

Global Automation Testing Market Size study & Forecast, By Component (Functional testing, Non-functional testing, Services), by End Point Interfaces (Mobile, Web, Desktop, Cloud, Embedded Software), by Application (IT & Telecom, BFSI, Manufacturing, Retail, Others) and Regional Analysis, 2022-2029

<https://marketpublishers.com/r/GF00225F2683EN.html>

Date: February 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GF00225F2683EN

Abstracts

Global Automation Testing Market is valued at approximately USD 21.22 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 16.40% over the forecast period 2022-2029. Automation Testing is a software testing technique that operates using automated testing software tools in executing test cases. The Automation Testing Market is expanding because of factors such as Scalable and adaptable delivery models.

According to Statista, in 2020, the global size of the industrial automation market was nearly 175 billion dollars. Until 2025, the market is anticipated to expand at a compound annual growth rate of about 9%. The industrial automation industry is anticipated to reach 265 billion US dollars in size by 2025. Cloud-based industrial automation software was worth roughly 13.6 billion U.S. dollars worldwide in 2018. Automation software in the industry has been prominent for several years but is growing rapidly, and cloud-deployed software is expected to grow at a compound annual growth rate of 9.4 percent between 2018 and 2023. In addition, over 318 billion dollars in revenue from mobile apps were generated globally. This year saw a surge in the downloads of mobile apps, with games accounting for most of those downloads. Nearly 100 billion downloads of mobile games were made. Mobile picture and video applications were second in terms of downloads that year with about 19.6 billion. Moreover, increased use of online and mobile applications creates lucrative opportunities for the automation market in the near

future. However, high upfront investment costs may halt market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Automation Testing Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the space in terms of revenue, owing to the factors dominance of businesses and developers placing a higher priority on performance testing and increasing IoT devices application. According to Statista, in 2022 global comparison, most revenue will be generated in the United States US\$297.10bn. Moreover, Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as Increased use of online and mobile applications in the market space.

Major market players included in this report are:

Accenture

Astegic

Broadcom

Capgemini

IBM

Keysight Technologies

Microsoft

Apexon

Ranorex

Smartbear Software

Recent Developments in the Market:

In July 2021, Sauce Labs acquired Backtrace, known for offering error monitoring solutions. With the help of this acquisition, Sauce Labs was able to expand its capabilities into real-world settings, giving its clients access to quality signals at all Software Development Lifecycle stages, including design, integration, and production.

In March 2021, Tricentis acquired Neotys, which is a performance testing company. Customers will now have access to an enterprise-grade performance testing solution due to the addition of NeoLoad to the Tricentis portfolio.

Global Automation Testing Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape,

Growth factors, and Trends

Segments Covered Component, End Point Interfaces, Application, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By component:

Functional testing,

Non-functional testing

Services

Others

By End Point Interfaces:

Mobile

Web

Desktop

Cloud

Embedded Software

By Application:

IT & Telecom

BFSI

Manufacturing

Retail

Others

By Region:

North America

U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE
Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
RoLA
Rest of the World

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
 - 1.2.1. Automation Testing Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. Automation Testing Market, by Component, 2019-2029 (USD Billion)
 - 1.2.3. Automation Testing Market, by End Point Interfaces, 2019-2029 (USD Billion)
 - 1.2.4. Automation Testing Market, by Application, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL AUTOMATION TESTING MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL AUTOMATION TESTING MARKET DYNAMICS

- 3.1. Automation Testing Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing Scalable and adaptable delivery models
 - 3.1.2. Market Challenges
 - 3.1.2.1. High upfront investment cost of Automation testing
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Increased use of online and mobile applications

CHAPTER 4. GLOBAL AUTOMATION TESTING MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants

- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. Industry Experts Prospective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL AUTOMATION TESTING MARKET, BY COMPONENT

- 6.1. Market Snapshot
- 6.2. Global Automation Testing Market by Component, Performance - Potential Analysis
- 6.3. Global Automation Testing Market Estimates & Forecasts by Component 2019-2029 (USD Billion)
- 6.4. Automation Testing Market, Sub Segment Analysis
 - 6.4.1. Functional testing
 - 6.4.2. Non-functional testing
 - 6.4.3. Services

CHAPTER 7. GLOBAL AUTOMATION TESTING MARKET, BY END POINT INTERFACES

- 7.1. Market Snapshot
- 7.2. Global Automation Testing Market by End Point Interfaces, Performance - Potential Analysis
- 7.3. Global Automation Testing Market Estimates & Forecasts by End Point Interfaces 2019-2029 (USD Billion)
- 7.4. Automation Testing Market, Sub Segment Analysis
 - 7.4.1. Mobile

- 7.4.2. Web
- 7.4.3. Desktop
- 7.4.4. Cloud
- 7.4.5. Embedded Software

CHAPTER 8. GLOBAL AUTOMATION TESTING MARKET, BY APPLICATION

- 8.1. Market Snapshot
- 8.2. Global Automation Testing Market by Application, Performance - Potential Analysis
- 8.3. Global Automation Testing Market Estimates & Forecasts by Application 2019-2029 (USD Billion)
- 8.4. Automation Testing Market, Sub Segment Analysis
 - 8.4.1. IT & Telecom
 - 8.4.2. BFSI
 - 8.4.3. Manufacturing
 - 8.4.4. Retail
 - 8.4.5. Others

CHAPTER 9. GLOBAL AUTOMATION TESTING MARKET, REGIONAL ANALYSIS

- 9.1. Automation Testing Market, Regional Market Snapshot
- 9.2. North America Automation Testing Market
 - 9.2.1. U.S. Automation Testing Market
 - 9.2.1.1. Component breakdown estimates & forecasts, 2019-2029
 - 9.2.1.2. End Point Interfaces breakdown estimates & forecasts, 2019-2029
 - 9.2.1.3. Application breakdown estimates & forecasts, 2019-2029
 - 9.2.2. Canada Automation Testing Market
- 9.3. Europe Automation Testing Market Snapshot
 - 9.3.1. U.K. Automation Testing Market
 - 9.3.2. Germany Automation Testing Market
 - 9.3.3. France Automation Testing Market
 - 9.3.4. Spain Automation Testing Market
 - 9.3.5. Italy Automation Testing Market
 - 9.3.6. Rest of Europe Automation Testing Market
- 9.4. Asia-Pacific Automation Testing Market Snapshot
 - 9.4.1. China Automation Testing Market
 - 9.4.2. India Automation Testing Market
 - 9.4.3. Japan Automation Testing Market
 - 9.4.4. Australia Automation Testing Market

- 9.4.5. South Korea Automation Testing Market
- 9.4.6. Rest of Asia Pacific Automation Testing Market
- 9.5. Latin America Automation Testing Market Snapshot
 - 9.5.1. Brazil Automation Testing Market
 - 9.5.2. Mexico Automation Testing Market
 - 9.5.3. Rest of Latin America Automation Testing Market
- 9.6. Rest of The World Automation Testing Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Top Market Strategies
- 10.2. Company Profiles
 - 10.2.1. Accenture
 - 10.2.1.1. Key Information
 - 10.2.1.2. Overview
 - 10.2.1.3. Financial (Subject to Data Availability)
 - 10.2.1.4. Product Summary
 - 10.2.1.5. Recent Developments
 - 10.2.2. Astegic
 - 10.2.3. Broadcom
 - 10.2.4. Capgemini
 - 10.2.5. IBM
 - 10.2.6. Keysight Technologies
 - 10.2.7. Microsoft
 - 10.2.8. Apexon
 - 10.2.9. Ranorex
 - 10.2.10. Smartbear Software

CHAPTER 11. RESEARCH PROCESS

- 11.1. Research Process
 - 11.1.1. Data Mining
 - 11.1.2. Analysis
 - 11.1.3. Market Estimation
 - 11.1.4. Validation
 - 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Automation Testing Market, report scope

TABLE 2. Global Automation Testing Market estimates & forecasts by Region
2019-2029 (USD Billion)

TABLE 3. Global Automation Testing Market estimates & forecasts by Component
2019-2029 (USD Billion)

TABLE 4. Global Automation Testing Market estimates & forecasts by End Point
Interfaces 2019-2029 (USD Billion)

TABLE 5. Global Automation Testing Market estimates & forecasts by Application
2019-2029 (USD Billion)

TABLE 6. Global Automation Testing Market by segment, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 7. Global Automation Testing Market by region, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 8. Global Automation Testing Market by segment, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 9. Global Automation Testing Market by region, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 10. Global Automation Testing Market by segment, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 11. Global Automation Testing Market by region, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 12. Global Automation Testing Market by segment, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 13. Global Automation Testing Market by region, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 14. Global Automation Testing Market by segment, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 15. Global Automation Testing Market by region, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 16. U.S. Automation Testing Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 17. U.S. Automation Testing Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 18. U.S. Automation Testing Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 19. Canada Automation Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 20. Canada Automation Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 21. Canada Automation Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 22. UK Automation Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 23. UK Automation Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. UK Automation Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 25. Germany Automation Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 26. Germany Automation Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. Germany Automation Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 28. France Automation Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 29. France Automation Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. France Automation Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 31. Italy Automation Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 32. Italy Automation Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Italy Automation Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 34. Spain Automation Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 35. Spain Automation Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. Spain Automation Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 37. RoE Automation Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 38. RoE Automation Testing Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 39. RoE Automation Testing Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 40. China Automation Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 41. China Automation Testing Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 42. China Automation Testing Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 43. India Automation Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 44. India Automation Testing Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 45. India Automation Testing Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 46. Japan Automation Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 47. Japan Automation Testing Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 48. Japan Automation Testing Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 49. South Korea Automation Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 50. South Korea Automation Testing Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 51. South Korea Automation Testing Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 52. Australia Automation Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 53. Australia Automation Testing Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 54. Australia Automation Testing Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 55. RoAPAC Automation Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 56. RoAPAC Automation Testing Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 57. RoAPAC Automation Testing Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 58. Brazil Automation Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 59. Brazil Automation Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 60. Brazil Automation Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 61. Mexico Automation Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 62. Mexico Automation Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 63. Mexico Automation Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 64. RoLA Automation Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 65. RoLA Automation Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 66. RoLA Automation Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 67. Row Automation Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 68. Row Automation Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 69. Row Automation Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 70. List of secondary sources, used in the study of global Automation Testing Market

TABLE 71. List of primary sources, used in the study of global Automation Testing Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Automation Testing Market, research methodology
 - FIG 2. Global Automation Testing Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Automation Testing Market, key trends 2021
 - FIG 5. Global Automation Testing Market, growth prospects 2022-2029
 - FIG 6. Global Automation Testing Market, porters 5 force model
 - FIG 7. Global Automation Testing Market, pest analysis
 - FIG 8. Global Automation Testing Market, value chain analysis
 - FIG 9. Global Automation Testing Market by segment, 2019 & 2029 (USD Billion)
 - FIG 10. Global Automation Testing Market by segment, 2019 & 2029 (USD Billion)
 - FIG 11. Global Automation Testing Market by segment, 2019 & 2029 (USD Billion)
 - FIG 12. Global Automation Testing Market by segment, 2019 & 2029 (USD Billion)
 - FIG 13. Global Automation Testing Market by segment, 2019 & 2029 (USD Billion)
 - FIG 14. Global Automation Testing Market, regional snapshot 2019 & 2029
 - FIG 15. North America Automation Testing Market 2019 & 2029 (USD Billion)
 - FIG 16. Europe Automation Testing Market 2019 & 2029 (USD Billion)
 - FIG 17. Asia Pacific Automation Testing Market 2019 & 2029 (USD Billion)
 - FIG 18. Latin America Automation Testing Market 2019 & 2029 (USD Billion)
 - FIG 19. Global Automation Testing Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global Automation Testing Market Size study & Forecast, By Component (Functional testing, Non-functional testing, Services), by End Point Interfaces (Mobile, Web, Desktop, Cloud, Embedded Software), by Application (IT & Telecom, BFSI, Manufacturing, Retail, Others) and Regional Analysis, 2022-2029

Product link: <https://marketpublishers.com/r/GF00225F2683EN.html>

Price: US\$ 4,950.00 (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/GF00225F2683EN.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