

# **Satellite Manufacturing and Launch System Market Report by Segment (Satellite Manufacturing, Satellite Launch System), Satellite Type (LEO (Low Earth Orbit) Satellites, MEO (Middle Earth Orbit) Satellites, GEO (Geosynchronous Equatorial Orbit) Satellites, Beyond GEO Satellites), Application (Commercial Communications, Government Communications, Earth Observation Services, Research and Development, Navigation, Military Surveillance, Scientific Applications, and Others), End-Use Sector (Military and Government, Commercial, and Others), and Region 2024-2032**

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## **Abstracts**

The global satellite manufacturing and launch system market size reached US\$ 20.3 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 28.5 Billion by 2032, exhibiting a growth rate (CAGR) of 3.8% during 2024-2032.

A satellite is a human-made spacecraft manufactured to orbit the Earth and other celestial objects to retrieve and process topographical information. Satellites are usually made using light-weight metals such as titanium and aluminum, along with composites and alloys, including aluminum-beryllium and nickel-cadmium. Currently, satellite manufacturing and launch organizations deal with Low Earth Orbit (LEO), geostationary (GEO) and sun-synchronous orbit satellites, which are used for remote communication, sensing, surveillance, transmission, traffic control and telemetry.

The increasing utilization of satellites for military surveillance and related defense applications is one of the key factors driving the growth of the market. They are also used for various commercial applications, such as global positioning services (GPS), satellite-based telemetry and internet connectivity. Furthermore, a reduction in the overall launch costs of satellites is another factor providing a boost to the market growth. Additionally, miniaturization of satellites with increased payload capabilities is also creating a positive outlook for the market. These satellites are compact in size and enable additional load on a single launch vehicle, which enhances the profit margins for the organizations. They are considered as one of the most effective solutions for cost reduction while ensuring optimum performance. Apart from being used indirectly to operate larger satellites, they are also widely utilized by research institutes and universities for technology demonstration sessions. Other factors, including the utilization of 3D technology in the manufacturing process, along with the implementation of favorable government policies to promote space research and increasing investments in research and development (R&D) by the private sector, are projected to drive the market further.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global satellite manufacturing and launch system market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on segment, satellite type, application and end-use sector.

#### Breakup by Segment:

- Satellite Manufacturing
- Satellite Launch System

#### Breakup by Satellite Type:

- LEO (Low Earth Orbit) Satellites
- MEO (Middle Earth Orbit) Satellites
- GEO (Geosynchronous Equatorial Orbit) Satellites
- Beyond GEO Satellites

#### Breakup by Application:

- Commercial Communications

Government Communications  
Earth Observation Services  
Research and Development  
Navigation  
Military Surveillance  
Scientific Applications  
Others

Breakup by End-Use Sector:

Military and Government  
Commercial  
Others

Breakup by Region:

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

## Middle East and Africa

### Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Airbus SE, Arianespace SA, Blue Origin LLC, Boeing, Geoptics Inc., Innovative Solutions in Space (ISISPACE) Group, Lockheed Martin Corporation, Northrop Grumman Corporation., Raytheon Company, Space Exploration Technologies Corporation, Thales Group, Viasat Inc., etc.

### Key Questions Answered in This Report

1. What was the size of the global satellite manufacturing and launch system market in 2023?
2. What is the expected growth rate of the global satellite manufacturing and launch system market during 2024-2032?
3. What has been the impact of COVID-19 on the global satellite manufacturing and launch system market?
4. What are the key factors driving the global satellite manufacturing and launch system market?
5. What is the breakup of the global satellite manufacturing and launch system market based on segment?
6. What is the breakup of the global satellite manufacturing and launch system market based on the application?
7. What is the breakup of the global satellite manufacturing and launch system market based on the end-use sector?
8. What are the key regions in the global satellite manufacturing and launch system market?
9. Who are the key players/companies in the global satellite manufacturing and launch system market?

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