

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

Contents

1 FINITE ELEMENT (FEA) SOFTWARE MARKET OVERVIEW

- 1.1 Product Overview and Scope of Finite Element (FEA) Software
- 1.2 Classification of Finite Element (FEA) Software by Types
 - 1.2.1 Global Finite Element (FEA) Software Revenue Comparison by Types (2017-2023)
 - 1.2.2 Global Finite Element (FEA) Software Revenue Market Share by Types in 2017
 - 1.2.3 Cloud Based
 - 1.2.4 On-Premises
- 1.3 Global Finite Element (FEA) Software Market by Application
 - 1.3.1 Global Finite Element (FEA) Software Market Size and Market Share Comparison by Applications (2013-2023)
 - 1.3.2 Small and Medium-Sized Enterprises
 - 1.3.3 Large Enterprises
- 1.4 Global Finite Element (FEA) Software Market by Regions
 - 1.4.1 Global Finite Element (FEA) Software Market Size (Million USD) Comparison by Regions (2013-2023)
 - 1.4.1 North America (USA, Canada and Mexico) Finite Element (FEA) Software Status and Prospect (2013-2023)
 - 1.4.2 Europe (Germany, France, UK, Russia and Italy) Finite Element (FEA) Software Status and Prospect (2013-2023)
 - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia) Finite Element (FEA) Software Status and Prospect (2013-2023)
 - 1.4.4 South America (Brazil, Argentina, Colombia) Finite Element (FEA) Software Status and Prospect (2013-2023)
 - 1.4.5 Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa) Finite Element (FEA) Software Status and Prospect (2013-2023)
- 1.5 Global Market Size of Finite Element (FEA) Software (2013-2023)

2 MANUFACTURERS PROFILES

- 2.1 Ansys
 - 2.1.1 Business Overview
 - 2.1.2 Finite Element (FEA) Software Type and Applications
 - 2.1.2.1 Product A
 - 2.1.2.2 Product B
 - 2.1.3 Ansys Finite Element (FEA) Software Revenue, Gross Margin and Market Share

(2016-2017)

2.2 Dassault Systemes

2.2.1 Business Overview

2.2.2 Finite Element (FEA) Software Type and Applications

2.2.2.1 Product A

2.2.2.2 Product B

2.2.3 Dassault Systemes Finite Element (FEA) Software Revenue, Gross Margin and Market Share (2016-2017)

2.3 MSC Software Corp

2.3.1 Business Overview

2.3.2 Finite Element (FEA) Software Type and Applications

2.3.2.1 Product A

2.3.2.2 Product B

2.3.3 MSC Software Corp Finite Element (FEA) Software Revenue, Gross Margin and Market Share (2016-2017)

2.4 Siemens PLM Software

2.4.1 Business Overview

2.4.2 Finite Element (FEA) Software Type and Applications

2.4.2.1 Product A

2.4.2.2 Product B

2.4.3 Siemens PLM Software Finite Element (FEA) Software Revenue, Gross Margin and Market Share (2016-2017)

2.5 Altair Engineering

2.5.1 Business Overview

2.5.2 Finite Element (FEA) Software Type and Applications

2.5.2.1 Product A

2.5.2.2 Product B

2.5.3 Altair Engineering Finite Element (FEA) Software Revenue, Gross Margin and Market Share (2016-2017)

2.6 ESI Group

2.6.1 Business Overview

2.6.2 Finite Element (FEA) Software Type and Applications

2.6.2.1 Product A

2.6.2.2 Product B

2.6.3 ESI Group Finite Element (FEA) Software Revenue, Gross Margin and Market Share (2016-2017)

2.7 COMSOL

2.7.1 Business Overview

2.7.2 Finite Element (FEA) Software Type and Applications

2.7.2.1 Product A

2.7.2.2 Product B

2.7.3 COMSOL Finite Element (FEA) Software Revenue, Gross Margin and Market Share (2016-2017)

2.8 NEi Software

2.8.1 Business Overview

2.8.2 Finite Element (FEA) Software Type and Applications

2.8.2.1 Product A

2.8.2.2 Product B

2.8.3 NEi Software Finite Element (FEA) Software Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL FINITE ELEMENT (FEA) SOFTWARE MARKET COMPETITION, BY PLAYERS

3.1 Global Finite Element (FEA) Software Revenue and Share by Players (2013-2018)

3.2 Market Concentration Rate

3.2.1 Top 5 Finite Element (FEA) Software Players Market Share

3.2.2 Top 10 Finite Element (FEA) Software Players Market Share

3.3 Market Competition Trend

4 GLOBAL FINITE ELEMENT (FEA) SOFTWARE MARKET SIZE BY REGIONS

4.1 Global Finite Element (FEA) Software Revenue and Market Share by Regions

4.2 North America Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

4.3 Europe Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

4.4 Asia-Pacific Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

4.5 South America Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

4.6 Middle East and Africa Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA FINITE ELEMENT (FEA) SOFTWARE REVENUE BY COUNTRIES

5.1 North America Finite Element (FEA) Software Revenue by Countries (2013-2018)

5.2 USA Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

5.3 Canada Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

5.4 Mexico Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

6 EUROPE FINITE ELEMENT (FEA) SOFTWARE REVENUE BY COUNTRIES

6.1 Europe Finite Element (FEA) Software Revenue by Countries (2013-2018)

6.2 Germany Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

6.3 UK Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

6.4 France Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

6.5 Russia Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

6.6 Italy Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

7 ASIA-PACIFIC FINITE ELEMENT (FEA) SOFTWARE REVENUE BY COUNTRIES

7.1 Asia-Pacific Finite Element (FEA) Software Revenue by Countries (2013-2018)

7.2 China Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

7.3 Japan Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

7.4 Korea Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

7.5 India Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

7.6 Southeast Asia Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

8 SOUTH AMERICA FINITE ELEMENT (FEA) SOFTWARE REVENUE BY COUNTRIES

8.1 South America Finite Element (FEA) Software Revenue by Countries (2013-2018)

8.2 Brazil Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

8.3 Argentina Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

8.4 Colombia Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

9 MIDDLE EAST AND AFRICA REVENUE FINITE ELEMENT (FEA) SOFTWARE BY COUNTRIES

9.1 Middle East and Africa Finite Element (FEA) Software Revenue by Countries (2013-2018)

9.2 Saudi Arabia Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

9.3 UAE Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

9.4 Egypt Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

9.5 Nigeria Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

9.6 South Africa Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

10 GLOBAL FINITE ELEMENT (FEA) SOFTWARE MARKET SEGMENT BY TYPE

10.1 Global Finite Element (FEA) Software Revenue and Market Share by Type (2013-2018)

10.2 Global Finite Element (FEA) Software Market Forecast by Type (2018-2023)

10.3 Cloud Based Revenue Growth Rate (2013-2023)

10.4 On-Premises Revenue Growth Rate (2013-2023)

11 GLOBAL FINITE ELEMENT (FEA) SOFTWARE MARKET SEGMENT BY APPLICATION

11.1 Global Finite Element (FEA) Software Revenue Market Share by Application (2013-2018)

11.2 Finite Element (FEA) Software Market Forecast by Application (2018-2023)

11.3 Small and Medium-Sized Enterprises Revenue Growth (2013-2018)

11.4 Large Enterprises Revenue Growth (2013-2018)

12 GLOBAL FINITE ELEMENT (FEA) SOFTWARE MARKET SIZE FORECAST (2018-2023)

12.1 Global Finite Element (FEA) Software Market Size Forecast (2018-2023)

12.2 Global Finite Element (FEA) Software Market Forecast by Regions (2018-2023)

12.3 North America Finite Element (FEA) Software Revenue Market Forecast (2018-2023)

12.4 Europe Finite Element (FEA) Software Revenue Market Forecast (2018-2023)

12.5 Asia-Pacific Finite Element (FEA) Software Revenue Market Forecast (2018-2023)

12.6 South America Finite Element (FEA) Software Revenue Market Forecast (2018-2023)

12.7 Middle East and Africa Finite Element (FEA) Software Revenue Market Forecast (2018-2023)

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

14.1 Methodology

14.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Finite Element (FEA) Software Picture

Table Product Specifications of Finite Element (FEA) Software

Table Global Finite Element (FEA) Software and Revenue (Million USD) Market Split by Product Type

Figure Global Finite Element (FEA) Software Revenue Market Share by Types in 2017

Figure Cloud Based Picture

Figure On-Premises Picture

Table Global Finite Element (FEA) Software Revenue (Million USD) by Application (2013-2023)

Figure Finite Element (FEA) Software Revenue Market Share by Applications in 2017

Figure Small and Medium-Sized Enterprises Picture

Figure Large Enterprises Picture

Table Global Market Finite Element (FEA) Software Revenue (Million USD) Comparison by Regions 2013-2023

Figure North America Finite Element (FEA) Software Revenue (Million USD) and Growth Rate (2013-2023)

Figure Europe Finite Element (FEA) Software Revenue (Million USD) and Growth Rate (2013-2023)

Figure Asia-Pacific Finite Element (FEA) Software Revenue (Million USD) and Growth Rate (2013-2023)

Figure South America Finite Element (FEA) Software Revenue (Million USD) and Growth Rate (2013-2023)

Figure Middle East and Africa Finite Element (FEA) Software Revenue (Million USD) and Growth Rate (2013-2023)

Figure Global Finite Element (FEA) Software Revenue (Million USD) and Growth Rate (2013-2023)

Table Ansys Basic Information, Manufacturing Base and Competitors

Table Ansys Finite Element (FEA) Software Type and Applications

Table Ansys Finite Element (FEA) Software Revenue, Gross Margin and Market Share (2016-2017)

Table Dassault Systemes Basic Information, Manufacturing Base and Competitors

Table Dassault Systemes Finite Element (FEA) Software Type and Applications

Table Dassault Systemes Finite Element (FEA) Software Revenue, Gross Margin and Market Share (2016-2017)

Table MSC Software Corp Basic Information, Manufacturing Base and Competitors

Table MSC Software Corp Finite Element (FEA) Software Type and Applications

Table MSC Software Corp Finite Element (FEA) Software Revenue, Gross Margin and Market Share (2016-2017)

Table Siemens PLM Software Basic Information, Manufacturing Base and Competitors

Table Siemens PLM Software Finite Element (FEA) Software Type and Applications

Table Siemens PLM Software Finite Element (FEA) Software Revenue, Gross Margin and Market Share (2016-2017)

Table Altair Engineering Basic Information, Manufacturing Base and Competitors

Table Altair Engineering Finite Element (FEA) Software Type and Applications

Table Altair Engineering Finite Element (FEA) Software Revenue, Gross Margin and Market Share (2016-2017)

Table ESI Group Basic Information, Manufacturing Base and Competitors

Table ESI Group Finite Element (FEA) Software Type and Applications

Table ESI Group Finite Element (FEA) Software Revenue, Gross Margin and Market Share (2016-2017)

Table COMSOL Basic Information, Manufacturing Base and Competitors

Table COMSOL Finite Element (FEA) Software Type and Applications

Table COMSOL Finite Element (FEA) Software Revenue, Gross Margin and Market Share (2016-2017)

Table NEi Software Basic Information, Manufacturing Base and Competitors

Table NEi Software Finite Element (FEA) Software Type and Applications

Table NEi Software Finite Element (FEA) Software Revenue, Gross Margin and Market Share (2016-2017)

Table Global Finite Element (FEA) Software Revenue (Million USD) by Players (2013-2018)

Table Global Finite Element (FEA) Software Revenue Share by Players (2013-2018)

Figure Global Finite Element (FEA) Software Revenue Share by Players in 2016

Figure Global Finite Element (FEA) Software Revenue Share by Players in 2017

Figure Global Top 5 Players Finite Element (FEA) Software Revenue Market Share in 2017

Figure Global Top 10 Players Finite Element (FEA) Software Revenue Market Share in 2017

Figure Global Finite Element (FEA) Software Revenue (Million USD) and Growth Rate (%) (2013-2018)

Table Global Finite Element (FEA) Software Revenue (Million USD) by Regions (2013-2018)

Table Global Finite Element (FEA) Software Revenue Market Share by Regions (2013-2018)

Figure Global Finite Element (FEA) Software Revenue Market Share by Regions

(2013-2018)

Figure Global Finite Element (FEA) Software Revenue Market Share by Regions in 2017

Figure North America Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Figure Europe Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Figure Asia-Pacific Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Figure South America Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Figure Middle East and Africa Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Table North America Finite Element (FEA) Software Revenue by Countries (2013-2018)

Table North America Finite Element (FEA) Software Revenue Market Share by Countries (2013-2018)

Figure North America Finite Element (FEA) Software Revenue Market Share by Countries (2013-2018)

Figure North America Finite Element (FEA) Software Revenue Market Share by Countries in 2017

Figure USA Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Figure Canada Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Figure Mexico Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Table Europe Finite Element (FEA) Software Revenue (Million USD) by Countries (2013-2018)

Figure Europe Finite Element (FEA) Software Revenue Market Share by Countries (2013-2018)

Figure Europe Finite Element (FEA) Software Revenue Market Share by Countries in 2017

Figure Germany Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Figure UK Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Figure France Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Figure Russia Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Figure Italy Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Table Asia-Pacific Finite Element (FEA) Software Revenue (Million USD) by Countries (2013-2018)

Figure Asia-Pacific Finite Element (FEA) Software Revenue Market Share by Countries (2013-2018)

Figure Asia-Pacific Finite Element (FEA) Software Revenue Market Share by Countries in 2017

Figure China Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Figure Japan Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Figure Korea Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Figure India Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Figure Southeast Asia Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Table South America Finite Element (FEA) Software Revenue by Countries (2013-2018)

Table South America Finite Element (FEA) Software Revenue Market Share by Countries (2013-2018)

Figure South America Finite Element (FEA) Software Revenue Market Share by Countries (2013-2018)

Figure South America Finite Element (FEA) Software Revenue Market Share by Countries in 2017

Figure Brazil Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Figure Argentina Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Figure Colombia Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Table Middle East and Africa Finite Element (FEA) Software Revenue (Million USD) by Countries (2013-2018)

Table Middle East and Africa Finite Element (FEA) Software Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Finite Element (FEA) Software Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Finite Element (FEA) Software Revenue Market Share by Countries in 2017

Figure Saudi Arabia Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Figure UAE Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Figure Egypt Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Figure Nigeria Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Figure South Africa Finite Element (FEA) Software Revenue and Growth Rate (2013-2018)

Table Global Finite Element (FEA) Software Revenue (Million USD) by Type (2013-2018)

Table Global Finite Element (FEA) Software Revenue Share by Type (2013-2018)

Figure Global Finite Element (FEA) Software Revenue Share by Type (2013-2018)

Figure Global Finite Element (FEA) Software Revenue Share by Type in 2017

Table Global Finite Element (FEA) Software Revenue Forecast by Type (2018-2023)

Figure Global Finite Element (FEA) Software Market Share Forecast by Type (2018-2023)

Figure Global Cloud Based Revenue Growth Rate (2013-2018)

Figure Global On-Premises Revenue Growth Rate (2013-2018)

Table Global Finite Element (FEA) Software Revenue by Application (2013-2018)

Table Global Finite Element (FEA) Software Revenue Share by Application (2013-2018)

Figure Global Finite Element (FEA) Software Revenue Share by Application (2013-2018)

Figure Global Finite Element (FEA) Software Revenue Share by Application in 2017

Table Global Finite Element (FEA) Software Revenue Forecast by Application (2018-2023)

Figure Global Finite Element (FEA) Software Market Share Forecast by Application (2018-2023)

Figure Global Small and Medium-Sized Enterprises Revenue Growth Rate (2013-2018)

Figure Global Large Enterprises Revenue Growth Rate (2013-2018)

Figure Global Finite Element (FEA) Software Revenue (Million USD) and Growth Rate Forecast (2018 -2023)

Table Global Finite Element (FEA) Software Revenue (Million USD) Forecast by Regions (2018-2023)

Figure Global Finite Element (FEA) Software Revenue Market Share Forecast by Regions (2018-2023)

Figure North America Finite Element (FEA) Software Revenue Market Forecast (2018-2023)

Figure Europe Finite Element (FEA) Software Revenue Market Forecast (2018-2023)

Figure Asia-Pacific Finite Element (FEA) Software Revenue Market Forecast (2018-2023)

Figure South America Finite Element (FEA) Software Revenue Market Forecast (2018-2023)

Figure Middle East and Africa Finite Element (FEA) Software Revenue Market Forecast (2018-2023)

I would like to order

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

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

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

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G288CE346EEGEN.html>

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

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

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

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

