

# **Global Space Robotics Market Size study, by Solution (Remotely Operated Vehicles (ROV), Remote Manipulator System (RMS), Software, and Services), Application (Deep Space, Near Space, and Ground), Organization Type (Government and Commercial), and Regional Forecasts 2021-2027**

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## **Abstracts**

Global Space Robotics Market is valued approximately USD 4.11 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 5.5% over the forecast period 2021-2027. Space robotics are machines designed to go through the hostile and non-terrestrial environment of space and perform their tasks in the space. These machines are controlled by astronauts through their local console. The increasing space innovation, increasing satellite services and growing government investments in space has led to adoption of space robotics across the globe. Also, increasing activities such as on orbit-assembly, de-orbiting services, and expanding use of manipulators, rovers, space crafts, etc. are expected to lead the high demand for market. As per the information paper by International Federation of Robotics (IFR), in 2019, NASA allocated \$348 million for Mars 2020 and \$253.5 million for other missions and data analysis. However, strict government policies by high level space regulation authorities and huge investment required are factors foreseen to hamper the growth of the market over the forecast period of 2021-2027. Also, implementation of future space programs and emerging technologies, such as Artificial Intelligence (AI) and Deep Learning (DL) is likely to increase the market growth during the forecast period.

Globally, North America is accounted to hold the highest market across the world attributing to the presence of strong space centers such as NASA and CSA. Whereas, Asia Pacific is expected to show substantial growth over the forecast period 2021-2027.

Factors such as high demand of space robotic activities, collaborative initiatives of the countries of this region to work for sustainable future and technological advancement would create opportunities for growth across Asia-Pacific region.

Major market player included in this report are:

Astrobotic Technology, Inc.

Altius Space

Motiv Space Systems, Inc.

BluHaptics, Inc. (Olis Robotics)

Oceaneering International, Inc.

Northrop Grumman Corporation

Honeybee Robotics

Maxar Technologies

Intuitive Machines, LLC

Metecs, LLC

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available 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 Solution:

Remotely Operated Vehicles (ROV)

Remote Manipulator System (RMS)

Software

Services

By Application:

Deep Space

Near Space

Ground

By Organisation Type:

Government

Commercial

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  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019  
Base year – 2020  
Forecast period – 2021 to 2027

Target Audience of the Global Space Robotics Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

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