

Global Computer-Aided Design (CAD) Market- Analysis and Forecast (2017-2023) (Focus on Product Type (CATIA, SolidWorks, NX and Solid Edge); Operating System (Windows, MAC OS X, Linux, Unix); Technology (3D and 2D Design); End-Use Application and Region)

The global CAD market in terms of value is estimated to witness growth at a CAGR of 7.00% between 2017 and 2023. The increasing demand and the growth rate for CAD in the market is attributed to their increasing usage by end-use industries such as automotive, aerospace, industrial machinery, electrical & electronics, pharmaceutical & healthcare, and others. The rising demand is driven by a number of factors such as replacement of manual drafts by CAD drafts in end-use industries, cloud synchronization, inspection agencies, and government initiatives in product development process.

The report is a compilation of various segmentations including market breakdown by CAD technology, operating system, product type, end-use applications, and different geographical regions. It also includes sections on competitive insights and market dynamics. Herein the revenue generated from CAD is tracked to calculate the market size.

While highlighting the key driving and restraining forces for this market, the report also provides a comprehensive section of the application areas of the CAD market. It also examines the role of the leading market players involved in this market. The report addresses the following key questions about the global CAD market:

- What the global CAD market size is in terms of revenue from 2016-2023?
- Which is the dominant technology and product type by revenue in the CAD market?
- What is the revenue generated by the different CAD based technologies and product types in the global CAD market?
- What is the revenue generated in the different applications of the CAD market?
- What are the different factors driving the market forward in the forecast period?
- What are the major factors challenging the growth of the global CAD market?
- What are the opportunities for the global CAD market?
- What kind of new strategies are being adopted by existing market players to make a mark in the industry?
- What is the revenue generated by the different geographic regions in the CAD market?
- Which region will lead to the global CAD market by the end of the forecast period?
- Which are the existing key market players that have made a mark in the CAD market?

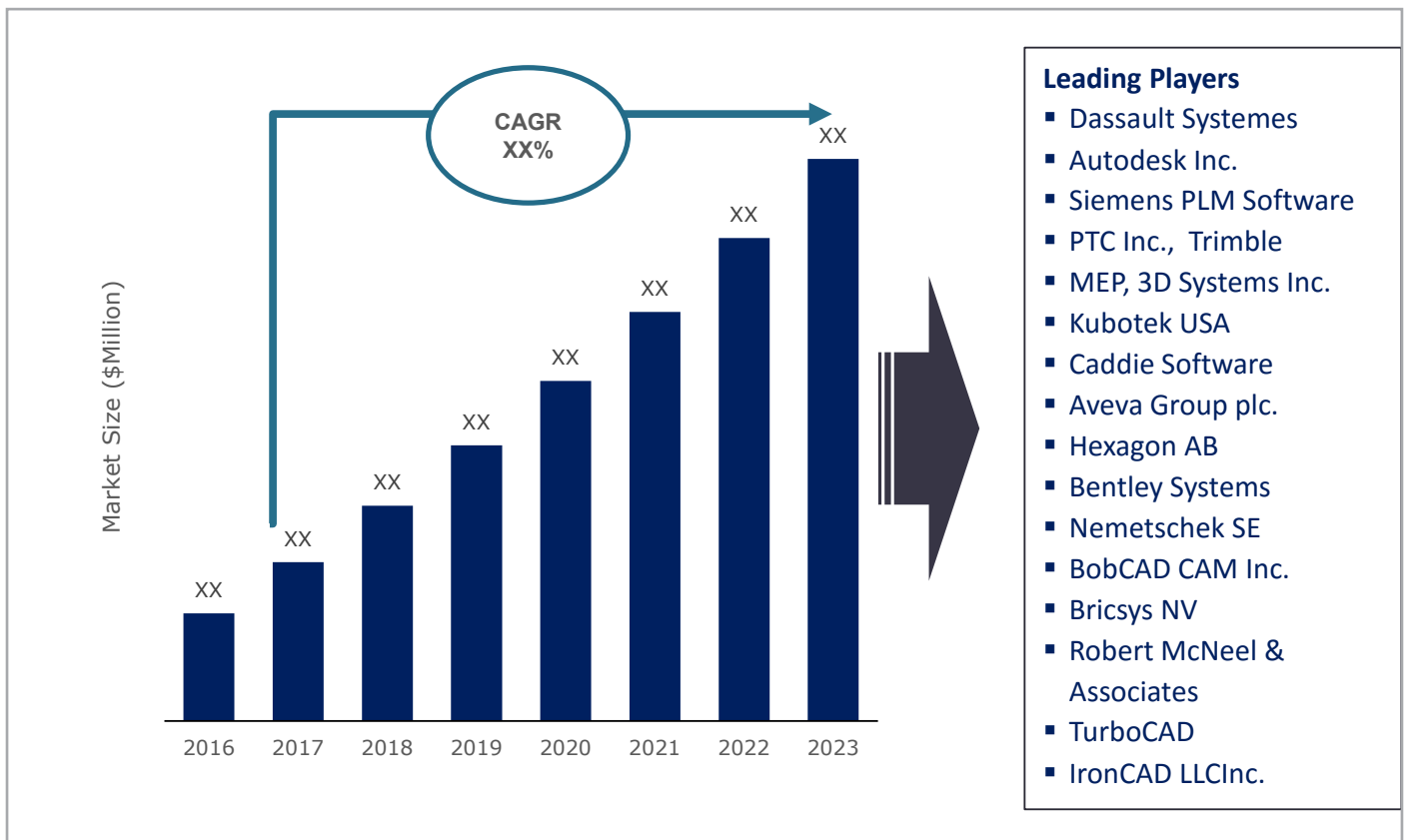
The report has put special emphasis on the market share and size of CATIA, SolidWorks, AutoCAD, AutoCAD LT, Autodesk Inventor, NX and Solid Edge, Creo, SketchUp, Geomagic, and Others. The industry analysis has also been undertaken in order to examine the impact of various factors and understand the overall attractiveness of the industry.

The most often used strategy for developing a better hold on to the market has been new product launches and developments, followed by agreements, joint ventures, partnerships & collaborations. The company profile section includes highlights of significant information about the key companies involved, along with their financial summaries and key strategies & developmental activities of recent years. Some of the key players in the CAD market include

Dassault Systemes, Autodesk Inc., Siemens PLM Software, PTC Inc., Trimble, MEP, 3D Systems Inc., Kubotek USA, Caddie Software, Aveva Group plc. Hexagon AB, Bentley Systems, Nemetschek SE, BobCAD CAM Inc., Bricsys NV, Robert McNeel & Associates, TurboCAD, and IronCAD LLC..

CATIA dominated the CAD market accounting for a market share by value in 2016. North America generated the maximum revenue in the year 2016 in the global CAD market followed by Europe and Asia-Pacific. Additionally, APAC has the highest potential to grow in the forecast period due to the presence of emerging economies such as China and India. The factors such as rapid industrialization, increasing investments towards intelligent manufacturing, smart packaging, 3D printing, outsourcing 3D modelling services for architectural and industrial machine parts in low-cost countries will continue to increase the demand for CAD from emerging countries.

Global Computer Aided Design (CAD) Market



Source: Secondary research, expert interviews, and BIS Research Analysis

FACTORS INFLUENCING CURRENT MARKET INFORMATION



Competitive Analysis

Key Strategies and Developments

Industry Trends

Market Share of Leading Players

R&D Analysis

Compound Annual Growth Rate (CAGR) %

Geographic Usage Pattern

Macro-Economic Factors

Market Drivers

Market Restraints/Challenges

Market Opportunities

New Product Launches & Developments

Mergers & Acquisitions

Agreements, Collaborations, & Partnerships

Business Expansions & Others

KEY MARKET SEGMENTATION

By Technology

- 3D Design
- 2D Design

By Operating System

- Microsoft
- Unix
- Linux
- MC OS X

By Product

- CATIA
- SolidWorks
- AutoCAD, AutoCAD LT
- Autodesk Inventor
- NX and Solid Edge

By End-Use Industry

- Automotive
- Aerospace
- Industry Machinery
- Pharmaceutical & Healthcare
- Others

By Region

- North America
- Europe
- South America
- Middle East & Africa

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