

# Global Engineering Software (CAD, CAM, CAE, AEC, & EDA) Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Engineering Software (CAD, CAM, CAE, AEC, & EDA) market size was valued at USD 20930 million in 2023 and is forecast to a readjusted size of USD 38010 million by 2030 with a CAGR of 8.9% during review period.

Engineering software defines the use of different software such as computer-aided designing (CAD) software, computer-aided engineering (CAE) software, computer-aided manufacturing (CAM) software, electronic design automation (EDA) software, and architecture, engineering, and construction (AEC) software.

Global Engineering Software (CAD, CAM, CAE, AEC, & EDA) key players include Autodesk, Siemens, Synopsys, etc. Global top three manufacturers hold a share about 35%.

North America is the largest market, with a share over 25%, followed by Europe and China, both have a share about 45 percent.

In terms of product, CAD Software is the largest segment, with a share over 25%. And in terms of application, the largest application is Design Automation, followed by Product Design & Testing.

The Global Info Research report includes an overview of the development of the Engineering Software (CAD, CAM, CAE, AEC, & EDA) industry chain, the market status of Design Automation (CAD Software, CAM Software), Plant Design (CAD Software, CAM Software), and key enterprises in developed and developing market, and analysed

the cutting-edge technology, patent, hot applications and market trends of Engineering Software (CAD, CAM, CAE, AEC, & EDA).

Regionally, the report analyzes the Engineering Software (CAD, CAM, CAE, AEC, & EDA) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Engineering Software (CAD, CAM, CAE, AEC, & EDA) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Engineering Software (CAD, CAM, CAE, AEC, & EDA) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Engineering Software (CAD, CAM, CAE, AEC, & EDA) industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the revenue generated, and market share of different by Type (e.g., CAD Software, CAM Software).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Engineering Software (CAD, CAM, CAE, AEC, & EDA) market.

**Regional Analysis:** The report involves examining the Engineering Software (CAD, CAM, CAE, AEC, & EDA) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Engineering Software (CAD, CAM, CAE, AEC, & EDA) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Engineering Software (CAD, CAM, CAE, AEC, & EDA):

**Company Analysis:** Report covers individual Engineering Software (CAD, CAM, CAE, AEC, & EDA) players, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Engineering Software (CAD, CAM, CAE, AEC, & EDA) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Design Automation, Plant Design).

**Technology Analysis:** Report covers specific technologies relevant to Engineering Software (CAD, CAM, CAE, AEC, & EDA). It assesses the current state, advancements, and potential future developments in Engineering Software (CAD, CAM, CAE, AEC, & EDA) areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Engineering Software (CAD, CAM, CAE, AEC, & EDA) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Engineering Software (CAD, CAM, CAE, AEC, & EDA) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of value.

### Market segment by Type

CAD Software

CAM Software

CAE Software

AEC Software

EDA Software

### Market segment by Application

Design Automation

Plant Design

Product Design & Testing

Drafting & 3D Modeling

Others

### Market segment by players, this report covers

Autodesk

Bentley Systems

Dassault Systemes

Nemetschek

HCL Technologies

Siemens PLM Software

SAP

Synopsys

PTC

ANSYS

Altium

Hexagon

Altair Engineering

ESI Group

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Australia and Rest of Asia-Pacific)

South America (Brazil, Argentina and Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Engineering Software (CAD, CAM, CAE, AEC, & EDA) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Engineering Software (CAD, CAM, CAE, AEC, & EDA), with revenue, gross margin and global market share of Engineering Software (CAD, CAM, CAE, AEC, & EDA) from 2019 to 2024.

Chapter 3, the Engineering Software (CAD, CAM, CAE, AEC, & EDA) competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024. and Engineering Software (CAD, CAM, CAE, AEC, & EDA) market forecast, by regions, type and application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Engineering Software (CAD, CAM, CAE, AEC, & EDA).

Chapter 13, to describe Engineering Software (CAD, CAM, CAE, AEC, & EDA) research findings and conclusion.

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