

Engineering Software Market Size, Share, and Analysis, By Type (Computer-Aided Design (CAD) Software, Computer-Aided Engineering (CAE) Software, Computer-Aided Manufacturing (CAM) Software, Electronic Design Automation (EDA), and Others), By Deployment (Cloud, On-Premise), By Application (Design Automation, Plant Design, Product Design & Testing, and Drafting & 3D Modelling), By Industry (Automotive, Aerospace & Defense, Manufacturing, Semiconductor & Electronics, and Others), and By Region (North America, Europe, Asia-Pacific, And Rest of the World) And Regional Forecast 2024-2034

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Abstracts

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PRODUCT OVERVIEW

Engineering Software Market Size, Share, and Analysis, By Type (Computer-Aided Design (CAD) Software, Computer...

Engineering Software Market is anticipated to exhibit a Compound Annual Growth Rate (CAGR) of 16% during the forecast span from 2024 to 2034. In 2023, the market size was assessed at USD 39.5 billion and is projected to reach USD 202.9 billion by the completion of 2034.

Engineering software is a specialized tool that aids engineers in various aspects of their work, such as design, analysis, simulation, and project management across several engineering disciplines, including civil, mechanical, electrical, and software engineering. These programs consist of multiple applications for drafting and visualizing designs, which allows for precise creation of complex structures and systems. They usually include advanced computation, simulation, and testing capabilities to evaluate performance, durability, and practicality of a design. Additionally, engineering software assists in project management, documentation, and collaboration among teams. Therefore, this software is used to enhance the process of engineering by improving efficiency, accuracy, and innovation across a wide range of industries.

MARKET HIGHLIGHTS

Engineering Software Market is projected to achieve USD 202.9 billion during the forecast period, owing to improvements in technology and escalating demand for modern engineering solutions across different industries. The increasing focus on cloud-based platforms that provide scalability and better collaboration among teams is responsible for driving this growth. Moreover, integrations of augmented reality (AR) and virtual reality (VR) within engineering software have drastically improved design and simulation operations, benefiting sectors like manufacturing, construction, automotive, aerospace, and healthcare. Additionally, organizations are adopting advanced software for design, simulation, data analysis, and project management. These companies are aligning themselves with emerging trends that involve integrating AI and machine learning (ML), with the aim to simplify forecasting abilities and other operations with the help of automation. Hence, as companies focus on digital transformation, the engineering software market is expected to grow by providing solutions that enhance productivity and encourage innovations in product development across various sectors.

Engineering Software Market Segments:

By Type

Computer-Aided Design (CAD) Software

Computer-Aided Engineering (CAE) Software

Computer-Aided Manufacturing (CAM) Software

Electronic Design Automation (EDA) Software

Others

By Deployment

Cloud

On-Premise

By Application

Design Automation

Plant Design

Product Design & Testing

Drafting & 3D Modelling

By Industry

Automotive

Aerospace & Defense

Manufacturing

Semiconductor & Electronics

Others

MARKET DYNAMICS

Growth Drivers

Adoption of Industry 4.0 and Digital Transformation Will Fuel Market Growth

Global Emphasis on Infrastructure Development Will Create Growth Opportunities

Restraint

Interoperability Concerns in Engineering Software Could Stifle Market Growth

Key Players

Autodesk

Dassault Systèmes

Siemens PLM Software

PTC

Bentley Systems

Trimble

AVEVA

Altair Engineering

ANSYS

Hexagon AB (Intergraph)

Nemetschek Group

Cadence Design Systems

MSC Software Corporation

ETAS

MathWorks

Other Prominent Players (Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis)

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

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