

Computer Aided Engineering Market - Global Outlook and Forecast 2022-2028

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Abstracts

Computer-aided engineering (CAE) is the broad usage of computer software to aid in engineering analysis tasks. It includes finite element analysis (FEA), computational fluid dynamics (CFD), multibody dynamics (MBD), durability and optimization.

This report contains market size and forecasts of Computer Aided Engineering in Global, including the following market information:

Global Computer Aided Engineering Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Computer Aided Engineering market was valued at 4836.7 million in 2021 and is projected to reach US\$ 2812 million by 2028, at a CAGR of -7.5% during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Finite Element Analysis (FEA) Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Computer Aided Engineering include PLM Software, MSC Software Corporation, Bentley Systems, Dassault Systemes, S.A, Synopsys, ANSYS Inc, Middle EastMentor Graphics Corporation, AspenTech and ESI Group, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Computer Aided Engineering companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Computer Aided Engineering Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Computer Aided Engineering Market Segment Percentages, by Type, 2021 (%)

Finite Element Analysis (FEA)

Computational Fluid Dynamics (CFD)

Global Computer Aided Engineering Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Computer Aided Engineering Market Segment Percentages, by Application, 2021 (%)

Aerospace

Automobile

Electrical and electronics

Defense

Industrial machinery

Others

Global Computer Aided Engineering Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global Computer Aided Engineering Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Computer Aided Engineering revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies Computer Aided Engineering revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

PLM Software

MSC Software Corporation

Bentley Systems

Dassault Systemes, S.A

Synopsys

ANSYS Inc

Middle EastMentor Graphics Corporation

AspenTech

ESI Group

Exa Corporation

Numeca International

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