

# CAE Software Market Research: Global Status & Forecast by Geography, Type & Application (2017-2027)

https://marketpublishers.com/r/CFC6ECC94B1EN.html

Date: October 2021

Pages: 56

Price: US\$ 2,280.00 (Single User License)

ID: CFC6ECC94B1EN

# **Abstracts**

According to 99Strategy, the Global CAE Software Market is estimated to reach xxx million USD in 2021 and projected to grow at the CAGR of xx% during the 2022-2027. The report analyses the global CAE Software market, the market size and growth, as well as the major market participants.

The analysis includes market size, upstream situation, market segmentation, market segmentation, price & cost and industry environment. In addition, the report outlines the factors driving industry growth and the description of market channels. The report begins from overview of industrial chain structure, and describes the upstream. Besides, the report analyses market size and forecast in different geographies, type and end-use segment, in addition, the report introduces market competition overview among the major companies and companies profiles, besides, market price and channel features are covered in the report.

**Key Regions** 

Asia Pacific

North America

Europe

South America

Middle East & Africa



# **Key Companies** Siemens PLM Software **ANSYS Dassault Systemes** Hexagon AB MSC Software Alatir ESI **PTC** Autodesk **COMSOL Multiphysics BETA CAE Systems** Magma CoreTech System **Toray Engineering** Yuanjisuan Supcompute

Key Product Type



Mono Functional

Multi Functional

# Market by Application

Machine Tool Industry

Automobile & Train Industry

Shipbuilding Industry

Aerospace & Defense Industry

Other Applications

# Main Aspects covered in the Report

Overview of the CAE Software market including production, consumption, status & forecast and market growth

2017-2021 historical data and 2022-2027 market forecast

Geographical analysis including major countries

Overview the product type market including development

Overview the end-user market including development



# **Contents**

#### 1 INDUSTRIAL CHAIN OVERVIEW

- 1.1 CAE Software Industry
  - 1.1.1 Overview

Figure CAE Software Picture List

- 1.1.2 Characteristics of CAE Software
- 1.2 Upstream
  - 1.2.1 Major Materials
  - 1.2.2 Manufacturing Overview
- 1.3 Product List By Type
  - 1.3.1 Mono Functional
  - 1.3.2 Multi Functional
- 1.4 End-Use List
  - 1.4.1 Demand in Machine Tool Industry
  - 1.4.2 Demand in Automobile & Train Industry
  - 1.4.3 Demand in Shipbuilding Industry
  - 1.4.4 Demand in Aerospace & Defense Industry
  - 1.4.5 Demand in Other Applications
- 1.5 Global Market Overview
  - 1.5.1 Global Market Size and Forecast, 2017-2027

Figure Global Market Size and Forecast with Growth Rate, 2017-2027

1.5.2 Global Market Size and Forecast by Geography with CAGR, 2017-2027

Table Global Market Size and Forecast by Geography with Growth Rate, 2017-2027

1.5.3 Global Market Size and Forecast by Product Type with CAGR, 2017-2027

Table Global Market Size and Forecast by Type with Growth Rate, 2017-2027

1.5.4 Global Market Size and Forecast by End-Use with CAGR, 2017-2027

Table Global Market Size and Forecast by End-Use with Growth Rate, 2017-2027

#### 2 GLOBAL PRODUCTION & CONSUMPTION BY GEOGRAPHY

- 2.1 Global Production & Consumption
  - 2.1.1 Global Production

Figure Global Production Amount Status and Growth Rate, 2017-2021, in Million USD Table Global Production Amount Status and Growth Rate by Geography, 2017-2021, in Million USD

2.1.2 Global Consumption

Figure Global Market Amount and Growth Rate, 2017-2021, in Million USD



Table Global Market Amount and Growth Rate by Geography, 2017-2021, in Million USD

2.2 Geographic Production & Consumption

2.2.1 Production

2.2.1.1 Asia-Pacific

Figure Asia-Pacific Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table Asia-Pacific Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

2.2.1.2 North America

Figure North America Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table North America Production Amount Status and Growth Rate by Region, 2017-2021. in Million USD

2.2.1.3 South America

Figure South America Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table South America Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

2.2.1.4 Europe

Figure Europe Production Amount Status and Growth Rate, 2017-2021, in Million USD Table Europe Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

2.2.1.5 Middle East & Africa

Figure Middle East & Africa Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table Middle East & Africa Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

2.2.2 Consumption

2.2.2.1 Asia-Pacific

Figure Asia-Pacific Market Amount and Growth Rate, 2017-2021, in Million USD Table Asia-Pacific Market Amount and Growth Rate by Region, 2017-2021, in Million USD

2.2.2.2 North America

Figure North America Market Amount and Growth Rate, 2017-2021, in Million USD Table North America Market Amount and Growth Rate by Region, 2017-2021, in Million USD

2.2.2.3 South America

Figure South America Market Amount and Growth Rate, 2017-2021, in Million USD



Table South America Market Amount and Growth Rate by Region, 2017-2021, in Million USD

2.2.2.4 Europe

Figure Europe Market Amount and Growth Rate, 2017-2021, in Million USD

Table Europe Market Amount and Growth Rate by Region, 2017-2021, in Million USD

2.2.2.5 Middle East & Africa

Figure Middle East & Africa Market Amount and Growth Rate, 2017-2021, in Million USD

Table Middle East & Africa Market Amount and Growth Rate by Region, 2017-2021, in Million USD

#### 3 MAJOR MANUFACTURERS INTRODUCTION

3.1 Manufacturers Overview

Table Major Manufacturers Headquarters and Contact Information

Table Major Manufacturers Production Amount List in 2021

- 3.2 Manufacturers List
  - 3.2.1 Siemens PLM Software Overview

Table Siemens PLM Software Overview List

- 3.2.1.1 Product Specifications
- 3.2.1.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table CAE Software Business Operation of Siemens PLM Software (Production Amount (Million USD), Cost, Gross Margin)

- 3.2.1.3 Recent Developments
- 3.2.1.4 Future Strategic Planning
- 3.2.2 ANSYS Overview

**Table ANSYS Overview List** 

- 3.2.2.1 Product Specifications
- 3.2.2.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table CAE Software Business Operation of ANSYS (Production Amount (Million USD), Cost, Gross Margin)

- 3.2.2.3 Recent Developments
- 3.2.2.4 Future Strategic Planning
- 3.2.3 Dassault Systemes Overview

**Table Dassault Systemes Overview List** 

- 3.2.3.1 Product Specifications
- 3.2.3.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table CAE Software Business Operation of Dassault Systemes (Production Amount (Million USD), Cost, Gross Margin)



- 3.2.3.3 Recent Developments
- 3.2.3.4 Future Strategic Planning
- 3.2.4 Hexagon AB Overview

Table Hexagon AB Overview List

- 3.2.4.1 Product Specifications
- 3.2.4.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table CAE Software Business Operation of Hexagon AB (Production Amount (Million

USD), Cost, Gross Margin)

- 3.2.4.3 Recent Developments
- 3.2.4.4 Future Strategic Planning
- 3.2.5 MSC Software Overview

Table MSC Software Overview List

- 3.2.5.1 Product Specifications
- 3.2.5.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table CAE Software Business Operation of MSC Software (Production Amount (Million

USD), Cost, Gross Margin)

- 3.2.5.3 Recent Developments
- 3.2.5.4 Future Strategic Planning
- 3.2.6 Alatir Overview

**Table Alatir Overview List** 

- 3.2.6.1 Product Specifications
- 3.2.6.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table CAE Software Business Operation of Alatir (Production Amount (Million USD),

Cost, Gross Margin)

- 3.2.6.3 Recent Developments
- 3.2.6.4 Future Strategic Planning
- 3.2.7 ESI Overview

Table ESI Overview List

- 3.2.7.1 Product Specifications
- 3.2.7.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table CAE Software Business Operation of ESI (Production Amount (Million USD),

Cost, Gross Margin)

- 3.2.7.3 Recent Developments
- 3.2.7.4 Future Strategic Planning
- 3.2.8 PTC Overview

Table PTC Overview List

- 3.2.8.1 Product Specifications
- 3.2.8.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table CAE Software Business Operation of PTC (Production Amount (Million USD),



Cost, Gross Margin)

3.2.8.3 Recent Developments

3.2.8.4 Future Strategic Planning

3.2.9 Autodesk Overview

Table Autodesk Overview List

3.2.9.1 Product Specifications

3.2.9.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table CAE Software Business Operation of Autodesk (Production Amount (Million

USD), Cost, Gross Margin)

3.2.9.3 Recent Developments

3.2.9.4 Future Strategic Planning

3.2.10 COMSOL Multiphysics Overview

Table COMSOL Multiphysics Overview List

3.2.10.1 Product Specifications

3.2.10.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table CAE Software Business Operation of COMSOL Multiphysics (Production Amount (Million USD), Cost, Gross Margin)

3.2.10.3 Recent Developments

3.2.10.4 Future Strategic Planning

3.2.11 BETA CAE Systems Overview

Table BETA CAE Systems Overview List

3.2.11.1 Product Specifications

3.2.11.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table CAE Software Business Operation of BETA CAE Systems (Production Amount (Million USD), Cost, Gross Margin)

3.2.11.3 Recent Developments

3.2.11.4 Future Strategic Planning

3.2.12 Magma Overview

**Table Magma Overview List** 

3.2.12.1 Product Specifications

3.2.12.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table CAE Software Business Operation of Magma (Production Amount (Million USD),

Cost, Gross Margin)

3.2.12.3 Recent Developments

3.2.12.4 Future Strategic Planning

3.2.13 CoreTech System Overview

Table CoreTech System Overview List

3.2.13.1 Product Specifications

3.2.13.2 Business Data (Production Amount (Million USD), Cost, Margin)



Table CAE Software Business Operation of CoreTech System (Production Amount (Million USD), Cost, Gross Margin)

- 3.2.13.3 Recent Developments
- 3.2.13.4 Future Strategic Planning
- 3.2.14 Toray Engineering Overview

Table Toray Engineering Overview List

- 3.2.14.1 Product Specifications
- 3.2.14.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table CAE Software Business Operation of Toray Engineering (Production Amount (Million USD), Cost, Gross Margin)

- 3.2.14.3 Recent Developments
- 3.2.14.4 Future Strategic Planning
- 3.2.15 Yuanjisuan Overview

Table Yuanjisuan Overview List

- 3.2.15.1 Product Specifications
- 3.2.15.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table CAE Software Business Operation of Yuanjisuan (Production Amount (Million USD), Cost, Gross Margin)

- 3.2.15.3 Recent Developments
- 3.2.15.4 Future Strategic Planning
- 3.2.16 Supcompute Overview

**Table Supcompute Overview List** 

- 3.2.16.1 Product Specifications
- 3.2.16.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table CAE Software Business Operation of Supcompute (Production Amount (Million USD), Cost, Gross Margin)

- 3.2.16.3 Recent Developments
- 3.2.16.4 Future Strategic Planning

#### **4 MARKET COMPETITION PATTERN**

4.1 Market Size and Sketch

Figure Global Market Size and Growth Rate, 2017-2021, in Million USD

Figure Global Competition Sketch Overview

- 4.2 Company Market Share
  - 4.2.1 Global Production by Major Manufacturers

Table Global Production Amount List by Manufacturers, 2017-2021, in Million USD Table Global Production Amount Share List by Manufacturers, 2017-2021, in Million USD



Figure Global Production Amount Share by Manufacturers in 2021, in Million USD

- 4.2.2 Market Concentration Analysis
- 4.3 Market News and Trend
  - 4.3.1 Merger & Acquisition
  - 4.3.2 New Product Launch

#### **5 PRODUCT TYPE SEGMENT**

5.1 Global Overview by Product Type Segment

Table Global Market Status and Growth Rate by Product Type Segment, 2017-2021, in Million USD

- 5.2 Segment Subdivision by Product Type
  - 5.2.1 Market in Mono Functional
    - 5.2.1.1 Market Size

Figure Global Market Amount and Growth Rate in Mono Functional, 2017-2021, in USD Million

- 5.2.1.2 Situation & Development
- 5.2.2 Market in Multi Functional
  - 5.2.2.1 Market Size

Figure Global Market Amount and Growth Rate in Multi Functional, 2017-2021, in USD Million

5.2.2.2 Situation & Development

#### **6 END-USE SEGMENT**

6.1 Global Overview by End-Use Segment

Table Global Market Status and Growth Rate by End-Use Segment, 2017-2021, in Million USD

- 6.2 Segment Subdivision
  - 6.2.1 Market in Machine Tool Industry
    - 6.2.1.1 Market Size

Figure Global Market Amount and Growth Rate in Machine Tool Industry, 2017-2021, in USD Million

- 6.2.1.2 Situation & Development
- 6.2.2 Market in Automobile & Train Industry
  - 6.2.2.1 Market Size

Figure Global Market Amount and Growth Rate in Automobile & Train Industry, 2017-2021, in USD Million

6.2.2.2 Situation & Development



- 6.2.3 Market in Shipbuilding Industry
  - 6.2.3.1 Market Size

Figure Global Market Amount and Growth Rate in Shipbuilding Industry, 2017-2021, in USD Million

- 6.2.3.2 Situation & Development
- 6.2.4 Market in Aerospace & Defense Industry
  - 6.2.4.1 Market Size

Figure Global Market Amount and Growth Rate in Aerospace & Defense Industry, 2017-2021, in USD Million

- 6.2.4.2 Situation & Development
- 6.2.5 Market in Other Applications
  - 6.2.5.1 Market Size

Figure Global Market Amount and Growth Rate in Other Applications, 2017-2021, in USD Million

6.2.5.2 Situation & Development

#### 7 MARKET FORECAST & TREND

7.1 Regional Forecast

Table Global Market Forecast by Region Segment 2022-2027, in Million USD

- 7.2 Consumption Forecast
  - 7.2.1 Product Type Forecast

Table Global Market Amount by Product Type Segment 2022-2027, in Million USD

7.2.2 End-Use Forecast

Table Global Market Amount by End-Use Segment 2022-2027, in Million USD

- 7.3 Investment Trend
- 7.4 Consumption Trend

#### **8 PRICE & CHANNEL**

- 8.1 Price and Cost
  - 8.1.1 Price
  - 8.1.2 Cost

Figure Cost Component Ratio

8.2 Channel Segment

#### 9 MARKET DRIVERS & INVESTMENT ENVIRONMENT

9.1 Market Drivers



- 9.2 Investment Environment
- 9.3 Impact of Coronavirus on the CAE Software Industry
  - 9.3.1 Impact on Industry Upstream
  - 9.3.2 Impact on Industry Downstream
  - 9.3.3 Impact on Industry Channels
  - 9.3.4 Impact on Industry Competition
  - 9.3.5 Impact on Industry Employment

### **10 RESEARCH CONCLUSION**



# **List Of Tables**

#### LIST OF TABLES

Table Global Market Size and Forecast by Geography with Growth Rate, 2017-2027

Table Global Market Size and Forecast by Type with Growth Rate, 2017-2027

Table Global Market Size and Forecast by End-Use with Growth Rate, 2017-2027

Table Global Production Amount Status and Growth Rate by Geography, 2017-2021, in Million USD

Table Global Market Amount and Growth Rate by Geography, 2017-2021, in Million USD

Table Asia-Pacific Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

Table North America Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

Table South America Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

Table Europe Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

Table Middle East & Africa Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

Table Asia-Pacific Market Amount and Growth Rate by Region, 2017-2021, in Million USD

Table North America Market Amount and Growth Rate by Region, 2017-2021, in Million USD

Table South America Market Amount and Growth Rate by Region, 2017-2021, in Million USD

Table Europe Market Amount and Growth Rate by Region, 2017-2021, in Million USD Table Middle East & Africa Market Amount and Growth Rate by Region, 2017-2021, in Million USD

Table Major Manufacturers Headquarters and Contact Information

Table Major Manufacturers Production Amount List in 2021

Table Siemens PLM Software Overview List

Table CAE Software Business Operation of Siemens PLM Software (Production Amount (Million USD), Cost, Gross Margin)

**Table ANSYS Overview List** 

Table CAE Software Business Operation of ANSYS (Production Amount (Million USD), Cost, Gross Margin)

**Table Dassault Systemes Overview List** 

Table CAE Software Business Operation of Dassault Systemes (Production Amount



(Million USD), Cost, Gross Margin)

Table Hexagon AB Overview List

Table CAE Software Business Operation of Hexagon AB (Production Amount (Million

USD), Cost, Gross Margin)

Table MSC Software Overview List

Table CAE Software Business Operation of MSC Software (Production Amount (Million

USD), Cost, Gross Margin)

**Table Alatir Overview List** 

Table CAE Software Business Operation of Alatir (Production Amount (Million USD),

Cost, Gross Margin)

Table ESI Overview List

Table CAE Software Business Operation of ESI (Production Amount (Million USD),

Cost, Gross Margin)

Table PTC Overview List

Table CAE Software Business Operation of PTC (Production Amount (Million USD),

Cost, Gross Margin)

**Table Autodesk Overview List** 

Table CAE Software Business Operation of Autodesk (Production Amount (Million

USD), Cost, Gross Margin)

Table COMSOL Multiphysics Overview List

Table CAE Software Business Operation of COMSOL Multiphysics (Production Amount (Million USD), Cost, Gross Margin)

Table BETA CAE Systems Overview List

Table CAE Software Business Operation of BETA CAE Systems (Production Amount

(Million USD), Cost, Gross Margin)

**Table Magma Overview List** 

Table CAE Software Business Operation of Magma (Production Amount (Million USD),

Cost, Gross Margin)

Table CoreTech System Overview List

Table CAE Software Business Operation of CoreTech System (Production Amount

(Million USD), Cost, Gross Margin)

Table Toray Engineering Overview List

Table CAE Software Business Operation of Toray Engineering (Production Amount

(Million USD), Cost, Gross Margin)

Table Yuanjisuan Overview List

Table CAE Software Business Operation of Yuanjisuan (Production Amount (Million

USD), Cost, Gross Margin)

**Table Supcompute Overview List** 

Table CAE Software Business Operation of Supcompute (Production Amount (Million



USD), Cost, Gross Margin)

Table Global Production Amount List by Manufacturers, 2017-2021, in Million USD Table Global Production Amount Share List by Manufacturers, 2017-2021, in Million USD

Table Global Market Status and Growth Rate by Product Type Segment, 2017-2021, in Million USD

Table Global Market Status and Growth Rate by End-Use Segment, 2017-2021, in Million USD

Table Global Market Forecast by Region Segment 2022-2027, in Million USD Table Global Market Amount by Product Type Segment 2022-2027, in Million USD Table Global Market Amount by End-Use Segment 2022-2027, in Million USD



# **List Of Figures**

#### LIST OF FIGURES

Figure CAE Software Picture List

Figure Global Market Size and Forecast with Growth Rate, 2017-2027

Figure Global Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure Global Market Amount and Growth Rate, 2017-2021, in Million USD

Figure Asia-Pacific Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure North America Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure South America Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure Europe Production Amount Status and Growth Rate, 2017-2021, in Million USD Figure Middle East & Africa Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure Asia-Pacific Market Amount and Growth Rate, 2017-2021, in Million USD

Figure North America Market Amount and Growth Rate, 2017-2021, in Million USD

Figure South America Market Amount and Growth Rate, 2017-2021, in Million USD

Figure Europe Market Amount and Growth Rate, 2017-2021, in Million USD

Figure Middle East & Africa Market Amount and Growth Rate, 2017-2021, in Million USD

Figure Global Market Size and Growth Rate, 2017-2021, in Million USD

Figure Global Competition Sketch Overview

Figure Global Production Amount Share by Manufacturers in 2021, in Million USD

Figure Global Market Amount and Growth Rate in Mono Functional, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Multi Functional, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Machine Tool Industry, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Automobile & Train Industry, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Shipbuilding Industry, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Aerospace & Defense Industry, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Other Applications, 2017-2021, in USD Million



Figure Cost Component Ratio



#### I would like to order

Product name: CAE Software Market Research: Global Status & Forecast by Geography, Type &

Application (2017-2027)

Product link: <a href="https://marketpublishers.com/r/CFC6ECC94B1EN.html">https://marketpublishers.com/r/CFC6ECC94B1EN.html</a>

Price: US\$ 2,280.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

# **Payment**

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/CFC6ECC94B1EN.html">https://marketpublishers.com/r/CFC6ECC94B1EN.html</a>

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

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

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

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

