

# On-Orbit Satellite Servicing Market Size, Share, Competitive Landscape and Trend Analysis Report

*The Business Research Company's On-Orbit Satellite Servicing Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034*

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How Large Will The On-Orbit Satellite Servicing Market Be By 2025?

Significant growth in the [on-orbit satellite servicing market size](#) has been observed recently. The market is projected to expand from \$3.06 billion in 2024 to \$3.39 billion in 2025, corresponding to a compound annual growth rate (CAGR) of 10.6%. Several factors have contributed to this growth during the historical period, including an increase in commercial satellite launches, heightened interest in satellite servicing from the government and military, a rising need for cost-effective satellite maintenance, an increased emphasis on sustainability and preserving the space environment, and the growing complexity and worth of satellites in orbit.

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The Business Research Company's Latest Report Explores Market Driver, Trends, Regional Insights - Market Sizing & Forecasts Through 2034”

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The market for on-orbit satellite servicing is predicted to witness substantial expansion in the coming years, with a projected size of \$5.02 billion in 2029, following a compound annual growth rate (CAGR) of 10.3%. The escalation in this interval is due to the escalating demand for satellite life extension, the growing requirement for in-orbit refueling capabilities, increased uptake of satellite inspection and repair services, overstating satellite congestion in low earth orbit, and higher demand for active debris removal services. The forecast period will also see key trends like the progress in autonomous robotic technologies specific to satellite servicing, the creation of advanced in-orbit refueling systems, the use of artificial intelligence (AI) and machine learning

for pinpoint satellite diagnostics, leaps in modular satellite design enabling uncomplicated servicing, and the creation of high-accuracy navigation and control systems.

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### What Are The Major Driving Forces Influencing The On-Orbit Satellite Servicing Market Landscape?

The burgeoning activities in space exploration are forecasted to boost the expansion of the on-orbit satellite servicing market. These activities involve the continuous search for scientific breakthroughs, technological development, and business opportunities beyond our planet via multiple projects, studies, and operations conducted in space. The surge is attributed to an escalating demand for high-tech communication and earth-monitoring satellites, which facilitate worldwide networking, ecological scrutiny, and heightened security. On-orbit satellite servicing assists these exploration endeavors by lengthening the lifespan of satellites and facilitating repairs, effectively cutting down the expenses associated with full-scale replacements. It bolsters mission triumph and viability, promoting persistent scientific inquests and business undertakings in space. For example, in September 2023, a report by Novaspace, a France-based business consultancy firm specializing in the space sector, indicated global government expenditure on space exploration was \$26 billion for that year. This expenditure is predicted to escalate to nearly \$33 billion by 2032. Thus, the expansion of space exploration activities stimulates the growth of the on-orbit satellite servicing market.

### Who Are The Top Players In The On-Orbit Satellite Servicing Market?

Major players in the On-Orbit Satellite Servicing Global Market Report 2025 include:

- Airbus SE
- Northrop Grumman Corporation
- Thales Alenia Space S.A.S.
- Aerospace Corporation
- Maxar Technologies Inc.
- Astroscale Holdings Inc.
- ClearSpace SA
- Orbit Fab Inc.
- Tethers Unlimited Inc.
- Space Machines Company

### What Are The Key Trends Shaping The On-Orbit Satellite Servicing Industry?

Major players in the on-orbit satellite servicing sector are expanding their technological advancements, concentrating on diversified spacecraft platforms, to boost mission adaptability, facilitate multi-service operations, and prolong the lifespan of existing satellites. The diversified spacecraft platform is an adaptable, modular spacecraft model that cost-effectively and efficiently supports a variety of missions and payloads. For example, Blue Origin Enterprises, L.P., a business specializing in astronautics from the United States, initiated the launch of a Blue Ring

in October 2023. This diversified spacecraft platform is designed for hosting, transporting, and refuelling satellites in various orbits, providing comprehensive logistics and mission flexibility for both commercial and government clientele. It features prominent advantages like multi-orbit functionality, significant payload capacity, in-space computation, and the potential to prolong satellite life through on-orbit servicing and refuelling.

Market Share And Forecast By Segment In The [Global On-Orbit Satellite Servicing Market](#)

The on-orbit satellite servicing market covered in this report is segmented –

- 1) By Type: Small Satellites, Medium Satellites, Large Satellites
- 2) By Orbit: Low Earth Orbit (LEO), Medium Earth Orbit (MEO), Geostationary Orbit (GEO)
- 3) By Service Type: Refueling, Repurposing, Repair, Transport, Upgrade
- 4) By Satellite Type: Commercial Satellites, Government Satellites, Military Satellites, Scientific Satellites
- 5) By End User: Government Agencies, Commercial Enterprises, Research Institutions, Non-profit Organizations

Subsegments:

- 1) By Small Satellites: CubeSats, Microsatellites, Nano Satellites
- 2) By Medium Satellites: Minisatellites, Small Geostationary Satellites
- 3) By Large Satellites: Large Geostationary Satellites, Earth Observation Satellites, Heavy Communication Satellites

View the full on-orbit satellite servicing market report:

<https://www.thebusinessresearchcompany.com/report/on-orbit-satellite-servicing-global-market-report>

On-Orbit Satellite Servicing Market Regional Insights

In 2024, North America stood as the leading region in the on-orbit satellite servicing global market. It is forecasted that Asia-Pacific will witness the most rapid growth within the forecast period. The market report includes an array of regions comprising Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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