Global FEA Market in Electrical and Electronics Industry 2015-2019

Description: About FEA

FEA, a software used in engineering, aims to evaluate the functionality of a product design before its prototypes are produced. FEA software is used in manufacturing industries for the estimation of structural strength and behaviour, modeling, simulation, and design optimization. This software helps end-users to produce quality products, reduce cost, provide better product design, and fasten the product development time. It is used in the automotive, aerospace and defense, electrical and electronics, and industrial machinery industries.

Technavios analysts forecast the global FEA market in the electrical and electronics industry to grow at a CAGR of 13.55% over the period 2014-2019.

Covered in this report

The report, Global FEA Market in Electrical and Electronics Industry 2015-2019, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the Americas, APAC and EMEA; it also covers the market landscape and its growth prospects in the coming years. The report also includes a discussion of the key vendors operating in this market.

Key regions
Américas
APAC
EMEA

Key vendors
ANSYS
DassaultSystmes
MSC Software
Siemens PLM Software

Other prominent vendors
Altair
Aspen Technology
Autodesk
CD-adapco
COMSOL
ESI Group
NEI Software

Market drivers
Involvement of inspection agencies in product development
For a full, detailed list, view the full report

Market challenges
High cost of FEA
For a full, detailed list, view the full report

Market trend
Use of FEA to develop IoT supporting devices
For a full, detailed list, view the full report

Key questions answered in this report
What will the market size be in 2019 and what will the growth rate be?
What are the key market trends?
What is driving this market?
What are the challenges to market growth?
Who are the key vendors in this market space
What are the market opportunities and threats faced by the key vendors
What are the strengths and weaknesses of the key vendors

Contents:

PART 01: Executive summary
   Highlights

PART 02: Scope of the report
   Market overview
   Top-vendor offerings

PART 03: Market research methodology
   Research methodology
   Economic indicators

PART 04: Introduction
   Key market highlights

PART 05: PLM market overview

PART 06: FEA selection process map

PART 07: FEA cost breakdown analysis
   Linear static problem
   General problem

PART 08: Market landscape
   Global FEA market in electrical and electronics industry
   Five forces analysis

PART 09: Geographical segmentation
   FEA market in electrical and electronics industry in the Americas
   FEA market in electrical and electronics industry in APAC
   FEA market in electrical and electronics industry in EMEA

PART 10: Market drivers

PART 11: Impact of drivers

PART 12: Market challenges

PART 13: Impact of drivers and challenges

PART 14: Market trends

PART 15: Vendor landscape
   Competitive landscape

PART 16: Key vendor analysis
   ANSYS
   Dassault Systèmes
   Siemens PLM Software
   MSC Software

PART 17: Other prominent vendors
   Altair Engineering
   Aspen Technology
   Autodesk
   CD-adapco
   COMSOL
   ESI Group
   NEi
PART 18: Appendix
List of abbreviations

PART 19: About the Author

List of Exhibits
Exhibit 01: Product offerings
Exhibit 02: Major advantages of PLM
Exhibit 03: PLM software in product development process
Exhibit 04: Process selection map of an FEA solution
Exhibit 05: Global FEA market in electrical and electronics industry 2014-2019 ($ millions)
Exhibit 06: Five forces analysis
Exhibit 07: Global FEA market in electrical and electronics industry by geographical segmentation 2014 and 2019
Exhibit 08: FEA market in electrical and electronics industry in the Americas 2014-2019 ($ millions)
Exhibit 09: FEA market in electrical and electronics industry in the Americas by geographical segmentation 2014-2019 ($ millions)
Exhibit 10: FEA market in electrical and electronics industry in the US 2014-2019 ($ millions)
Exhibit 11: FEA market in electrical and electronics industry in Canada 2014-2019 ($ millions)
Exhibit 12: FEA market in electrical and electronics industry in Mexico 2014-2019 ($ millions)
Exhibit 13: FEA market in electrical and electronics industry in APAC 2014-2019 ($ millions)
Exhibit 14: FEA market in electrical and electronics industry in Japan 2014-2019 ($ millions)
Exhibit 15: FEA market in electrical and electronics industry in China 2014-2019 ($ millions)
Exhibit 16: FEA market in electrical and electronics industry in South Korea 2014-2019 ($ millions)
Exhibit 17: FEA market in electrical and electronics industry in India 2014-2019 ($ millions)
Exhibit 18: FEA market in electrical and electronics industry in EMEA 2014-2019 ($ millions)
Exhibit 19: FEA market in electrical and electronics industry in EMEA by geographical segmentation 2014-2019 ($ millions)
Exhibit 20: FEA market in electrical and electronics industry in Germany 2014-2019 (millions)
Exhibit 21: FEA market in electrical and electronics industry in the UK 2014-2019 ($ millions)
Exhibit 22: FEA market in electrical and electronics industry in France 2014-2019 ($ millions)
Exhibit 23: Impact of drivers
Exhibit 24: Impact of drivers and challenges
Exhibit 25: Geographical segmentation by revenue 2014
Exhibit 26: Business segmentation by revenue 2014
Exhibit 27: Business segmentation by revenue 2013 and 2014 ($ billions)
Exhibit 28: Geographical segmentation by revenue 2014
Exhibit 29: Business segment comparison by revenue 2014 and 2013
Exhibit 30: Geographic segmentation by revenue 2014
Exhibit 31: Business segmentation by revenue 2015
Exhibit 32: Business segmentation by revenue 2014 and 2015
Exhibit 33: ESI Group: Revenues by segment 2014 and 2015
Exhibit 34: ESI Group: Geographical segmentation by revenue 2015

Ordering: Order Online - http://www.researchandmarkets.com/reports/3505490/
Order by Fax - using the form below
Order by Post - print the order form below and send to
Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

- **Product Name:** Global FEA Market in Electrical and Electronics Industry 2015-2019
- **Web Address:** [http://www.researchandmarkets.com/reports/3505490/](http://www.researchandmarkets.com/reports/3505490/)
- **Office Code:** SCBRX6J8

### Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Product Format</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>□</td>
<td>Electronic (PDF) - Single User</td>
<td>USD 3000</td>
</tr>
<tr>
<td>□</td>
<td>Electronic (PDF) - 1 - 5 Users</td>
<td>USD 3500</td>
</tr>
<tr>
<td>□</td>
<td>Electronic (PDF) - Site License</td>
<td>USD 4500</td>
</tr>
<tr>
<td>□</td>
<td>Electronic (PDF) - Enterprisewide</td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in **BLOCK CAPITALS**

- **Title:** [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
- **First Name:** ____________________________  **Last Name:** ____________________________
- **Email Address:** * ____________________________
- **Job Title:** ____________________________
- **Organisation:** ____________________________
- **Address:** ____________________________
- **City:** ____________________________
- **Postal / Zip Code:** ____________________________
- **Country:** ____________________________
- **Phone Number:** ____________________________
- **Fax Number:** ____________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp