+44 20 8123 2220
info@marketpublishers.com

IoT Testing Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

https://marketpublishers.com/r/I8FA82DCDAF5EN.html
Date: July 2022
Pages: 145
Price: US$ 2,499.00 (Single User License)
ID: I8FA82DCDAF5EN

Abstracts

The global IoT testing market reached a value of US$ 1.55 Billion in 2021. Looking forward, IMARC Group expects the market to reach a value of US$ 10.66 Billion by 2027, exhibiting a CAGR of 34.70% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use industries. These insights are included in the report as a major market contributor.

Internet of things (IoT) testing identifies underlying bugs in the internet of things (IoT) devices. It comprises usability, compatibility, reliability and scalability, data integrity, security, and performance testing. It ensures that each device executes its functions quickly while allowing the entire IoT network to collaborate and deliver efficient results. It helps evaluate the performance of IoT device app with the help of different performance metrics, such as database performance, load tolerance, IoT device app loading speed, throughput, efficiency, uptime, and data transfer rate. As a result, it finds extensive applications in the information and technology (IT), telecommunication, energy and utility, healthcare, retail, and manufacturing sectors.

IoT Testing Market Trends:
The growing utilization of microservices is resulting in the development of better IoT applications across the globe, which represents one of the key factors driving the market. Moreover, there is a rise in the demand for DevOps to increase the ability of an organization to deliver applications and services at high velocity compared to traditional software development. This, along with the rising adoption of ingress protection (IP) testing for enhanced IoT devices around the world, is propelling the growth of the market. In addition, there is an increase in the adoption of application programming interface (API) monitoring to gain visibility and evaluate the availability, performance,

+44 20 8123 2220
info@marketpublishers.com

response, and functional correctness of various applications. This, coupled with the growing development of software-defined applications, is positively influencing the market. Besides this, the increasing employment of IoT testing for testing passwords and credentials as well as the data interface of IoT devices to reduce security breaches is offering lucrative growth opportunities to industry investors. Apart from this, various benefits offered by IoT testing, such as compatibility and usability of the interconnected devices, security of the network, connectivity, and overall performance of the system, is bolstering the growth of the market.

Key Market Segmentation:
IMARC Group provides an analysis of the key trends in each sub-segment of the global IoT testing market, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on testing type, service type, deployment mode and application.

Breakup by Testing Type:

Functional Testing
Performance Testing
Network Testing
Compatibility Testing
Usability Testing
Security Testing

Breakup by Service Type:

Managed Services
Professional Services

Breakup by Deployment Mode:

On-premises
Cloud-based

Breakup by Application:

Smart Building and Home Automation
Capillary Network Management
Smart Utilities

+44 20 8123 2220
info@marketpublishers.com

Vehicle Telematics
Smart Manufacturing
Smart Healthcare

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:
The competitive landscape of the industry has also been examined along with the profiles of the key players being AFour Technologies Pvt. Ltd., Apica AB, Beyond Security (HelpSystems LLC), Capgemini SE, Happiest Minds Technologies Limited, HCL Technologies Limited, Infosys Limited, Keysight Technologies, Praetorian, Rapid7 Inc., Saksoft Limited and Singapore Telecommunications Limited.

Key Questions Answered in This Report:

+44 20 8123 2220
info@marketpublishers.com

How has the global IoT testing market performed so far and how will it perform in the coming years?
What has been the impact of COVID-19 on the global IoT testing market?
What are the key regional markets?
What is the breakup of the market based on the testing type?
What is the breakup of the market based on the service type?
What is the breakup of the market based on the deployment mode?
What is the breakup of the market based on the application?
What are the various stages in the value chain of the industry?
What are the key driving factors and challenges in the industry?
What is the structure of the global IoT testing market and who are the key players?
What is the degree of competition in the industry?

+44 20 8123 2220
info@marketpublishers.com

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

2.1 Objectives of the Study
2.2 Stakeholders
2.3 Data Sources
  2.3.1 Primary Sources
  2.3.2 Secondary Sources
2.4 Market Estimation
  2.4.1 Bottom-Up Approach
  2.4.2 Top-Down Approach
2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

4.1 Overview
4.2 Key Industry Trends

5 GLOBAL IOT TESTING MARKET

5.1 Market Overview
5.2 Market Performance
5.3 Impact of COVID-19
5.4 Market Forecast

6 MARKET BREAKUP BY TESTING TYPE

6.1 Functional Testing
  6.1.1 Market Trends
  6.1.2 Market Forecast
6.2 Performance Testing
  6.2.1 Market Trends
  6.2.2 Market Forecast
6.3 Network Testing

+44 20 8123 2220
info@marketpublishers.com

6.3.1 Market Trends
6.3.2 Market Forecast
6.4 Compatibility Testing
6.4.1 Market Trends
6.4.2 Market Forecast
6.5 Usability Testing
6.5.1 Market Trends
6.5.2 Market Forecast
6.6 Security Testing
6.6.1 Market Trends
6.6.2 Market Forecast

7 MARKET BREAKUP BY SERVICE TYPE

7.1 Managed Services
7.1.1 Market Trends
7.1.2 Market Forecast
7.2 Professional Services
7.2.1 Market Trends
7.2.2 Market Forecast

8 MARKET BREAKUP BY DEPLOYMENT MODE

8.1 On-premises
8.1.1 Market Trends
8.1.2 Market Forecast
8.2 Cloud-based
8.2.1 Market Trends
8.2.2 Market Forecast

9 MARKET BREAKUP BY APPLICATION

9.1 Smart Building and Home Automation
9.1.1 Market Trends
9.1.2 Market Forecast
9.2 Capillary Network Management
9.2.1 Market Trends
9.2.2 Market Forecast
9.3 Smart Utilities

+44 20 8123 2220
info@marketpublishers.com

9.3.1 Market Trends
9.3.2 Market Forecast
9.4 Vehicle Telematics
9.4.1 Market Trends
9.4.2 Market Forecast
9.5 Smart Manufacturing
9.5.1 Market Trends
9.5.2 Market Forecast
9.6 Smart Healthcare
9.6.1 Market Trends
9.6.2 Market Forecast

10 MARKET BREAKUP BY REGION

10.1 North America
10.1.1 United States
10.1.1.1 Market Trends
10.1.1.2 Market Forecast
10.1.2 Canada
10.1.2.1 Market Trends
10.1.2.2 Market Forecast
10.2 Asia-Pacific
10.2.1 China
10.2.1.1 Market Trends
10.2.1.2 Market Forecast
10.2.2 Japan
10.2.2.1 Market Trends
10.2.2.2 Market Forecast
10.2.3 India
10.2.3.1 Market Trends
10.2.3.2 Market Forecast
10.2.4 South Korea
10.2.4.1 Market Trends
10.2.4.2 Market Forecast
10.2.5 Australia
10.2.5.1 Market Trends
10.2.5.2 Market Forecast
10.2.6 Indonesia
10.2.6.1 Market Trends

+44 20 8123 2220
info@marketpublishers.com

10.2.6.2 Market Forecast
10.2.7 Others
10.2.7.1 Market Trends
10.2.7.2 Market Forecast
10.3 Europe
10.3.1 Germany
10.3.1.1 Market Trends
10.3.1.2 Market Forecast
10.3.2 France
10.3.2.1 Market Trends
10.3.2.2 Market Forecast
10.3.3 United Kingdom
10.3.3.1 Market Trends
10.3.3.2 Market Forecast
10.3.4 Italy
10.3.4.1 Market Trends
10.3.4.2 Market Forecast
10.3.5 Spain
10.3.5.1 Market Trends
10.3.5.2 Market Forecast
10.3.6 Russia
10.3.6.1 Market Trends
10.3.6.2 Market Forecast
10.3.7 Others
10.3.7.1 Market Trends
10.3.7.2 Market Forecast
10.4 Latin America
10.4.1 Brazil
10.4.1.1 Market Trends
10.4.1.2 Market Forecast
10.4.2 Mexico
10.4.2.1 Market Trends
10.4.2.2 Market Forecast
10.4.3 Others
10.4.3.1 Market Trends
10.4.3.2 Market Forecast
10.5 Middle East and Africa
10.5.1 Market Trends
10.5.2 Market Breakup by Country

+44 20 8123 2220
info@marketpublishers.com

10.5.3 Market Forecast

11 SWOT ANALYSIS

11.1 Overview
11.2 Strengths
11.3 Weaknesses
11.4 Opportunities
11.5 Threats

12 VALUE CHAIN ANALYSIS

13 PORTERS FIVE FORCES ANALYSIS

13.1 Overview
13.2 Bargaining Power of Buyers
13.3 Bargaining Power of Suppliers
13.4 Degree of Competition
13.5 Threat of New Entrants
13.6 Threat of Substitutes

14 PRICE ANALYSIS

15 COMPETITIVE LANDSCAPE

15.1 Market Structure
15.2 Key Players
15.3 Profiles of Key Players
15.3.1 AFour Technologies Pvt. Ltd.
15.3.1.1 Company Overview
15.3.1.2 Product Portfolio
15.3.2 Apica AB
15.3.2.1 Company Overview
15.3.2.2 Product Portfolio
15.3.3 Beyond Security (HelpSystems LLC)
15.3.3.1 Company Overview
15.3.3.2 Product Portfolio
15.3.4 Capgemini SE
15.3.4.1 Company Overview

+44 20 8123 2220
info@marketpublishers.com

15.3.4.2 Product Portfolio
15.3.4.3 Financials
15.3.4.4 SWOT Analysis
15.3.5 Happiest Minds Technologies Limited
15.3.5.1 Company Overview
15.3.5.2 Product Portfolio
15.3.6 HCL Technologies Limited
15.3.6.1 Company Overview
15.3.6.2 Product Portfolio
15.3.6.3 Financials
15.3.6.4 SWOT Analysis
15.3.7 Infosys Limited
15.3.7.1 Company Overview
15.3.7.2 Product Portfolio
15.3.7.3 Financials
15.3.7.4 SWOT Analysis
15.3.8 Keysight Technologies
15.3.8.1 Company Overview
15.3.8.2 Product Portfolio
15.3.8.3 Financials
15.3.8.4 SWOT Analysis
15.3.9 Praetorian
15.3.9.1 Company Overview
15.3.9.2 Product Portfolio
15.3.10 Rapid7 Inc.
15.3.10.1 Company Overview
15.3.10.2 Product Portfolio
15.3.10.3 Financials
15.3.11 Saksoft Limited
15.3.11.1 Company Overview
15.3.11.2 Product Portfolio
15.3.11.3 Financials
15.3.12 Singapore Telecommunications Limited
15.3.12.1 Company Overview
15.3.12.2 Product Portfolio
15.3.12.3 Financials
15.3.12.4 SWOT Analysis

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1: Global: IoT Testing Market: Key Industry Highlights, 2021 and 2027
Table 2: Global: IoT Testing Market Forecast: Breakup by Testing Type (in Million US$), 2022-2027
Table 3: Global: IoT Testing Market Forecast: Breakup by Service Type (in Million US$), 2022-2027
Table 4: Global: IoT Testing Market Forecast: Breakup by Deployment Mode (in Million US$), 2022-2027
Table 5: Global: IoT Testing Market Forecast: Breakup by Application (in Million US$), 2022-2027
Table 6: Global: IoT Testing Market Forecast: Breakup by Region (in Million US$), 2022-2027
Table 7: Global: IoT Testing Market: Competitive Structure
Table 8: Global: IoT Testing Market: Key Players

+44 20 8123 2220
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1: Global: IoT Testing Market: Major Drivers and Challenges
Figure 2: Global: IoT Testing Market: Sales Value (in Billion US$), 2016-2021
Figure 3: Global: IoT Testing Market Forecast: Sales Value (in Billion US$), 2022-2027
Figure 4: Global: IoT Testing Market: Breakup by Testing Type (in %), 2021
Figure 5: Global: IoT Testing Market: Breakup by Service Type (in %), 2021
Figure 6: Global: IoT Testing Market: Breakup by Deployment Mode (in %), 2021
Figure 7: Global: IoT Testing Market: Breakup by Application (in %), 2021
Figure 8: Global: IoT Testing Market: Breakup by Region (in %), 2021
Figure 9: Global: IoT Testing (Functional Testing) Market: Sales Value (in Million US$), 2016 & 2021
Figure 10: Global: IoT Testing (Functional Testing) Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 11: Global: IoT Testing (Performance Testing) Market: Sales Value (in Million US$), 2016 & 2021
Figure 12: Global: IoT Testing (Performance Testing) Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 13: Global: IoT Testing (Network Testing) Market: Sales Value (in Million US$), 2016 & 2021
Figure 14: Global: IoT Testing (Network Testing) Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 15: Global: IoT Testing (Compatibility Testing) Market: Sales Value (in Million US$), 2016 & 2021
Figure 16: Global: IoT Testing (Compatibility Testing) Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 17: Global: IoT Testing (Usability Testing) Market: Sales Value (in Million US$), 2016 & 2021
Figure 18: Global: IoT Testing (Usability Testing) Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 19: Global: IoT Testing (Security Testing) Market: Sales Value (in Million US$), 2016 & 2021
Figure 20: Global: IoT Testing (Security Testing) Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 21: Global: IoT Testing (Managed Services) Market: Sales Value (in Million US$), 2016 & 2021
Figure 22: Global: IoT Testing (Managed Services) Market Forecast: Sales Value (in

+44 20 8123 2220
info@marketpublishers.com

Million US$), 2022-2027
Figure 23: Global: IoT Testing (Professional Services) Market: Sales Value (in Million US$), 2016 & 2021
Figure 24: Global: IoT Testing (Professional Services) Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 25: Global: IoT Testing (On-premises) Market: Sales Value (in Million US$), 2016 & 2021
Figure 26: Global: IoT Testing (On-premises) Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 27: Global: IoT Testing (Cloud-based) Market: Sales Value (in Million US$), 2016 & 2021
Figure 28: Global: IoT Testing (Cloud-based) Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 29: Global: IoT Testing (Smart Building and Home Automation) Market: Sales Value (in Million US$), 2016 & 2021
Figure 30: Global: IoT Testing (Smart Building and Home Automation) Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 31: Global: IoT Testing (Capillary Network Management) Market: Sales Value (in Million US$), 2016 & 2021
Figure 32: Global: IoT Testing (Capillary Network Management) Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 33: Global: IoT Testing (Smart Utilities) Market: Sales Value (in Million US$), 2016 & 2021
Figure 34: Global: IoT Testing (Smart Utilities) Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 35: Global: IoT Testing (Vehicle Telematics) Market: Sales Value (in Million US$), 2016 & 2021
Figure 36: Global: IoT Testing (Vehicle Telematics) Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 37: Global: IoT Testing (Smart Manufacturing) Market: Sales Value (in Million US$), 2016 & 2021
Figure 38: Global: IoT Testing (Smart Manufacturing) Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 39: Global: IoT Testing (Smart Healthcare) Market: Sales Value (in Million US$), 2016 & 2021
Figure 40: Global: IoT Testing (Smart Healthcare) Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 41: North America: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021

+44 20 8123 2220
info@marketpublishers.com

Figure 42: North America: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 43: United States: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 44: United States: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 45: Canada: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 46: Canada: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 47: Asia-Pacific: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 48: Asia-Pacific: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 49: China: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 50: China: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 51: Japan: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 52: Japan: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 53: India: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 54: India: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 55: South Korea: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 56: South Korea: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 57: Australia: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 58: Australia: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 59: Indonesia: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 60: Indonesia: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 61: Others: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 62: Others: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 63: Europe: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 64: Europe: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 65: Germany: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 66: Germany: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 67: France: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 68: France: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 69: United Kingdom: IoT Testing Market: Sales Value (in Million US$), 2016 &

+44 20 8123 2220
info@marketpublishers.com

2021
Figure 70: United Kingdom: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 71: Italy: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 72: Italy: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 73: Spain: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 74: Spain: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 75: Russia: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 76: Russia: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 77: Others: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 78: Others: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 79: Latin America: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 80: Latin America: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 81: Brazil: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 82: Brazil: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 83: Mexico: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 84: Mexico: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 85: Others: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 86: Others: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 87: Middle East and Africa: IoT Testing Market: Sales Value (in Million US$), 2016 & 2021
Figure 88: Middle East and Africa: IoT Testing Market: Breakup by Country (in %), 2021
Figure 89: Middle East and Africa: IoT Testing Market Forecast: Sales Value (in Million US$), 2022-2027
Figure 90: Global: IoT Testing Industry: SWOT Analysis
Figure 91: Global: IoT Testing Industry: Value Chain Analysis
Figure 92: Global: IoT Testing Industry: Porter's Five Forces Analysis

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: IoT Testing Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

Product link: https://marketpublishers.com/r/I8FA82DCDAF5EN.html

Price: US$ 2,499.00 (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/I8FA82DCDAF5EN.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

Custumer 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

+44 20 8123 2220
info@marketpublishers.com