Smart Motors Market by Component (VSD, MCC, Motor), by Application (Industrial, Commercial, Automotive, Consumer Electronics, and Aerospace & Defense) and Geography - Analysis & Forecast to 2020

Description: The report aims at estimating the market size and future growth potential of the smart motors market based on different components and applications across regions. The base year considered for the study is 2014 and the market is forecast from 2015 to 2020. The market on the basis of component has been classified into variable speed drive, motor control center, and motors.

Based on applications, the market has been segmented into industrial, commercial, automotive, consumer electronics, and aerospace & defense sectors. The market on the basis of geography has been segmented into the Americas, Europe, APAC, and RoW. Considering the increasing demand for smart motors in the industrial and commercial sectors, the growth of this market is estimated to be high. Also considering the technical benefits achieved using variable speed drives and intelligent motor controllers, the installation rate of smart motors is projected to increase by 2020.

The research methodology used to estimate and forecast the smart motors market began with capturing data on key vendor revenue through the secondary research. The vendor offerings have also been taken into consideration to determine the market segmentation. The bottom-up procedure has been employed to arrive at the overall size of the global market from the revenue of key players in the market. After arriving at the overall market size, the total market has been split into several segments and sub-segments which have then been verified through the primary research by conducting extensive interviews with key people such as CEOs, VPs, directors, and executives. The market breakdown and data triangulation procedure has been employed to complete the overall market engineering process and arrive at the exact statistics for all segments and sub-segments.

The smart motor ecosystem includes component manufacturers and suppliers, motor manufacturers/integrators, smart motor suppliers, distributors, and end users, as important elements.

The smart motor ecosystem comprises major market players such as Rockwell Automation, Inc. (U.S.), Moog, Inc. (U.S.), Fuji Electric Co. Ltd. (Japan), ABB Ltd. (Switzerland), General Electric (U.S.), Siemens AG (Germany), Schneider Electric SE (France), Technosoft SA (Switzerland), RobotShop, Inc. (Quebec), and Robeteq, Inc. (U.S.).

Target Audience of the Report:

The intended audience for this report includes:

- Smart motor components and products providers
- Smart motor product integrators
- Research organizations and manufacturing companies
- Energy conservation related associations, organizations, forums, and alliances
- Government, commercial institutes, and industrial plants
- Venture capitalists, private equity firms, and startup companies
- Distributors and traders
- Forums, alliances, and associations
- End users who want to know more about smart motors and latest technological developments in this market

Scope of the Report

The research report segments the smart motor market into following submarkets:

- By Application:
  -- Industrial
  -- Commercial
-- Automotive
-- Consumer Electronics
-- Aerospace & Defense
- By Component:
-- Variable Speed Drive
-- Motor Control Center
-- Motor

Contents:

1 Introduction
  1.1 Objectives of the Study
  1.2 Market Definition
  1.3 Market Scope
    1.3.1 Markets Covered
  1.4 Currency
  1.5 Limitation
  1.6 Stakeholders

2 Research Design
  2.1 Market Size Estimation
    2.1.1 Bottom-Up Approach
    2.1.2 Top-Down Approach
  2.2 Market Breakdown and Data Trangulation
  2.3 Market Share Estimation
    2.3.1 Key Data From Secondary Sources
    2.3.2 Key Data From Primary Sources
  2.4 Assumptions

3 Executive Summary

4 Premium Insights
  4.1 Opportunities in the Smart Motors Market
  4.2 Market-Top Application Segments
  4.3 Market Based on Geography
  4.4 APAC Dominated the Market
  4.5 Global Market Size Based on Component (2014, 2015, and 2020)

5 Market Overview
  5.1 Introduction
  5.2 Market Segmentation
  5.3 Market Dynamics
    5.3.1 Drivers
      5.3.1.1 Requirement of Less Onsite and Wiring Space
      5.3.1.2 Cost Reduction While Increasing the Effectiveness of the Equipment
    5.3.2 Restraints
      5.3.2.1 Low Rate of Implementation
      5.3.2.2 Additional Considerations for Variable Frequency Drives (VFD)
    5.3.3 Opportunities
      5.3.3.1 Increasing Scope in the Industrial Sector
      5.3.3.2 Increasing Application Areas of Smart Motors
    5.3.4 Challenges
      5.3.4.1 Tedious Fault Detection Techniques

6 Industry Trends
  6.1 Introduction
  6.2 Value Chain Analysis
  6.3 Porter's Analysis
    6.3.1 Threat of New Entrants
    6.3.2 Threat of Substitutes
    6.3.3 Bargaining Power of Suppliers
    6.3.4 Bargaining Power of Buyers
    6.3.5 Degree of Competition
7 Market, By Component
  7.1 Introduction
  7.2 Variable Speed Drive
  7.3 Intelligent Motor Control Center
  7.4 Motor

8 Market, By Application
  8.1 Introduction
  8.2 Industrial
  8.3 Commercial
  8.4 Automotive
  8.5 Consumer Electronics
  8.6 Aerospace & Defense

9 Market, By Geography
  9.1 Introduction
  9.2 The Americas
    9.2.1 North America
    9.2.2 South America
  9.3 Europe
    9.3.1 U.K.
    9.3.2 Germany
    9.3.3 France
    9.3.4 Rest of Europe (RoE)
  9.4 APAC
    9.4.1 China
    9.4.2 Japan
    9.4.3 India
    9.4.4 RoAPAC
  9.5 Rest of the World (RoW)
    9.5.1 Middle East
    9.5.2 Africa

10 Competitive Landscape
  10.1 Overview
  10.2 Market Share Analysis, Smart Motors Market
  10.3 Competitive Situations and Trends
    10.3.1 New Product Launches

11 Company Profiles
  11.1 Rockwell Automation, Inc
    11.1.1 Business Overview
    11.1.2 Products Offered
    11.1.3 Recent Developments
      11.1.3.1 MnM View
        11.1.3.1.1 SWOT Analysis
  11.2 Moog Animatics
    11.2.1 Business Overview
    11.2.2 Products Offered
      11.2.2.1 MnM View
        11.2.2.1.1 SWOT Analysis
  11.3 Siemens AG
    11.3.1 Business Overview
    11.3.2 Products Offered
      11.3.2.1 MnM View
        11.3.2.1.1 SWOT Analysis
  11.4 Robotshop, Inc.
    11.4.1 Business Overview
    11.4.2 Products Offered
  11.5 General Electric Co.34
    11.5.1 Business Overview
    11.5.2 Products Offered
    11.5.3 Recent Developments
11.5.3.1 MnM View
11.5.3.1.1 SWOT Analysis

11.6 Roboteq, Inc.
11.6.1 Business Overview
11.6.2 Products Offered
11.6.3 Recent Developments

11.7 ABB Ltd.
11.7.1 Business Overview
11.7.2 Products Offered
11.7.3 Recent Developments
11.7.3.1 MnM View
11.7.3.1.1 SWOT Analysis

11.8 FUJI Electric Co. Ltd.
11.8.1 Business Overview
11.8.2 Products Offered

11.9 Technosoft Sa
11.9.1 Business Overview
11.9.2 Products Offered
11.9.3 Recent Developments

11.10 Schneider Electric SE
11.10.1 Business Overview
11.10.2 Products Offered

12 Appendix
12.1 Insights of Industry Experts
12.2 Discussion Guide
12.3 Introducing RT: Real Time Market Intelligence
12.4 Available Customizations
12.5 Related Reports

List of Tables

Table 1 Global Smart Motors Market Size, By Component, 2013-2020 (USD Million)
Table 2 Americas: Smart Motors Market Size, By Application, 2013-2020 (USD Million)
Table 3 Market Size, By Component, 2013-2020 (USD Million)
Table 4 Restraint Analysis
Table 5 Market, By Component, 2013-2020 (USD Million)
Table 6 VSD: Smart Motors Market , By Geography, 2013-2020 (USD Million)
Table 7 VSD: Market in the Americas, By Region, 2013-2020 (USD Million)
Table 8 VSD: Market in Europe, By Geography, 2013-2020 (USD Million)
Table 9 VSD: Market in APAC, By Geography, 2013-2020 (USD Million)
Table 10 VSD: Market in RoW, By Region, 2013-2020 (USD Million)
Table 11 MCC: Smart Motors Market, By Region, 2013-2020 (USD Million)
Table 12 MCC: Market in the Americas , By Region, 2013-2020 (USD Million)
Table 13 MCC: Market in Europe, By Geography, 2013-2020 (USD Million)
Table 14 MCC: Market in APAC , By Geography, 2013-2020 (USD Million)
Table 15 MCC: Market in RoW, By Region, 2013-2020 (USD Million)
Table 16 Motor: Smart Motors Market , By Region, 2013-2020 (USD Million)
Table 17 Motor: Market in the Americas , By Region, 2013-2020 (USD Million)
Table 18 Motor: Market in Europe, By Geography, 2013-2020 (USD Million)
Table 19 Motor: Market in APAC, By Geography, 2013-2020 (USD Million)
Table 20 Motor: Market in RoW, By Region, 2013-2020 (USD Million)
Table 21 Market Size, By Application, 2013-2020 (USD Million)
Table 22 Industrial Market Size, By Geography, 2013-2020 (USD Million)
Table 23 Americas: Smart Motors Market Size for Industrial Application, By Region, 2013-2020 (USD Million)
Table 24 Europe: Smart Motors Market Size for the Industrial Application, By Geography, 2013-2020 (USD Million)
Table 25 APAC: Market Size for the Industrial Application, By Geography, 2013-2020 (USD Million)
Table 26 RoW: Market Size for the Industrial Application, By Region, 2013-2020 (USD Million)
Table 27 Market Size for the Commercial Application, By Region, 2013-2020 (USD Million)
Table 28 Americas: Smart Motors Market Size for the Commercial Application, By Region, 2013-2020 (USD Million)
Table 29 Europe: Market Size for the Commercial Application, By Geography, 2013-2020 (USD Million)
Table 30 APAC: Smart Motors Market Size for the Commercial Application, By Geography, 2013-2020 (USD Million)
Table 31 RoW: Smart Motors Market Size for the Commercial Application, By Region, 2013-2020 (USD Million)
Table 32 Market Size for the Automotive Application, By Region, 2013-2020 (USD Million)
Table 33 Americas: Smart Motors Market Size for the Automotive Application, By Region, 2013-2020 (USD Million)
Table 34 Europe: Market Size for the Automotive Application, By Geography, 2013-2020 (USD Million)
Table 35 APAC: Smart Motors Market Size for the Automotive Application, By Geography, 2013-2020 (USD Million)
Table 36 RoW: Smart Motors Market Size for the Automotive Application, By Region, 2013-2020 (USD Million)
Table 37 Market Size for the Consumer Electronics Application, By Region, 2013-2020 (USD Million)
Table 38 Americas: Market Size for the Consumer Electronics Application, By Region, 2013-2020 (USD Million)
Table 39 Europe: Smart Motors Market Size for the Consumer Electronics Application, By Geography, 2013-2020 (USD Million)
Table 40 APAC: Smart Motors Market Size for the Consumer Electronics Application, By Geography, 2013-2020 (USD Million)
Table 41 RoW: Smart Motors Market Size for the Consumer Electronics Application, By Region, 2013-2020 (USD Million)
Table 42 Market Size for the Aerospace & Defense Application, By Region, 2013-2020 (USD Million)
Table 43 Americas: Market Size for the Aerospace & Defense Application, By Region, 2013-2020 (USD Million)
Table 44 Europe: Smart Motors Market Size for the Aerospace & Defense Application, By Geography, 2013-2020 (USD Million)
Table 45 APAC: Smart Motors Market Size for the Aerospace & Defense Application, By Region, 2013-2020 (USD Million)
Table 46 RoW: Market Size for the Aerospace & Defense Application, By Geography, 2013-2020 (USD Million)
Table 47 Market Size, By Region, 2013-2020 (USD Million)
Table 48 Americas: Smart Motors Market Size, By Region, 2013-2020 (USD Million)
Table 49 Americas: Market Size, By Application, 2013-2020 (USD Million)
Table 50 North America: Smart Motors Market Size, By Application, 2013-2020 (USD Million)
Table 51 South America: Market Size, By Application, 2013-2020 (USD Million)
Table 52 Europe: Smart Motors Market Size, By Geography, 2013-2020 (USD Million)
Table 53 Europe: Market Size, By Application, 2013-2020 (USD Million)
Table 54 U.K: Smart Motors Market Size, By Application, 2013-2020 (USD Million)
Table 55 Germany: Smart Motors Market Size, By Application, 2013-2020 (USD Million)
Table 56 France: Market Size, By Application, 2013-2020 (USD Million)
Table 57 RoE: Smart Motors Market Size, By Application, 2013-2020 (USD Million)
Table 58 APAC: Market Size, By Geography, 2013-2020 (USD Million)
Table 59 APAC: Smart Motors Market Size, By Application, 2013-2020 (USD Million)
Table 60 China: Market Size, By Application, 2013-2020 (USD Million)
Table 61 Japan: Smart Motors Market Size, By Application, 2013-2020 (USD Million)
Table 62 India: Smart Motors Market Size, By Application, 2013-2020 (USD Million)
Table 63 RoAPAC: Smart Motors Market Size, By Application, 2013-2020 (USD Million)
Table 64 RoW: Market Size, By Region, 2013-2020 (USD Million)
Table 65 RoW: Market Size, By Application, 2013-2020 (USD Million)
Table 66 Middle East: Smart Motors Market Size, By Application, 2013-2020 (USD Million)
Table 67 Africa: Market Size, By Application, 2013-2020 (USD Million)
Table 68 Global Market Ranking, By Key Player, 2014
Table 69 New Product Launches, 2013-2015

List of Figures

Figure 1 Markets Covered
Figure 2 Market Segments
Figure 3 Years Considered for the Study
Figure 4 Smart Motors Market: Research Design
Figure 5 Market Size Estimation Methodology: Bottom-Up Approach
Figure 6 Market Size Estimation Methodology: Top-Down Approach
Figure 7 Market: Data Triangulation Model
Figure 8 Market, By Application, Snapshot (2013-2020): the Industrial Application Expected to Witness A High Growth
Figure 9 Market, By Geography, Snapshot (2013 vs 2020): APAC to Witness the Highest Growth During the Forecast Period
Figure 10 Attractive Market Opportunities for the Market (2015-2020)
Figure 11 Industrial Application Expected to Hold the Largest Market Share During the Forecast Period
Figure 12 North America Held the Largest Share in the Market
Figure 13 India and China Expected to Grow at the Highest Rate By 2020
Figure 14 Motors Held the Largest Share in the Global Market on the Basis of Component
Figure 15 Drivers, Restraints, Opportunities, and Challenges for the Smart Motor Market
Figure 16 Value Chain Analysis
Figure 17 Porter's Analysis
Figure 18 Porter's Analysis: Smart Motors Market
Figure 19 Threat of New Entrants
Figure 20 Threat of Substitutes
Figure 21 Bargaining Power of Suppliers
Figure 22 Bargaining Power of Buyers
Figure 23 Degree of Competition
Figure 24 Smart Motor Market, By Application (USD Million)
Figure 25 Geographic Snapshot of the Smart Motors Market (2015-2020)
Figure 26 Americas: Smart Motors Market Snapshot
Figure 27 U.K. Held the Largest Share of the European Smart Motors Market
Figure 28 APAC: Market Snapshot-China is the Most Lucrative Market
Figure 29 Companies Adopted New Product Launches and Partnerships as the Key Growth Strategies Between 2013 and 2015
Figure 30 Rockwell Automation, Inc.: Company Snapshot
Figure 31 Rockwell Automation, Inc: SWOT Analysis
Figure 32 Moog, Inc.: Company Snapshot
Figure 33 Moog Animatics: SWOT Analysis
Figure 34 Siemens AG: Company Snapshot
Figure 35 Siemens AG: SWOT Analysis
Figure 36 Roboteq, Inc.: Company Snapshot
Figure 37 General Electric Company: Company Snapshot
Figure 38 General Electric Company: SWOT Analysis
Figure 39 Robotshop, Inc.: Company Snapshot
Figure 40 ABB Ltd.: Company Snapshot
Figure 41 ABB Ltd.: SWOT Analysis
Figure 42 FUJI Electric Co. Ltd.: Company Snapshot
Figure 43 Technosoft Sa: Company Snapshot
Figure 44 Schneider Electric SE: Company Snapshot

Ordering:

Order Online - [http://www.researchandmarkets.com/reports/3515849/](http://www.researchandmarkets.com/reports/3515849/)

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: Smart Motors Market by Component (VSD, MCC, Motor), by Application (Industrial, Commercial, Automotive, Consumer Electronics, and Aerospace & Defense) and Geography - Analysis & Forecast to 2020
Web Address: http://www.researchandmarkets.com/reports/3515849/
Office Code: SCH35W7D

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

<table>
<thead>
<tr>
<th>Product Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User</td>
<td></td>
<td>USD 5650</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users</td>
<td></td>
<td>USD 6650</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License</td>
<td></td>
<td>USD 8150</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide</td>
<td></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

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World