



as providing professional advice on before and after launch of the payload.

Increased satellite launches due to rising need for satellite-based services such as broadband internet, navigation, remote sensing, and communication supplements the [size growth of the space launch services market](#). These services are employed across industries, such as logistics, telecommunications, agriculture, and defense. Moreover, with the advancement in technology and engineering, satellite launch has been made easier and less expensive thus leading to the growth of the market across the globe.

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With the production of reusable rockets and other space technology has significantly decreased launch costs. Companies alike SpaceX, Blue Origin, and Rocket Lab have developed new launch vehicles and technologies that could lower the cost of satellite launches even further. For instance, on March 1, 2022, NASA successfully launched a third next-generation satellite for the National Oceanic and Atmospheric Administration (NOAA). GOES-T, the latest geostationary operational environmental satellite, was launched from Cape Canaveral Space Force Station on a United Launch Alliance Atlas V rocket.

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Based on launch platform, the land segment held the highest market share in 2022, accounting for nearly four-fifths of the global space launch services market revenue and is estimated to maintain its leadership status throughout the forecast period. Land-based launches consist of a launch pad, a rocket or spacecraft, and a range of support infrastructure. The land-based launch is preferred the most, as it provides a stable and controlled environment for the launch vehicle. Land-based launch systems are capable of launching large payloads into orbit, making them well-suited for a wide range of missions. However, the sea segment would cite the fastest CAGR of 14.0% during the forecast period.

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Based on service type, the pre-launch segment held the highest market share in 2022, accounting for more than three-fifths of the global space launch services market revenue and is estimated to maintain its leadership status throughout the forecast period. The same segment is estimated to cite the fastest CAGR of 14.1% during the forecast time period. Pre-launch services might include a wide range of tasks depending on the type of launch site, the mission, and the hardware employed. These services may include spacecraft integration, launch site preparation, launch vehicle and spacecraft testing and checkout, pre-launch processing, and launch operations support.

Based on launch vehicle, the heavy launch vehicle segment held the highest market share in 2022, accounting for nearly three-fourths of the global space launch services market revenue and is estimated to maintain its leadership status throughout the forecast period. Heavy launch vehicles are required to meet the increase in demand for larger and more complex spacecraft. Interplanetary missions require larger and more sophisticated aircraft, and these missions require the launch of heavy payloads which are expected to be accomplished only by heavy lift launch vehicles. However, the small launch segment would cite the fastest CAGR of 15.3% from 2023 to 2032.

Based on end user, the heavy launch vehicle segment held the highest market share in 2022, accounting for more than half of the global space launch services market revenue and is estimated to maintain its leadership status throughout the forecast period. The space launch services are used by the government and military for various purposes such as for scientific research, for instance, the launch of the Hubble space telescope, which helps scientists to study the universe. Moreover, there are communication satellites that help the government and military to communicate in the occurrence of critical situations or contact its personnel in some remote areas. Governments & militaries use space satellites for surveillance and intelligence gathering. The development of the technology and its implementation, such as the launch of James Webb, helps the space launch service market to fulfill the goals of scientific study and space exploration, and national security. However, the commercial segment would cite the fastest CAGR of 13.8% from 2023 to 2032.

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Based on region, North America held the highest market share in terms of revenue in 2022, accounting for nearly one-third of the global space launch services market revenue and is estimated to maintain its leadership status throughout the forecast period. The North American space launch market has been rapidly evolving, with increase in competition as new players have entered the market and established companies competing for the market share. Moreover, there are companies introducing space tourism for people. Blue Origin and SpaceX have developed spacecraft that can be used for commercial spaceflight. However, the Asia-Pacific region would cite the fastest CAGR of 14.9% during the forecast period.

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