

Global Finite Element (FEA) Software Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

<https://marketpublishers.com/r/G288CE346EEGEN.html>

Date: December 2018

Pages: 119

Price: US\$ 3,480.00 (Single User License)

ID: G288CE346EEGEN

Abstracts

The global finite element analysis is one of the most important segments of simulation and analysis market. Production of next generation automobiles and aerospace technology will be a key trend for the growth of finite element analysis software market. The automotive OEMs are aggressively developing new automobile and components design such as next-generation IC engines and exhaust systems to curb the vehicular emission and its impact on environment. FEA software is the most cost-effective and fastest way to develop new product while improving quality and reliability of the product. FEA software also eliminates the hassle of multiple prototypes, product recalls and consumption of material, which is the major advantage of FEA software that is driving its growth in R&D facilities across various industries around the world.

SCOPE OF THE REPORT:

One major trend in the market is the emergence of cloud and mobile-based FEA software which represents a major development in the FEA market, as it enables designers and programmers to access the software and collaborate on results with anyone and from anywhere across the globe. The deployment of FEA in cloud also leads to a reduction in cost, low maintenance, and increases scalability.

Major driver in global finite element analysis software market is the introduction of new fabrication materials like shape-memory alloys (SMA?s) like Nitinol and composites like carbon-fiber-reinforced polymer (CFRP). These are some external events that can also affect engineering simulation software development. The introduction of new materials will push the software developers to exploit the opportunity in industries.

The global Finite Element (FEA) Software market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of xx%

between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Finite Element (FEA) Software.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

This report studies the Finite Element (FEA) Software market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Finite Element (FEA) Software market by product type and applications/end industries.

Market Segment by Companies, this report covers

Ansys

Dassault Systemes

MSC Software Corp

Siemens PLM Software

Altair Engineering

ESI Group

COMSOL

NEi Software

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

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

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Cloud Based

On-Premises

Market Segment by Applications, can be divided into

Small and Medium-Sized Enterprises

Large Enterprises

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