

Europe Computer Aided Engineering (CAE) Market Analysis (2017-2023)

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Abstracts

The Europe Computer Aided Engineering (CAE) Market would witness market growth of 9.7% CAGR during the forecast period (2017 – 2023). The market would witness significant growth during the forecast period, as the integrated software solutions are used in eliminating the need for multiple prototypes and also handle product recall concerns. Finite Element Analysis (FEA) is a computational analysis methodology used to determine the strength of a product with respect to its loading. The use of FEA helps in stimulating real components, to analyze problems pertaining to heat transfer, structural analysis, electromagnetic potential, and mass transport. Computational fluid dynamics helps in qualitative prediction of fluid flow using mathematical modeling and software tools. CFD is widely used in analysis of turbulence, flow, and pressure distribution of gasses & liquids and their interaction with various structures. The development of application-specific software is the priority of the market players to offer customized process functions.

Based on Type, the market report segments the market into Finite Element Analysis, Computational Fluid Dynamics, Multibody Dynamics, and Optimization & Simulation. Based on Deployment Type, the market report segments the market into Finite Element Analysis, Computational Fluid Dynamics, Multibody Dynamics, and Optimization & Simulation.

Based on Vertical, the market report segments the market into Automotive, Aerospace & Defense, Healthcare, Industrial Equipment, Electronics, and Others.

Based on Countries, the Computer Aided Engineering (CAE) market segments the market into Germany, UK, France, Russia, Spain, Italy, and Rest of Europe.

The market research report covers the competition analysis of key stake holders of the Computer Aided Engineering (CAE) Market. Key companies profiled in the report

include Autodesk, Inc., Bentley Systems, Inc., ANSYS, Inc., Altair Engineering, Dassault Systèmes, ESI Group, Exa Corporation, Hexagon AB (MSC Software Corporation), and Siemens AG..

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