided Technology Market

Table 4.1: Global Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Table 4.2: Comparison between SketchUp Make and SketchUp Pro

Table 5.1: Global Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 6.1: Global Computer-Aided Design (CAD) Market (by Technology Type), \$Billion, 2016-2028

Table 7.1: Global Computer-Aided Design (CAD) Market (by Operating System), \$Million, 2016-2028

Table 8.1: Computer-Aided Design (CAD) Market (by Region), \$Million, 2016-2028

Table 8.2: North America Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Table 8.3: North America Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 8.4: North America Computer-Aided Design (CAD) Market (by Country), \$Million, 2016-2028

Table 8.5: The U.S. Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Table 8.6: The U.S. Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 8.7: The U.S. Computer-Aided Design (CAD) Market (by Technology Type), \$Million, 2016-2028

Table 8.8: Canada Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Table 8.9: Canada Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 8.10: Canada Computer-Aided Design (CAD) Market (by Technology Type), \$Million, 2016-2028

Table 8.11: Mexico Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 8.12: Mexico Computer-Aided Design (CAD) Market (by Technology Type),

*Global Computer-Aided Design (CAD) Market: Focus on Product Type (CATIA, SOLIDWORKS, NX and Solid Edge, AutoCA...*

\$Million, 2016-2028

Table 8.13: Europe Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Table 8.14: Europe Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 8.15: Europe Computer-Aided Design (CAD) Market (by Country), \$Million, 2016-2028

Table 8.16: Germany Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Table 8.17: Germany Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 8.18: Germany Computer-Aided Design (CAD) Market (by Technology Type), \$Million, 2016-2028

Table 8.19: U.K. Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Table 8.20: U.K. Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 8.21: U.K. Computer-Aided Design (CAD) Market (by Technology Type), \$Million, 2016-2028

Table 8.22: France Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 8.23: France Computer-Aided Design (CAD) Market (by Technology Type), \$Million, 2016-2028

Table 8.24: Italy Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 8.25: Italy Computer-Aided Design (CAD) Market (by Technology Type), \$Million, 2016-2028

Table 8.26: Russia Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 8.27: Russia Computer-Aided Design (CAD) Market (by Technology Type), \$Million, 2016-2028

Table 8.28: Rest-of-Europe Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 8.29: Rest-of-Europe Computer-Aided Design (CAD) Market (by Technology Type), \$Million, 2016-2028

Table 8.30: Asia-Pacific Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Table 8.31: Asia-Pacific Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 8.32: Asia-Pacific Computer-Aided Design (CAD) Market (by Country), \$Million, 2016-2028

Table 8.33: China Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Table 8.34: China Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 8.35: China Computer-Aided Design (CAD) Market (by Technology Type), \$Million, 2016-2028

Table 8.36: Japan Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 8.37: Japan Computer-Aided Design (CAD) Market (by Technology Type), \$Million, 2016-2028

Table 8.38: South Korea Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 8.39: South Korea Computer-Aided Design (CAD) Market (by Technology Type), \$Million, 2016-2028

Table 8.40: India Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Table 8.41: India Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 8.42: India Computer-Aided Design (CAD) Market (by Technology Type), \$Million, 2016-2028

Table 8.43: Australia and New Zealand Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 8.44: Australia and New Zealand Computer-Aided Design (CAD) Market (by Technology Type), \$Million, 2016-2028

Table 8.45: Rest-of-Asia-Pacific Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 8.46: Rest-of-Asia-Pacific Computer-Aided Design (CAD) Market (by Technology Type), \$Million, 2016-2028

Table 8.47: Middle East and Africa Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Table 8.48: Middle East and Africa Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 8.49: Middle East and Africa Computer-Aided Design Market (by Country), \$Million, 2016-2028

Table 8.50: Saudi Arabia Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Table 8.51: Saudi Arabia Computer-Aided Design (CAD) Market (by Technology Type),



\$Million, 2016-2028

Table 8.52: South Africa Computer-Aided Design (CAD) Market (by Application),  
\$Million, 2016-2028

Table 8.53: South Africa Computer-Aided Design (CAD) Market (by Technology Type),  
\$Million, 2016-2028

Table 8.54: U.A.E. Computer-Aided Design (CAD) Market (by Application), \$Million,  
2016-2028

Table 8.55: U.A.E. Computer-Aided Design (CAD) Market (by Technology Type),  
\$Million, 2016-2028

Table 8.56: Rest-of-MEA Computer-Aided Design (CAD) Market (by Application),  
\$Million, 2016-2028

Table 8.57: Rest-of-MEA Computer-Aided Design (CAD) Market (by Technology Type),  
\$Million, 2016-2028

Table 8.58: South America Computer-Aided Design (CAD) Market (by Product Type),  
\$Million, 2016-2028

Table 8.59: South America Computer-Aided Design (CAD) Market (by Application),  
\$Million, 2016-2028

Table 8.60: South America Computer-Aided Design Market (by Country), \$Million,  
2016-2028

Table 8.61: Brazil Computer-Aided Design (CAD) Market (by Application), \$Million,  
2016-2028

Table 8.62: Brazil Computer-Aided Design (CAD) Market (by Technology Type),  
\$Million, 2016-2028

Table 8.63: Argentina Computer-Aided Design (CAD) Market (by Application), \$Million,  
2016-2028

Table 8.64: Argentina Computer-Aided Design (CAD) Market (by Technology Type),  
\$Million, 2016-2028

Table 8.65: Colombia Computer-Aided Design (CAD) Market (by Application), \$Million,  
2016-2028

Table 8.66: Colombia Computer-Aided Design (CAD) Market (by Technology Type),  
\$Million, 2016-2028

Table 8.67: Rest-of-South America Computer-Aided Design (CAD) Market (by  
Application), \$Million, 2016-2028

Table 8.68: Rest-of-South America Computer-Aided Design (CAD) Market (by  
Technology Type), \$Million, 2016-2028

Table 9.1: 3D Systems Corporation: Product Portfolio

Table 9.2: Advanced Computer Solutions Limited: Product Portfolio

Table 9.3: AVEVA Group plc: Product Portfolio

Table 9.4: BENTLEY SYSTEMS, INCORPORATED: Product Portfolio

Table 9.5: BobCAD-CAM, Inc.: Product Portfolio

Table 9.6: Bricsys NV: Product Portfolio

Table 9.7: Dassault Syst?mes: Product Portfolio

Table 9.8: Hexagon AB: Product Portfolio

Table 9.9: Kubotek3D: Product Portfolio

Table 9.10: NEMETSCHEK SE: Product Portfolio

Table 9.11: PTC Inc.: Product Portfolio

Table 9.12: Robert McNeel & Associates: Product Portfolio

Table 9.13: Siemens Product Lifecycle Management Software Inc.: Product Portfolio

Table 9.14: TRIMBLE INC.: Product Portfolio

## List Of Figures

### LIST OF FIGURES

Figure 1: Evolution of CAD Software

Figure 2: Global CAD Market Snapshot, 2017-2028

Figure 3: Global CAD Market Overview, 2017-2028

Figure 4: Global CAD Market Attractiveness Analysis, by Product Type

Figure 5: Global CAD Market (by Application), \$Million, 2017-2028

Figure 6: Global CAD Market (by Technology), 2017, 2018, and 2028

Figure 7: Global CAD Market (by Region), 2017

Figure 8: Computer-Aided Design Market Share Analysis, 2017

Figure 1.1: Market Dynamics: Global Computer-Aided Design (CAD) Market

Figure 1.2: Features of CAD Software

Figure 1.3: Consequences of Pirated software

Figure 2.1: Strategies Adopted by the Key Players

Figure 2.2: Share of Key Market Strategies and Developments, 2014-2018

Figure 2.3: Partnerships, Collaborations, and Joint Ventures Development Share of Companies

Figure 2.4: Product Launches Share of Key Companies

Figure 2.5: Mergers and Acquisitions Development Share of Companies

Figure 2.6: Business Expansion Share of Key Companies

Figure 2.7: Other Development Share of Companies

Figure 2.8: Computer-Aided Design Market Share Analysis 2017

Figure 3.1: Computer-Aided Technology Market Supply Chain

Figure 3.2: Global CAD Market Opportunity Matrix (by Region), 2018-2028

Figure 4.1: Types of Products for CAD Market

Figure 4.2: Global Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2017, and 2028

Figure 4.3: CATIA in Global Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Figure 4.4: NX and Solid Edge in Global Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Figure 4.5: SOLIDWORKS in Global Computer-Aided Design Market (by Product Type), \$Million, 2016-2028

Figure 4.6: AutoCAD and AutoCAD LT in Global Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Figure 4.7: Creo and Mathcad in Global Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Figure 4.8: Autodesk Inventor in Global Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Figure 4.9: Fusion 360 in Global Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Figure 4.10: Vero in Global Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Figure 4.11: SketchUp in Global Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Figure 4.12: Geomagic in Global Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Figure 4.13: Others in Global Computer-Aided Design (CAD) Market (by Product Type), \$Million, 2016-2028

Figure 5.1: Global Computer-Aided Design (CAD) Market (by Application)

Figure 5.2: Global Computer-Aided Design (CAD) Market (by Application), 2017, 2018, and 2028

Figure 5.3: Automotive Industry in Global Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Figure 5.4: Aerospace and Defense in Global Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Figure 5.5: Building and Construction in Global Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Figure 5.6: Industrial Machinery in Global Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Figure 5.7: Electrical and Electronics in Global Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Figure 5.8: Pharmaceutical and Healthcare in Global Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Figure 5.9: Others in Global Computer-Aided Design (CAD) Market (by Application), \$Million, 2016-2028

Figure 6.1: Global Computer-Aided Design (CAD) Market (by Technology Type)

Figure 6.2: Global Computer-Aided Design (CAD) Market (by Technology Type), 2017, 2018 and 2028

Figure 6.3: 3D-Design in Global Computer-Aided Design (CAD) Market (by Application), \$Billion, 2016-2028

Figure 6.4: 2D-Design in Global Computer-Aided Design (CAD) Market (by Application), \$Billion, 2016-2028

Figure 7.1: Types of Operating System for CAD Software

Figure 7.2: Global Computer-Aided Design (CAD) Market (by Operating System), \$Million, 2017, 2018, and 2028

Figure 7.3: Windows in Global Computer-Aided Design (CAD) Market (by Operating System), \$Billion, 2016 - 2028

Figure 7.4: macOS in Global Computer-Aided Design (CAD) Market (by Operating System), \$Million, 2016 - 2028

Figure 7.5: UNIX in Global Computer-Aided Design (CAD) Market (by Operating System), \$Million, 2016 - 2028

Figure 7.6: Linux in Global Computer-Aided Design (CAD) Market (by Operating System), \$Million, 2016 - 2028

Figure 8.1: Computer-Aided Design Market – Regional Segmentation

Figure 8.2: Computer-Aided Design (CAD) Market (by Region), 2017 and 2028

Figure 8.3: North America Computer-Aided Design (CAD) Market (by Product Type), 2017, 2018, and 2028

Figure 8.4: North America Computer-Aided Design (CAD) Market (by Application), 2017, 2018, and 2028

Figure 8.5: North America Computer-Aided Design (CAD) Market (by Country), 2017 and 2018

Figure 8.6: The U.S. Computer-Aided Design (CAD) Market, 2016-2028

Figure 8.7: Canada Computer-Aided Design (CAD) Market, 2016-2028

Figure 8.8: Mexico Computer-Aided Design (CAD) Market, 2016-2028

Figure 8.9: Europe Computer-Aided Design (CAD) Market (by Product Type), 2017, 2018, and 2028

Figure 8.10: Europe Computer-Aided Design (CAD) Market (by Application), 2017, 2018, and 2028

Figure 8.11: Europe Computer-Aided Design (CAD) Market (by Country), 2017 and 2028

Figure 8.12: Germany Computer-Aided Design (CAD) Market, 2016-2028

Figure 8.13: U.K. Computer-Aided Design (CAD) Market, 2016-2028

Figure 8.14: France Computer-Aided Design (CAD) Market, 2016-2028

Figure 8.15: Italy Computer-Aided Design (CAD) Market, 2016-2028

Figure 8.16: Russia Computer-Aided Design (CAD) Market, 2016-2028

Figure 8.17: Rest-of-Europe Computer-Aided Design (CAD) Market, 2016-2028

Figure 8.18: Asia-Pacific Computer-Aided Design (CAD) Market (by Product Type), 2017, 2018, and 2028

Figure 8.19: Asia-Pacific Computer-Aided Design (CAD) Market (by Application), 2017, 2018, and 2028

Figure 8.20: Asia-Pacific Computer-Aided Design (CAD) Market (by Country), 2017, 2018, and 2028

Figure 8.21: China Computer-Aided Design (CAD) Market, 2016-2028

Figure 8.22: Japan Computer-Aided Design (CAD) Market, 2016-2028



- Figure 8.23: South Korea Computer-Aided Design (CAD) Market, 2016-2028
- Figure 8.24: India Computer-Aided Design (CAD) Market, 2016-2028
- Figure 8.25: Australia and New Zealand Computer-Aided Design (CAD) Market, 2016-2028
- Figure 8.26: Rest-of-Asia-Pacific Computer-Aided Design Market, 2016-2028
- Figure 8.27: Middle East and Africa Computer-Aided Design (CAD) Market (by Product Type), 2017, 2018, and 2028
- Figure 8.28: Middle East and Africa Computer-Aided Design (CAD) Market (by Application), 2017, 2018, and 2028
- Figure 8.29: Middle East and Africa Computer-Aided Design Market (by Country), 2017, 2018, and 2028
- Figure 8.30: Saudi Arabia Computer-Aided Design Market, 2016-2028
- Figure 8.31: South Africa Computer-Aided Design Market, 2016-2028
- Figure 8.32: U.A.E Computer-Aided Design Market, 2016-2028
- Figure 8.33: Rest-of-MEA Computer-Aided Design Market, 2016-2028
- Figure 8.34: South America Computer-Aided Design (CAD) Market (by Product Type), 2017, 2018, and 2028
- Figure 8.35: South America Computer-Aided Design (CAD) Market (by Application), 2017, 2018, and 2028
- Figure 8.36: South America Computer-Aided Design Market (by Country), 2017 and 2028
- Figure 8.37: Brazil Computer-Aided Design Market, 2016-2028
- Figure 8.38: Argentina Computer-Aided Design Market, 2016-2028
- Figure 8.39: Colombia Computer-Aided Design Market, 2016-2028
- Figure 8.40: Rest-of-South-America Computer-Aided Design Market, 2016-2028
- Figure 9.1: Share of Key Companies (by Ownership Type)
- Figure 9.2: 3D Systems Corporation: Overall Financials, 2015-2017
- Figure 9.3: 3D Systems Corporation: Net Revenue (by Region), 2015-2017
- Figure 9.4: 3D Systems Corporation: Net Revenue by Business Segment, 2015-2017
- Figure 9.5: 3D Systems Corporation: SWOT Analysis
- Figure 9.6: Advanced Computer Solutions Limited: SWOT Analysis
- Figure 9.7: Autodesk Inc.: Overall Financials, 2016-2018
- Figure 9.8: Autodesk Inc.: Net Revenue (by Region), 2016-2018
- Figure 9.9: Autodesk Inc.: Net Revenue (by Product Segment), 2016-2018
- Figure 9.10: Autodesk Inc.: SWOT Analysis
- Figure 9.11: AVEVA Group plc: Overall Financials, 2015-2017
- Figure 9.12: AVEVA Group plc: Net Revenue (by Region), 2015-2017
- Figure 9.13: AVEVA Group plc: SWOT Analysis
- Figure 9.14: BENTLEY SYSTEMS, INCORPORATED: SWOT Analysis



- Figure 9.15: BobCAD-CAM, Inc.: SWOT Analysis
- Figure 9.16: Bricsys NV: SWOT Analysis
- Figure 9.17: Dassault Syst?mes: Overall Financials, 2015-2017
- Figure 9.18: Dassault Syst?mes: Net Revenue (by Region), 2015-2017
- Figure 9.19: Dassault Syst?mes: Net Revenue (by Business Segment), 2015-2017
- Figure 9.20: Dassault Syst?mes: Net Revenue (by Product Type), 2015-2017
- Figure 9.21: Dassault Syst?mes: SWOT Analysis
- Figure 9.22: Hexagon AB: Overall Financials, 2015-2017
- Figure 9.23: Hexagon AB: Net Revenue (by Region), 2015-2017
- Figure 9.24: Hexagon AB: Net Revenue by Business Segment, 2015-2017
- Figure 9.25: Hexagon AB: SWOT Analysis
- Figure 9.26: Kubotek3D: SWOT Analysis
- Figure 9.27: NEMETSCHEK SE: Overall Financials, 2015-2017
- Figure 9.28: NEMETSCHEK SE: Net Revenue (by Region), 2015-2017
- Figure 9.29: NEMETSCHEK SE: Net Revenue by Business Segment, 2015-2017
- Figure 9.30: NEMETSCHEK SE: SWOT Analysis
- Figure 9.31: PTC Inc.: Overall Financials, 2015-2017
- Figure 9.32: PTC Inc.: Net Revenue (by Region), 2015-2017
- Figure 9.33: PTC Inc.: Net Revenue (by Business Segment), 2015-2017
- Figure 9.34: PTC Inc.: Net Revenue (by Product Type), 2015-2017
- Figure 9.35: PTC Inc.: SWOT Analysis
- Figure 9.36: Robert McNeel & Associates: SWOT Analysis
- Figure 9.37: Siemens Product Lifecycle Management Software Inc.: Overall Financials, 2016-2018
- Figure 9.38: Siemens Product Lifecycle Management Software Inc.: Net Revenue (by Region), 2016-2018
- Figure 9.39: Siemens Product Lifecycle Management Software Inc.: Net Revenue by Business Segment, 2016-2018
- Figure 9.40: Siemens Product Lifecycle Management Software Inc.: SWOT Analysis
- Figure 9.41: TRIMBLE INC.: Overall Financials, 2015-2017
- Figure 9.42: TRIMBLE INC.: Net Revenue (by Region), 2015-2017
- Figure 9.43: TRIMBLE INC.: Net Revenue (by Business Segment), 2015-2017
- Figure 9.44: TRIMBLE INC.: SWOT Analysis
- Figure 10.1: Global CAD Market Coverage
- Figure 10.2: Segmentation Covered in the Global CAD Market
- Figure 10.3: Report Design
- Figure 10.4: Primary Interviews (by Player, Designation, and Region)
- Figure 10.5: Sources of Secondary Research
- Figure 10.6: Data Triangulation

Figure 10.7: Top-Down and Bottom-Up Approach

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