

Global Space Logistics Market Size study & Forecast, by Operation(Space Exploration, Active debris removal, Space situational awareness, On-orbit servicing assembly and manufacturing, Last mile logistics) by Payloads (Spacecraft and Satellites Systems, Cargo and Material, Others), and Regional Analysis, 2022-2029

<https://marketpublishers.com/r/GA665A6F2FB8EN.html>

Date: April 2023

Pages: 200

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

ID: GA665A6F2FB8EN

Abstracts

Global Space Logistics Market is valued approximately USD 1.31 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 17.3% over the forecast period 2022-2029. The ability to support both manned and robotic operations as well as the transfer of goods and materials to, from, and within space are all included in space logistics. Additionally, the term 'space logistics' refers to the areas of space operations that deal with the procurement, design & development, storage, distribution, evacuation, maintenance, transfer, and disposal of space material as well as the evacuation, movement, and hospitalization of people in space. The market is being driven by factors such as Increase in space exploration missions and rise in space stations, increase in demand for LEO-based satellite services, growing investment by private companies.

Commercial satellite networks and services have become increasingly necessary in recent years. The emergence of companies like Google and Facebook with commercial services that require satellite networks and capacity has also benefited the satellite manufacturing sector. To meet the growing demand for commercial space applications, countless more nanosatellites, picosatellites, and CubeSats must be created and launched. For instance, in June 2021 the U.S. Space Force awarded a \$4.9 billion contract to Lockheed Martin Corporation to create three missile warning satellites. The demand for space management and logistics is anticipated to increase in the near

future as a result of the growing number of satellites, which is anticipated to spur market expansion. Furthermore, D-Orbit, a space logistics company, announced in June 2022 that it had signed a \$2 million deal with the European Space Agency to enhance the manufacturing of its ION Satellite Carrier. It was the most recent victory for the ambitious Italian company, which has plans to provide many different satellite services, ranging from active debris clearance to space-based cloud computing. According to the agreement, ESA will contribute funds to D-effort Orbit's to enhance ION's capabilities and lower its price. It is projected that during the projection period, these innovations will fuel market expansion. However, the high cost of Space Logistics, the heightened emissions due to the rising number of space launches and interoperability issues stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Space Logistics Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue owing to factors such as rise in space exploration missions and space stations, the demand for LEO-based satellite services, and expanding private company investment. Whereas Asia Pacific is expected to grow with a highest CAGR during the forecast period, owing to factors such as rising government support to the industry, presence of key players, and active participation of government and nonprofit organizations in the market space.

Major market player included in this report are: Deutsche Post DHL Group
ArianGroup
ATOMOS SPACE
D-Orbit SpA
EXOLAUNCH GmbH
Exotrail
Impulse Space Inc
Launcher Inc
Momentum Inc
Northrop Grumman

Recent Developments in the Market:

In September 2022, Yusen Logistics Co., Ltd. Announced its expansion by opening of a warehouse as well as distribution center which is continuously developing an important logistics hub for light industry.

In December 2020, in order to cooperatively address terrestrial difficulties and take advantage of extra terrestrial prospects, Deutsche Post DHL Group and D-Orbit formed

a cooperation. The logistics for ION Satellite Carrier were put up in collaboration between DHL and D-Orbit.

Global Space Logistics 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 Operation, Payload, 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 Operation offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Operation:

Space situational awareness

Space Exploration

Active debris removal

On-orbit servicing assembly and manufacturing

Last mile logistics

By Payloads:

Spacecraft and Satellites Systems

Cargo and Material

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

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