

Cloud Robotics - Global Market Outlook (2017-2026)

<https://marketpublishers.com/r/CB3F641B958EN.html>

Date: March 2018

Pages: 166

Price: US\$ 4,150.00 (Single User License)

ID: CB3F641B958EN

Abstracts

According to Statistics MRC, the Global Cloud robotics market is accounted for \$2.80 billion in 2017 and is expected to reach \$18.20 billion by 2026 growing at a CAGR of 23.1% during the forecast period. Proliferation of the cloud technology, increase in the adoption of IOT and advancements in AI & machine learning technologies, broad spectrum use of wireless technologies and smart devices are some of the factors fuelling the market growth. However, factors such as high initial costs and R&D expenses, data privacy and security concerns are retraining the market. Moreover, growth potential across the developing nations and increase in the use of robots for industrial automation provides huge growth opportunities for the market growth.

Cloud robotics are controlled and operated by human operators at a distance, who use the remotely-sensed data and real-time information obtained through the communication network to improve the capabilities and applications of robotic systems. This is a field of robotics that reaps benefits of shared services and converged infrastructure and use cloud technologies such as cloud storage, cloud computing and other internet technologies. They involves robotic systems that are connected with a wired or/and wireless communication network.

Amongst development model, public cloud segment is expected to grow at a significant rate during the forecast period. Most of the cloud robotics developers prefer using the public cloud deployment model because of its cost-effectiveness and benefits. The public cloud services may be offered for free of cost or on a pay-per-use model, depending upon the requirements of the end-users. By geography, North America is anticipated to obtain the largest market share in the global market owing to the most highly developed region in terms of cloud, artificial intelligence and machine learning technologies.

Some of the keys players of global cloud robotics market include Google (US), IBM

(US), Amazon Robotics (US), Ortelio (UK), C2RO (Canada), Huawei (China), Hit Robot Group, Microsoft (US), V3 Smart Technologies (Singapore), Rapyuta Robotics (Japan), Cloud Minds (US), and Tend (US).

Components Covered:

Services

Software

Service Models Covered:

Software-As-A-Service

Infrastructure-As-A-Service

Platform-As-A-Service

Connectivity Technology Covered:

Infrared

3G

RF

4G

5G

Bluetooth

Wi-Fi

Deployment Models Covered:

Hybrid Cloud

Public Cloud

Private Cloud

Applications Covered:

Commercial Robots

Military Robots

Consumer Robots

Industrial Robots

End-Users Covered:

Third-Party Users

Verticals

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub

segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Technology Analysis
- 3.7 Application Analysis
- 3.8 End User Analysis
- 3.9 Emerging Markets
- 3.10 Futuristic Market Scenario

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL CLOUD ROBOTICS MARKET, BY COMPONENT

- 5.1 Introduction
- 5.2 Services
 - 5.2.1 Implementation Services
 - 5.2.2 Consulting Services
 - 5.2.3 Training and Support Services
- 5.3 Software

6 GLOBAL CLOUD ROBOTICS MARKET, BY SERVICE MODEL

- 6.1 Introduction
- 6.2 Software-As-A-Service
- 6.3 Infrastructure-As-A-Service
- 6.4 Platform-As-A-Service

7 GLOBAL CLOUD ROBOTICS MARKET, BY CONNECTIVITY TECHNOLOGY

- 7.1 Introduction
- 7.2 Infrared
- 7.3 3G
- 7.4 RF
- 7.5 4G
- 7.6 5G
- 7.7 Bluetooth
- 7.8 Wi-Fi

8 GLOBAL CLOUD ROBOTICS MARKET, BY DEPLOYMENT MODEL

- 8.1 Introduction
- 8.2 Hybrid Cloud
- 8.3 Public Cloud
- 8.4 Private Cloud

9 GLOBAL CLOUD ROBOTICS MARKET, BY APPLICATION

- 9.1 Introduction
- 9.2 Commercial Robots

- 9.3 Military Robots
- 9.4 Consumer Robots
- 9.5 Industrial Robots

10 GLOBAL CLOUD ROBOTICS MARKET, BY END-USER

- 10.1 Introduction
- 10.2 Third-Party Users
- 10.3 Verticals
 - 10.3.1 Manufacturing
 - 10.3.2 Defense
 - 10.3.3 Transportation and Logistics
 - 10.3.4 Healthcare and Life Sciences
 - 10.3.5 Retail
 - 10.3.6 Banking, Financial Services, and Insurance
 - 10.3.7 Other verticals

11 GLOBAL CLOUD ROBOTICS MARKET, BY GEOGRAPHY

- 11.1 Introduction
- 11.2 North America
 - 11.2.1 US
 - 11.2.2 Canada
 - 11.2.3 Mexico
- 11.3 Europe
 - 11.3.1 Germany
 - 11.3.2 UK
 - 11.3.3 Italy
 - 11.3.4 France
 - 11.3.5 Spain
 - 11.3.6 Rest of Europe
- 11.4 Asia Pacific
 - 11.4.1 Japan
 - 11.4.2 China
 - 11.4.3 India
 - 11.4.4 Australia
 - 11.4.5 New Zealand
 - 11.4.6 South Korea
 - 11.4.7 Rest of Asia Pacific

- 11.5 South America
 - 11.5.1 Argentina
 - 11.5.2 Brazil
 - 11.5.3 Chile
 - 11.5.4 Rest of South America
- 11.6 Middle East & Africa
 - 11.6.1 Saudi Arabia
 - 11.6.2 UAE
 - 11.6.3 Qatar
 - 11.6.4 South Africa
 - 11.6.5 Rest of Middle East & Africa

12 KEY DEVELOPMENTS

- 12.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 12.2 Acquisitions & Mergers
- 12.3 New Product Launch
- 12.4 Expansions
- 12.5 Other Key Strategies

13 COMPANY PROFILING

- 13.1 Huawei
- 13.2 Microsoft Corporation
- 13.3 Hit Robot Group
- 13.4 Rapyuta Robotics
- 13.5 Ortelio
- 13.6 IBM
- 13.7 C2RO
- 13.8 V3 Smart Technologies
- 13.9 Tend.ai
- 13.10 Amazon Robotics
- 13.11 Google
- 13.12 Cloudminds

List Of Tables

LIST OF TABLES

Table 1 Global Cloud Robotics Market Outlook, By Region (2016-2026) (US\$ MN)

Table 2 Global Cloud Robotics Market Outlook, By Component (2016-2026) (US\$ MN)

Table 3 Global Cloud Robotics Market Outlook, By Services (2016-2026) (US\$ MN)

Table 4 Global Cloud Robotics Market Outlook, By Implementation Services (2016-2026) (US\$ MN)

Table 5 Global Cloud Robotics Market Outlook, By Consulting Services (2016-2026) (US\$ MN)

Table 6 Global Cloud Robotics Market Outlook, By Training and Support Services (2016-2026) (US\$ MN)

Table 7 Global Cloud Robotics Market Outlook, By Software (2016-2026) (US\$ MN)

Table 8 Global Cloud Robotics Market Outlook, By Service Model (2016-2026) (US\$ MN)

Table 9 Global Cloud Robotics Market Outlook, By Software-As-A-Service (2016-2026) (US\$ MN)

Table 10 Global Cloud Robotics Market Outlook, By Infrastructure-As-A-Service (2016-2026) (US\$ MN)

Table 11 Global Cloud Robotics Market Outlook, By Platform-As-A-Service (2016-2026) (US\$ MN)

Table 12 Global Cloud Robotics Market Outlook, By Connectivity Technology (2016-2026) (US\$ MN)

Table 13 Global Cloud Robotics Market Outlook, By Infrared (2016-2026) (US\$ MN)

Table 14 Global Cloud Robotics Market Outlook, By 3G (2016-2026) (US\$ MN)

Table 15 Global Cloud Robotics Market Outlook, By RF (2016-2026) (US\$ MN)

Table 16 Global Cloud Robotics Market Outlook, By 4G (2016-2026) (US\$ MN)

Table 17 Global Cloud Robotics Market Outlook, By 5G (2016-2026) (US\$ MN)

Table 18 Global Cloud Robotics Market Outlook, By Bluetooth (2016-2026) (US\$ MN)

Table 19 Global Cloud Robotics Market Outlook, By Wi-Fi (2016-2026) (US\$ MN)

Table 20 Global Cloud Robotics Market Outlook, By Deployment Model (2016-2026) (US\$ MN)

Table 21 Global Cloud Robotics Market Outlook, By Hybrid Cloud (2016-2026) (US\$ MN)

Table 22 Global Cloud Robotics Market Outlook, By Public Cloud (2016-2026) (US\$ MN)

Table 23 Global Cloud Robotics Market Outlook, By Private Cloud (2016-2026) (US\$ MN)

Table 24 Global Cloud Robotics Market Outlook, By Application (2016-2026) (US\$ MN)

Table 25 Global Cloud Robotics Market Outlook, By Commercial Robots (2016-2026) (US\$ MN)

Table 26 Global Cloud Robotics Market Outlook, By Military Robots (2016-2026) (US\$ MN)

Table 27 Global Cloud Robotics Market Outlook, By Consumer Robots (2016-2026) (US\$ MN)

Table 28 Global Cloud Robotics Market Outlook, By Industrial Robots (2016-2026) (US\$ MN)

Table 29 Global Cloud Robotics Market Outlook, By End-User (2016-2026) (US\$ MN)

Table 30 Global Cloud Robotics Market Outlook, By Third-Party Users (2016-2026) (US\$ MN)

Table 31 Global Cloud Robotics Market Outlook, By Verticals (2016-2026) (US\$ MN)

Table 32 Global Cloud Robotics Market Outlook, By Manufacturing (2016-2026) (US\$ MN)

Table 33 Global Cloud Robotics Market Outlook, By Defense (2016-2026) (US\$ MN)

Table 34 Global Cloud Robotics Market Outlook, By Transportation and Logistics (2016-2026) (US\$ MN)

Table 35 Global Cloud Robotics Market Outlook, By Healthcare and Life Sciences (2016-2026) (US\$ MN)

Table 36 Global Cloud Robotics Market Outlook, By Retail (2016-2026) (US\$ MN)

Table 37 Global Cloud Robotics Market Outlook, By Banking, Financial Services, and Insurance (2016-2026) (US\$ MN)

Table 38 Global Cloud Robotics Market Outlook, By Other verticals (2016-2026) (US\$ MN)

Note: Tables for North America, Europe, Asia Pacific, South America & Middle East & Africa, regions are also represented in the same manner as above.

I would like to order

Product name: Cloud Robotics - Global Market Outlook (2017-2026)

Product link: <https://marketpublishers.com/r/CB3F641B958EN.html>

Price: US\$ 4,150.00 (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/CB3F641B958EN.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