

Asia Pacific Cloud Robotics Market 2020-2030 by Component (Hardware, Software, Services), Robot Type (Stationary, Wheeled, Legged), Implementation Module (Peer, Proxy, Clone), Connectivity Technology (Cellular, BLE, WiFi/WiMAX, RF, Infrared), Deployment Mode (Public, Private, Hybrid), Business Model (PaaS, IaaS, SaaS), Application (Industrial, Commercial, Personal, Government), and Country: Trend Forecast and Growth Opportunity

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# **Abstracts**

Asia Pacific cloud robotics market will grow by 30.1% annually with a total addressable market cap of \$57.82 billion over 2021-2030 driven by proliferation of the cloud technology, broad spectrum use of wireless technologies, the cost-effectiveness and enhanced process efficiency of cloud robotics, and the increase in the adoption of Internet of Things (IoT) and Artificial Intelligence (AI).

Highlighted with 42 tables and 122 figures, this 189-page report "Asia Pacific Cloud Robotics Market 2020-2030 by Component (Hardware, Software, Services), Robot Type (Stationary, Wheeled, Legged), Implementation Module (Peer, Proxy, Clone), Connectivity Technology (Cellular, BLE, WiFi/WiMAX, RF, Infrared), Deployment Mode (Public, Private, Hybrid), Business Model (PaaS, IaaS, SaaS), Application (Industrial, Commercial, Personal, Government), and Country: Trend Forecast and Growth Opportunity" is based on a comprehensive research of the entire Asia Pacific cloud robotics market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value



chain. The report is based on studies on 2017-2019 and provides estimate for 2020 and forecast from 2021 till 2030 with 2019 as the base year (Year 2020 is not appropriate for research base due to the outbreak of COVID-19).

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

**Growth Drivers** 

Restraints and Challenges

**Emerging Product Trends & Market Opportunities** 

Porter's Fiver Forces

The trend and outlook of Asia Pacific market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19. The balanced (most likely) projection is used to quantify Asia Pacific cloud robotics market in every aspect of the classification from perspectives of Component, Robot Type, Implementation Module, Connectivity Technology, Deployment Mode, Business Model, Application, and Country.

Based on Component, the Asia Pacific market is segmented into the following submarkets with annual revenue (\$ mn) for 2019-2030 included in each section.

Hardware

**Robot Devices** 

Robot Components

Software

Robotics Application Software

Software for Integrated Virtual Robots



# Software for Cloud Data Storage and Analytics

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Deployment and Integration

Connectivity Management

Strategic Consulting

**Training and Support** 

Based on Robot Type, the Asia Pacific market is segmented into the following submarkets with annual revenue (\$ mn) for 2019-2030 included in each section.

# Stationary Robots

Cartesian/Gantry Robots

Cylindrical Robots

Spherical Robots

SCARA Robots

**Articulated Robots** 

Parallel Robots

Other Stationary Robots

Wheeled Robots

Single Wheel Robots

Two Wheeled Robots

Three Wheeled Robots



Four Wheeled Robots			
Six Wheeled Robots			
Tracked Robots			
Legged Robots			
One Leg Robots			
Bipedal/Humanoid Robots			
Tripedal Robots			
Quadrupedal Robots			
Hexapod Robots			
Many Legs Robots			
Flying Robots			
Swimming Robots			
Robotic Balls			
Swarm Robots			
Modular Robots			
Micro Robots			
Nano Robots			
Soft/Elastic Robots			
Snake Robots			



**Crawler Robots** Hybrid Robots Other Robot Types Based on Implementation Module, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section. Peer-based Cloud Robotics **Proxy-based Cloud Robotics** Clone-based Cloud Robotics Based on Connectivity Technology, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section. Cellular 3G 4G 5G Bluetooth Low Energy (BLE) WiFi/WiMAX Radio Frequency (RF) Infrared



Based on Deployment Mode, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section.

Public Cloud
Private Cloud

Hybrid Cloud

Based on Business Model, the Asia Pacific market is segmented into the following submarkets with annual revenue (\$ mn) for 2019-2030 included in each section.

Platform as a Service (PaaS)

Infrastructure as a Service (laaS)

Software as a Service (SaaS)

Based on Application, the Asia Pacific market is segmented into the following submarkets with annual revenue (\$ mn) for 2019-2030 included in each section.

Industrial Use

Manufacturing

Automotive

Transportation & Logistics

Other Industrial Sectors

Commercial & Professional Use

Healthcare and Medical

Agriculture



Retail and Consumer Service		
Travel and Tourism		
Home and Construction		
Banking, Financial Services, and Insurance		
Other Commercial Sectors		
Personal & Consumer Use		
Entertainment		
Education		
Personal Healthcare		
Home Appliances		
Cleaning		
Other Personal Sectors		
Government and Military Use		
National Defense		
Homeland Security		
Space Management		
Geographically, the following national/local markets are fully investigated:		
Japan		
China		



South Korea

Australia		
India		
Rest of APAC (further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)		
For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2019-2030. The breakdown of key national markets by Component, Business Model, and Application over the forecast years are also included.		
The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.		
Key Players (this may not be a complete list and extra companies can be added upor request):		
ABB Group		
CloudMinds		
FANUC Corporation		
Google Inc.		
HotBlack Robotics Srl		
IBM Corporation		
iRobot Corp.		
KUKA AG		
Matrix Industrial Automation		
Microsoft Corporation		



Yaskawa Electric Corporation

Ortelio Ltd	
Rapyuta Robotics Co., Ltd.	
Rockwell Automation Inc.	
SoftBank Robotics Holding Corp.	
Tend.ai	

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)



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CloudMinds

**FANUC Corporation** 

Google Inc.

HotBlack Robotics Srl

**IBM Corporation** 

iRobot Corp.

KUKA AG

Matrix Industrial Automation

Microsoft Corporation

Ortelio Ltd

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