

# **Global Robotic Process Automation Market: Market Segments: By Process (Automated solution, Decision Support and Management and Interaction Solution); By Operation (Rule-based & Knowledge-based); By Offering (Service & Software); By Organization (Large Enterprises & SMEs); By Vertical (BFSI, Telecom and IT, Retail and Consumer Goods, Manufacturing, Healthcare and Pharmaceuticals Others); and Region – Analysis of Market Size, Share & Trends for 2014 – 2019 and Forecasts to 2030**

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## **Abstracts**

### **Product Overview**

Robotic Process Automation (RPA), also referred to as smart automation or intelligent automation, refers essentially to advanced technology that can be programmed to perform a variety of tasks, such as manipulating data, triggering responses, and establishing the appropriate contact with other processes and systems that previously needed human interaction. By following a collection of predefined processes that do not involve information or observations, RPA was designed to minimize the repetitive activity, while the incorporation of AI enables RPA softbots to act as a knowledge-based dynamic system-to operate beyond an automated cognitive system. A fast-growing trend of the RPA industry has contributed to the application of RPA from the bill of materials to customer question handling with the intelligence of AI. Robotic Process Automation (RPA) can be introduced in different business divisions to automate various procedures, such as onboarding of payroll processing, order processing, staff, clients, suppliers, and report aggregation.

## Market Highlights

Global Robotic Process Automation Market to surpass USD XXXX million by 2030 from USD XXXX million in 2018 at a CAGR of XX% throughout the forecast period, i.e. 2019-30.

The rise in demand for virtual staff, the need to minimize operating costs and increase productivity, the need to make business processes simpler, and the importance of delivering an improved customer experience are the main factors that have a positive impact on market development. Also, some companies are laying-off their workers to decrease the operating costs incurred during the pandemic. To make their processes more effective, reduce the time needed to execute different tasks, and keep the workflow smooth, these factors are forcing companies to implement robotic process automation solutions.

## Global Robotic Process Automation Market: Segments

Decision support and management Segment to grow with the highest CAGR of XX.X% during 2019-30

Global Robotic Process Automation Market is segmented by the process into an automated solution, decision support and management, and interaction solution. The greater market share in 2019 was accounted for by the decision support and management and is projected to attain the fastest growth. A regular aspect of day-to-day work is operational business decisions. Decision support and management-based RPA helps robots to more effectively make decisions and obey business rules without suggesting any technical debt to the company.

Knowledge-based operations Segment to grow with the highest CAGR of XX.X% during 2019-30

Global Robotic Process Automation Market is segmented by operations into rule-based and knowledge-based operations. The greater market share in 2019 was accounted for by the knowledge-based and is expected to see the highest growth during the forecast period. Knowledge-based operations provide a modern paradigm in the logistics and warehouse industries for effective decision-making processes. It helps users to use hybrid strategies by providing collaborative monitoring and optimization of the flow of logistics operations.

IT and Telecom segment to grow with the highest CAGR of XX.X% during 2019-30

Global Robotic Process Automation Market is segmented by Vertical into BFSI, telecom and IT, retail and consumer goods, manufacturing, healthcare and pharmaceuticals, and others. The major growth driver is expected to be the increase in the adoption of

RPA among the IT and telecommunications industries to reduce operating costs and boost overall customer satisfaction. By deploying RPA, which includes centralization and consolidation of request management systems for improved performance, enhanced accountability and visibility for service functions, automation of request service-level agreement reporting, and reduction of manual efforts, IT and telecommunications companies will experience other advantages.

## Global Robotic Process Automation Market: Market Dynamics

### Drivers

#### Advancements and integration of AI in RPA

Demand for RPA solutions is also emerging with the growing deployment of SaaS, IaaS, and PaaS offerings for customer relationship management, cloud computing, business resource management, open-source tools, cooperative robot learning, network communication, and other financial applications. Market growth is further generated by the adoption of digital robots for the management of routine work carried out by temporary or seasonal workers, or for workers bursts needed by regulatory spikes, new product releases, or other new operations being implemented.

### Increasing investments

The growing number of companies around the world is one of the most outrageous drivers of growth in the RPA industry. The specifications for robot automation will flourish shortly with the increased volume of enterprises. Demands for robotic process automation are rising with the increasing prevalence of the e-commerce industry in the retail sector. The introduction of RPA improves efficiency and decreases duplication of money, facilitating the introduction of RPA systems by retail companies.

### Restrain

#### Lack of technical workforce

The data security risk in the financial sector, lack of awareness regarding RPA, and less potential for RPA in knowledge-based business processes are some of the restrains in the robotic process automation market

## Global Robotic Process Automation Market: Regions

Global Robotic Process Automation Market is segmented based on regional analysis into five major regions. These include North America, Latin America, Europe, APAC, and MENA.

Global Robotic Process Automation Market in North America held the largest market share of XX.X% in the year 2019 because of high development in the field of technology and the presence of developed countries. The growing demand for automation of robotic processes in this area is due to the automation in various sectors, such as healthcare, electronics, retail, education, services, and government. The area dominates the global RPA market due to the high number of outsourced customer services companies and the involvement of major suppliers in the RPA market.

#### Key Developments in the Market:

Feb 2020 - Automation Anywhere launched one of the first integrated artificial intelligence (AI)-driven process discovery solution that discovers business processes and creates bots to automate them. Automation Anywhere Discovery Bot uses AI and machine learning to automatically capture and analyze user actions to uncover common, repetitive process steps, as employees navigation between business applications.

Feb 2020 - EXL, an operations Manager, and Analytics company, formed a partnership with Blue Prism PLC. The partnership will see EXL incorporate analytics, artificial intelligence (AI), machine learning (ML), and other innovative technologies into Blue Prism's connected-RPA platform.

Global Robotic Process Automation Market is further segmented by region into:  
North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

APAC Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

MENA Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Global Robotic Process Automation Market: Key Players  
Interaction solution

Company Overview  
Business Strategy

Key Product Offerings

Financial Performance

Key Performance Indicators

Risk Analysis

Recent Development

Regional Presence

SWOT Analysis

Automation Anywhere Inc.

NICE

Blue Prism

Pegasystems

KOFAX INC.

NTT Advanced Technology Corporation

EdgeVerve Systems Limited

FPT Software

OnviSource, Inc.

HelpSystems

Global Robotic Process Automation Market report also contains analysis on:

Global Robotic Process Automation Market

By Process:

Automated solution

Decision support and management

Interaction solution

By Operation:

Rule-based

Knowledge-based

Offering:

Service

Professional

Implementation

Training

Software

By Organization:

Large enterprises

SMEs

By Vertical:

BFSI

Telecom and IT

Retail and consumer goods

Manufacturing  
Healthcare and pharmaceuticals  
Other  
Robotic Process Automation Market Dynamics  
Robotic Process Automation Market Size  
Supply & Demand  
Current Trends/Issues/Challenges  
Competition & Companies Involved in the Market  
Value Chain of the Market  
Market Drivers and Restraints

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#### Consultant Recommendation

**\*\*The above-given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.**

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