

Commercial Satellite Constellations Market Report 2025 | Growth Opportunities, Key Trends & Forecasts to 2029

*The Business Research Company's
Commercial Satellite Constellations
Market Report 2025 | Growth
Opportunities, Key Trends & Forecasts to
2029*

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How Much Is The Commercial Satellite Constellations Market Worth?



Expected to grow to \$25.21
billion in 2029 at a
compound annual growth
rate (CAGR) of 11.6%"

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The size of the commercial satellite constellations market has experienced a significant rise in the past few years. The market which stands at \$14.38 billion in 2024 is projected to expand to \$16.25 billion in 2025, demonstrating a compound annual growth rate (CAGR) of 13.0%. Reasons for the notable growth in the previous period include technology progression, expansion of new space, a need for inexpensive, high-speed broadband, growth of internet constellations, and a surge in demand for services based

on low earth orbit (LEO).

In the coming years, there is anticipated to be a rapid expansion in the commercial satellite constellations market, with projections indicating a size of \$25.21 billion by 2029, growing at a compound annual growth rate (CAGR) of 11.6%. This predicted growth during the forecast period is likely due to an increase in the need for satellite-based connectivity, an expansion in government initiatives, a fourfold rise in satellite demand, wider internet constellation deployment and the progression of the internet of things (IoT). Key trends throughout this forecast period include the swift establishment of mega constellations, advancements in technology, cooperative efforts, development in space technologies, and the application of

artificial intelligence (AI).

Download a free sample of the [commercial satellite constellations market report](https://www.thebusinessresearchcompany.com/sample.aspx?id=14074&type=smp):
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What Are The Factors Driving The Commercial Satellite Constellations Market?

The anticipated surge of the Internet of Things (IoT) is believed to spur the expansion of the commercial satellite constellations market. The IoT describes a web of interconnected tangible devices, vehicles, appliances, and other products outfitted with sensors, software, and network capabilities that allow them to gather and share data via the Internet. Satellite constellations are crucial for maintaining universal connectivity, as they ensure that even IoT devices in isolated or unreachable locations can connect to the internet when conventional terrestrial networks may not be adequate. As an instance, Ericsson, a telecommunications company based in Sweden, detailed in a report published in November 2022 that IoT connections worldwide are estimated to tally up to 15.7 billion in 2023. Furthermore, the figure is anticipated to skyrocket to around 38.9 billion by 2029, growing at a rate of 16%. Hence, the swelling of the Internet of Things (IoT) propels the expansion of the commercial satellite constellations market.

Who Are The Major Players In The Commercial Satellite Constellations Market?

Major players in the Commercial Satellite Constellations Global Market Report 2025 include:

- Lockheed Martin Corporation
- Northrop Grumman Corporation
- Mitsubishi Electric Corporation
- Honeywell International Inc
- China Aerospace Science and Technology Corporation (CASC)
- Thales Alenia Space
- Space Exploration Technologies Corp
- Viasat Inc.
- Cobham plc
- L3Harris Technologies Inc

What Are The Upcoming Trends Of Commercial Satellite Constellations Market In The Globe?

Significant players in the commercial satellite constellations market are cultivating advanced technologies like imaging satellites to improve their service offerings with superior features. An imaging satellite is a man-made satellite armed with sensors and instruments that offer high-resolution images of the Earth's surface from outer space. For example, in April 2022, Shakuntala, a private commercial imaging satellite, was deployed by the India-based aerospace company, Pixxel. The remarkable trait of the Shakuntala satellite is its ability to host one of the highest advanced hyperspectral commercial cameras ever dispatched into space. This cutting-edge technology enables the less than 15kg satellite to procure orbital images in over 150 bands of color across the visible and infrared spectrums. The forthcoming satellite constellation data from Pixxel presents a global outlook of earth's ecosystems, powering an AI-propelled analysis platform. This apparatus will prove indispensable in giving actionable insights and policy

suggestions to environmentally conscious governments and organizations.

Which Segment Accounted For The Largest [Commercial Satellite Constellations Market Share](#)?

The commercial satellite constellations market covered in this report is segmented –

- 1) By Type: Low Earth Orbit (LEO) Constellations, Medium Earth Orbit (MEO) Constellations, Geostationary Earth Orbit (GEO) Satellites
- 2) By Frequency: Ka-Band, Ku-Band, C-Band
- 3) By Application: Telecommunications And Connectivity, Earth Observation And Remote Sensing, Navigation And Positioning Services

Subsegments:

- 1) By Low Earth Orbit (LEO) Constellations: Broadband Communication Satellites, Earth Observation Satellites, Scientific And Research Satellites
- 2) By Medium Earth Orbit (MEO) Constellations: Navigation Satellites, Communication Satellites, Earth Observation Satellites
- 3) By Geostationary Earth Orbit (GEO) Satellites: Direct-To-Home (DTH) Broadcast Satellites, Communication Satellites, Weather Satellites

View the full commercial satellite constellations market report:

<https://www.thebusinessresearchcompany.com/report/commercial-satellite-constellations-global-market-report>

What Are The Regional Trends In The Commercial Satellite Constellations Market?

In the 2025 Commercial Satellite Constellations Global Market Report, North America emerged as the leading region for the year 2024. The report predicts the highest growth rate in the Asia-Pacific region during the forecast period. It provides coverage for all global regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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