Robotic Process Automation Market - Global Forecast to 2022

Description: The robotic process automation market is estimated to reach USD 2,467.0 million by 2022, at a CAGR of 30.14% between 2017 and 2022. The major factors that have propelled market growth are ease in business processes offered by robotic process automation, and convergence of robotic process automation with traditional business process industries. The major restraints of the robotic process automation market are risk of data security, which hinders the implementation of robotic process automation in the financial domain, and the reduced potential of robotic process automation for knowledge-based business processes.

Based on process, the automated solutions market for robotic process automation is expected to grow at the highest CAGR between 2016 and 2022. The banking, financial services, and insurance domain has been leveraging robotics process automation to improve competence and speed up business processes. Due to the high degree of flexibility and scalability of the solution, and greater requirement for data processing and workflow management, it has witnessed widespread deployment.

Rule-based robotic process automation held a larger market share vs. knowledge-based operations in 2016. Business processes require a highly flexible and reusable model that can be rapidly configured. Software programming is required to some extent for back-end business operations and for ongoing business processes, which are validated and tested against business logic. Rule-based robotic process automation is used for repetitive administrative tasks in the context of constant business behavior.

The BFSI domain held the largest share of the robotic process automation market among all the industries in 2016. In the BFSI space, multiple systems are linked to each other by interfaces to enable the flow of transaction-related data. Robotic process automation controls and monitors these interfaces to ensure seamless execution of transactions and fill data gaps. Robotic process automation improves the accuracy and efficiency of different processes in the BFSI industry. These solutions also help in regulatory reporting and balance sheet reconciliation by collating data from multiple systems and conducting a host of validation checks to prepare information for a detailed analysis.

The robotic process automation market for Asia Pacific is expected to grow at the highest rate between 2017 and 2022 among all the regions in 2016. This is mainly attributed to the presence of the outsourcing industry in countries such as India and China. Increased operational efficiency and lower costs, with reduction in full-time employee, are the other benefits associated with robotic process automation.

Breakdown of the profiles of the primary participants for the report are as follows:

- By Company Type: Tier 1 - 52%, Tier 2 - 16%, and Tier 3 - 32%
- By Designation: C-Level Executives - 29%, Directors - 39%, and Others - 32%
- By Region: North America - 44%, Europe - 32%, APAC - 19%, and RoW - 5%

Key players in the market include Automation Anywhere (U.S.), Blue Prism (U.K.), Celaton Ltd (U.K.), IPSoft (U.S.), Nice Systems Ltd. (Israel), Pegasystems (U.S.), Redwood Software (U.S.), UiPath (U.K.), Verint (U.S.), and Xerox Corporation (U.S.).

Research Coverage:

The research report on the global robotic process automation market covers segments such as operations, process, type, industry, and region. The market has been segmented on the basis of operations into rule-based and knowledge-based. Based on process, the robotic process automation market has been classified into automated solution, decision support, and management solutions and interaction solutions. The report covers two types of robotic process automation-tools and services. The robotic process automation market has been segmented on the basis of industries into banking, financial services, and insurance; healthcare and pharmaceuticals; manufacturing and logistics; telecom and IT; retail and consumer goods; travel, hospitality, and transportation; and others. The report covers four major geographic regions, namely North America, Europe, Asia Pacific, and Rest of the World (RoW).

Key Benefits of Buying the Report:
- Illustrative segmentation, analysis, and forecast for the market-by operations, process, type, industry, and region-has been conducted to provide an overview of the robotic process automation market.
- Porter's five forces framework has been used, along with the value chain analysis, to provide an in-depth insight into the robotic process automation market.
- The major drivers, restraints, opportunities, and challenges for the robotic process automation market have been detailed in this report.
- The detailed competitive landscape includes key players, in-depth analysis, and market share of the key players.

Contents:

1 Introduction
   1.1 Objectives of the Study
   1.2 Market Definition
   1.3 Study Scope
   1.3.1 Markets Covered
   1.3.2 Years Considered for the Study
   1.4 Currency
   1.5 Limitations
   1.6 Stakeholders

2 Research Methodology
   2.1 Research Data
      2.1.1 Secondary Data
      2.1.1.1 Key Data From Secondary Sources
      2.1.2 Primary Data
      2.1.2.1 Key Data From Primary Sources
      2.1.2.2 Key Industry Insights
      2.1.2.3 Breakdown of Primaries
   2.2 Market Size Estimation
      2.2.1 Bottom-Up Approach
      2.2.1.1 Approach for Capturing the Market Share By Bottom-Up Analysis (Demand Side)
      2.2.2 Top-Down Approach
      2.2.2.1 Approach for Capturing the Market Share Top-Down Analysis (Supply Side)
   2.3 Market Breakdown and Data Triangulation
   2.4 Research Assumptions

3 Executive Summary

4 Premium Insights - Robotic Process Automation Market
   4.1 Robotic Process Automation Market, 2017-2022 (USD Million)
   4.2 Market, By Type (2017-2022)
   4.3 Market, By Process (2017)
   4.4 Market, By Industry and Region (2017)
   4.5 Market, By Geography (2017)

5 Market Overview
   5.1 Introduction
   5.2 Market Segmentation
      5.2.1 Robotic Process Automation Market, By Type
      5.2.2 Robotic Process Automation Market, By Operation
      5.2.3 Robotic Process Automation Market, By Process
      5.2.4 Robotic Process Automation Market, By Industry
   5.3 Market Dynamics
      5.3.1 Drivers
      5.3.1.1 Ease in Business Processes With the Installation of Robotic Process Automation
      5.3.1.2 Convergence of Robotic Process Automation With Traditional Business Processes
      5.3.2 Restraints
      5.3.2.1 Data Insecurity Risk Hindering the Implementation of Robotic Process Automation in the Financial Sector
      5.3.2.2 Less Potential for Robotic Process Automation in Knowledge-Based Business Processes
      5.3.3 Opportunities
      5.3.3.1 Integration of New Technologies With Robotic Process Automation
      5.3.3.2 High Demand for Robotic Process Automation in the Logistics Industry
5.3.3 Expected Adoption of Robotics Process Automation in the Bpo Sector
5.3.4 Challenges
5.3.4.1 Lack of Awareness Regarding Robotic Process Automation

6 Industry Trends
6.1 Introduction
6.2 Value Chain Analysis
6.3 Porter’s Five Forces Model
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 Intensity of Competitive Rivalry

7 Market Analysis, By Process
7.1 Introduction
7.2 Automated Solution
7.3 Decision Support and Management Solution
7.4 Interaction Solution

8 Market Analysis, By Operation
8.1 Introduction
8.2 Rule Based
8.3 Knowledge Based

9 Market, By Type
9.1 Introduction
9.2 Tool Based
9.2.1 Model-Based Application Tools
9.2.2 Process-Based Application Tools
9.3 Service Based
9.3.1 Consulting
9.3.2 Integration and Development
9.3.3 Training

10 Market, By Industry
10.1 Introduction
10.2 Banking, Financial Services, and Insurance
10.3 Telecom and IT Industry
10.4 Travel, Hospitality, and Transportation Industry
10.5 Retail and Consumer Goods
10.6 Manufacturing and Logistics Industry
10.7 Healthcare and Pharmaceuticals
10.8 Other Industries

11 Geographic Analysis
11.1 Introduction
11.2 North America
11.2.1 U.S.
11.2.2 Canada
11.2.3 Mexico
11.3 Europe
11.3.1 Germany
11.3.2 U.K.
11.3.3 France
11.3.4 Rest of Europe
11.4 Asia Pacific
11.4.1 China
11.4.2 Japan
11.4.3 India
11.4.4 Rest of Asia Pacific
11.5 Rest of World
11.5.1 Middle East and Africa
11.5.2 South America

12 Competitive Landscape
12.1 Overview
12.2 Market Ranking Analysis of Robotics Process Automation Market
12.3 Competitive Situations and Trends
12.3.1 New Product Developments
12.3.2 Partnerships and Agreements/ Collaborations
12.3.3 Mergers & Acquisitions

13 Company Profiles
13.1 Introduction
(Business Overview, Products & Services, Key Insights, Recent Developments, SWOT Analysis, Ratio Analysis, MnM View) -
13.2 Nice Systems Ltd.
13.3 Pegasystems Inc.
13.4 Automation Anywhere
13.5 Blue Prism PLC
13.6 Iqsoft, Inc.
13.7 Celaton Ltd.
13.8 Redwood Software
13.9 UiPath SRL
13.10 Verint System Inc.
13.11 Xerox Corporation
13.12 Key Innovators
13.12.1 Arago Us, Inc.
13.12.2 IBM
13.12.3 Thoughtonomy Ltd.

14 Appendix
14.1 Insights of Industry Experts
14.2 Discussion Guide

List of Tables
Table 1 Robotic Process Automation Market, By Type
Table 2 Market, By Operation
Table 3 Market, By Process
Table 4 Market, By Industry
Table 5 Market, By Process, 2014-2022 (USD Million)
Table 6 Automated Solution for Robotic Process Automation Market, By Industry, 2014-2022 (USD Million)
Table 7 Decision Support and Management for Robotic Process Automation Market, By Industry, 2014-2022 (USD Million)
Table 8 Interaction Solution for Robotic Process Automation Market, By Industry, 2014-2022 (USD Million)
Table 9 Robotic Process Automation Market, By Operation, 2014-2022 (USD Million)
Table 10 Robotic Process Automation Market, By Type, 2014-2022 (USD Million)
Table 11 Robotic Process Automation Market, By Tool, 2014-2022 (USD Million)
Table 12 Robotic Process Automation Tool Market, By Industry, 2014-2022 (USD Million)
Table 13 Robotic Process Automation Tool Market, By Region, 2014-2022 (USD Million)
Table 14 Robotic Process Automation Tool Market for BFSI, By Region, 2014-2022 (USD Million)
Table 15 Robotic Process Automation Tool Market for Telecom and IT, By Region, 2014-2022 (USD Million)
Table 16 Robotic Process Automation Tool Market for Travel, Hospitality, and Transportation, By Region, 2014-2022 (USD Million)
Table 17 Robotic Process Automation Tool Market for Retail and Consumer Goods, By Region, 2014-2022 (USD Million)
Table 18 Robotic Process Automation Tool Market for Manufacturing and Logistics, By Region, 2014-2022 (USD Million)
Table 19 Robotic Process Automation Tool Market for Healthcare and Pharmaceutical, By Region, 2014-2022 (USD Million)
Table 20 Robotic Process Automation Tool Market for the Other Industries, By Region, 2014-2022 (USD Million)
Table 21 Robotic Process Automation Market, By Services, 2014-2022 (USD Million)
Table 22 Robotic Process Automation Services Market, By Industry, 2014-2022 (USD Million)
Table 23 Robotic Process Automation Services Market, By Region, 2014-2022 (USD Million)
Table 24 Robotic Process Automation Services Market for BFSI, By Region, 2014-2022 (USD Million)
Table 25 Robotic Process Automation Services Market for Telecom and IT, By Region, 2014-2022 (USD Million)
Table 26 Robotic Process Automation Services Market for Travel, Hospitality, and Transportation, By Region, 2014-2022 (USD Million)
Table 27 Robotic Process Automation Services Market for Retail and Consumer Goods, By Region, 2014-2022 (USD Million)
Table 28 Robotic Process Automation Services Market for Manufacturing and Logistics, By Region, 2014-2022 (USD Million)
Table 29 Robotic Process Automation Services Market for Healthcare and Pharmaceutical, By Region, 2014-2022 (USD Million)
Table 30 Robotic Process Automation Services Market for the Other Industries, By Region, 2014-2022 (USD Million)
Table 31 Robotic Process Automation Market, By Industry, 2014-2022 (USD Million)
Table 32 Market for the BFSI, By Process, 2014-2022 (USD Million)
Table 33 Market for BFSI, By Region, 2014-2022 (USD Million)
Table 34 Market for BFSI, By Type, 2014-2022 (USD Million)
Table 35 Market for the Telecom and IT Industry, By Process, 2014-2022 (USD Million)
Table 36 Market for Telecom and IT Industry, By Region, 2014-2022 (USD Million)
Table 37 Market for Telecom and IT Industry, By Type, 2014-2022 (USD Million)
Table 38 Market for the Travel, Hospitality, and Transportation Industry, By Process, 2014-2022 (USD Million)
Table 39 Market for Travel, Hospitality, and Transportation Industry, By Region, 2014-2022 (USD Million)
Table 40 Market for Travel, Hospitality, and Transportation, By Type, 2014-2022 (USD Million)
Table 41 Market for the Retail and Consumer Goods Industry, By Process, 2014-2022 (USD Million)
Table 42 Market for Retail and Consumer Goods Industry, By Region, 2014-2022 (USD Million)
Table 43 Market for Retail and Consumer Goods Industry, By Type, 2014-2022 (USD Million)
Table 44 Market for the Manufacturing and Logistics Industry, By Process, 2014-2022 (USD Million)
Table 45 Market for Manufacturing and Logistics Industry, By Region, 2014-2022 (USD Million)
Table 46 Market for Manufacturing and Logistics Industry, By Type, 2014-2022 (USD Million)
Table 48 Market for Healthcare and Pharmaceuticals Industry, By Region, 2014-2022 (USD Million)
Table 49 Market for Healthcare and Pharmaceuticals Industry, By Type, 2014-2022 (USD Million)
Table 50 Market for Other Industries, By Process, 2014-2022 (USD Million)
Table 51 Market for Other Industries, By Region, 2014-2022 (USD Million)
Table 52 Market for Other Industries, By Type, 2014-2022 (USD Million)
Table 53 Market, By Region, 2014-2022 (USD Million)
Table 54 Robotic Process Automation Market in North America, By Country, 2014-2022 (USD Million)
Table 55 Market in North America, By Industry, 2014-2022 (USD Million)
Table 56 Market in North America, By Type, 2014-2022 (USD Million)
Table 57 Robotic Process Automation Market in Europe, By Country, 2014-2022 (USD Million)
Table 58 Market in Europe, By Industry, 2014-2022 (USD Million)
Table 59 Market in Europe, By Type, 2014-2022 (USD Million)
Table 60 Robotic Process Automation Market in Asia Pacific, By Country, 2014-2022 (USD Million)
Table 61 Market in Asia Pacific, By Industry, 2014-2022 (USD Million)
Table 62 Market in Asia Pacific, By Type, 2014-2022 (USD Million)
Table 63 Robotic Process Automation Market in RoW, By Region, 2014-2022 (USD Million)
Table 64 Market in RoW, By Industry, 2014-2022 (USD Million)
Table 65 Market in RoW, By Type, 2014-2022 (USD Million)
Table 66 Top Players in the Robotics Process Automation Market, 2016
Table 67 New Product Developments, 2015-2016
Table 68 Partnerships, Agreements, and Collaborations (2014-2016)
Table 69 Mergers & Acquisitions (2014-2016)

List of Figures

Figure 1 Markets Covered in the Robotic Process Automation Market Report
Figure 2 Research Design
Figure 3 Market Size Estimation Methodology: Bottom Up Approach
Figure 4 Market Size Estimation Methodology: Top-Down Approach
Figure 5 Market Breakdown Data Triangulation Approach
Figure 6 Assumptions of the Research Study
Figure 7 Robotic Process Automation Tools are Expected to Hold A Major Share of the Market During the Forecast Period
Figure 8 Rule-Based Operation Expected to Hold A Major Share of the Robotic Process Automation Market During the Forecast Period
Figure 9 Robotic Process Automation Market for Automated Solution Expected to Grow at the Highest Rate During the Forecast Period
Figure 10 BFSI Industry to Hold the Largest Size of the Robotic Process Automation Market During the Forecast Period
Figure 11 Robotic Process Automation Market, By Geography, 2017
Figure 12 Attractive Growth Opportunities in the Robotic Process Automation Market (2017-2022)
Figure 13 Robotic Process Automation Service Market Expected to Grow at A High CAGR Between 2017 and 2022
Figure 14 Automated Solution Process Expected to Lead the Robotic Process Automation Market in 2017
Figure 15 BFSI Industry Expected to Hold the Largest Share of the Robotic Process Automation Market in 2017
Figure 16 The U.S. to Hold the Largest Share of the Robotic Process Automation Market in 2017
Figure 17 Robotic Process Automation Market, By Geography
Figure 18 Drivers, Restraints, Opportunities, and Challenges in the Robotic Process Automation Market
Figure 19 Value Chain Analysis: Major Value Addition Done During the Manufacturing and Assembly Phase
Figure 20 Porter's Five Forces Analysis - 2016
Figure 21 Impact Analysis: Robotic Process Automation Market
Figure 22 R&D Expenses to Highly Impact the Threat of New Entrants
Figure 23 Substitute Quality Plays A Major Role in Threat of Substitutes
Figure 24 Switching Costs to Impact the Bargaining Power of Suppliers
Figure 25 Medium Impact of Bargaining Power of Buyers on the Robotic Process Automation Market
Figure 26 High Impact of Intensity of Competitive Rivalry on the Robotic Process Automation Market
Figure 27 Automated Solution Expected to Hold the Largest Size of the Robotic Process Automation Process Market By 2022
Figure 28 Automated Solution for BFSI Expected to Hold the Largest Size of the Robotic Process Automation Market By 2022
Figure 29 Decision Support and Management Solution for Healthcare and Pharmaceuticals Industry Expected to Grow at the Highest Rate Between 2017 and 2022
Figure 30 Interaction Solution for Telecom & IT Industry Expected to Hold the Largest Size of the Robotic Process Automation Market By 2022
Figure 31 Rule-Based Operation Expected to Hold the Largest Size of the Robotic Process Automation Market By 2022
Figure 32 Tool-Based Robotic Process Automation Likely to Hold the Largest Market Size By 2022
Figure 33 Tool-Based Robotic Process Automation for BFSI is Expected to Hold the Largest Market Size By 2022
Figure 34 Robotic Process Automation Tools for BFSI in North America is Expected to Hold the Largest Market Size By 2022
Figure 35 Robotic Process Automation Tools for Travel, Hospitality, and Transportation in Europe is Expected to Hold the Largest Market Size By 2022
Figure 36 Robotic Process Automation Tools for Manufacturing and Logistics in APAC is Expected to Hold the Largest Market Size By 2022
Figure 37 Robotic Process Automation Tools for the Other Industries in North America is Expected to Hold the Largest Market Size By 2022
Figure 38 Service-Based Robotic Process Automation for BFSI is Expected to Hold the Largest Market Size By 2022
Figure 39 Robotic Process Automation Services for BFSI in North America is Expected to Hold the Largest Market Size By 2022
Figure 40 Robotic Process Automation Services for Travel, Hospitality, and Transportation in Europe is Expected to Hold the Largest Market Size By 2022
Figure 41 Robotic Process Automation Services for Manufacturing and Logistics in APAC is Expected to Hold the Largest Market Size By 2022
Figure 42 BFSI Industry Expected to Hold the Largest Size of the Robotic Process Automation Market By 2022
Figure 43 North America Expected to Lead the Robotic Process Automation Market for the BFSI Industry By 2022
Figure 44 Decision Support and Management Solution Expected to Witness the Highest Growth Rate in the Telecom and IT Industry By 2022
Figure 45 Robotic Process Automation Market for the Travel, Hospitality, and Transportation Industry to Grow at the Highest Rate in Europe By 2022
Figure 46 Decision Support and Management Solution for the Retail and Consumer Goods Expected to Hold

RESEARCH AND MARKETS
the Largest Size of the Robotic Process Automation Market By 2022
Figure 47 Robotic Process Automation Market for the Manufacturing and Logistics Industry to Grow at the Highest Rate in APAC By 2022
Figure 48 Decision Support and Management Solution for Healthcare and Pharmaceuticals Expected to Hold the Largest Size of the Robotic Process Automation Market By 2022
Figure 49 Japan and India Exhibiting the Highest Growth Rate During the Forecast Period
Figure 50 Snapshot of Robotic Process Automation Market in North America
Figure 51 Snapshot of Robotic Process Automation Market in Europe
Figure 52 Germany Likely to Dominate the European Robotic Process Automation Market During the Forecast Period
Figure 53 Snapshot of Robotic Process Automation Market in Asia Pacific
Figure 54 Robotic Process Automation Market in the Middle East and Africa to Hold Higher Share in RoW During the Forecast Period
Figure 55 Companies Adopted New Product Developments as the Key Growth Strategy Between 2014 and 2016
Figure 56 Market Evolution Framework - Partnerships, Agreements, and Collaborations Were the Major Strategy Adopted By Key Players (2014-2016)
Figure 57 Battle for Market Ranking: Partnerships, Agreements, and Collaborations as the Key Growth Strategy
Figure 58 Nice Systems Ltd.: Company Snapshot
Figure 59 Nice Systems Ltd.: SWOT Analysis
Figure 60 Pegasystems Inc.: Company Snapshot
Figure 61 Pegasystems Inc.: SWOT Analysis
Figure 62 Automation Anywhere: SWOT Analysis
Figure 63 Blue Prism PLC: SWOT Analysis
Figure 64 Ipsoft, Inc.: SWOT Analysis
Figure 65 Verint: Company Snapshot
Figure 66 Xerox Corporation: Company Snapshot

Ordering:
Order Online - [http://www.researchandmarkets.com/reports/4090363/](http://www.researchandmarkets.com/reports/4090363/)
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:** Robotic Process Automation Market - Global Forecast to 2022
- **Web Address:** http://www.researchandmarkets.com/reports/4090363/
- **Office Code:** SC

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

<table>
<thead>
<tr>
<th>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>

*The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.*

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