



The Satellite IoT Communications Market

5th Edition

The Satellite IoT Communications Market analyses the latest trends and developments on the emerging satellite IoT connectivity market. This strategic research report from Berg Insight provides you with 75 pages of unique business intelligence including 5-year industry forecasts and expert commentary on which to base your business decisions.

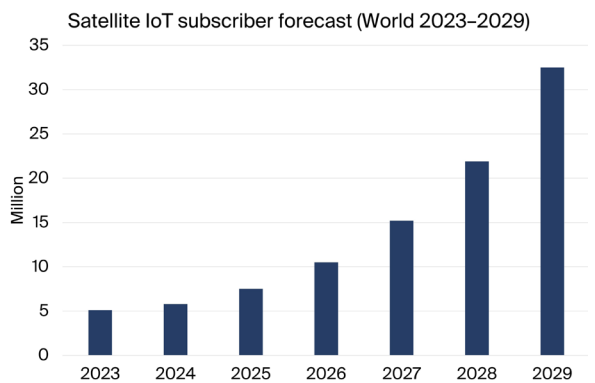
The number of satellite IoT subscribers to reach 32.5 million in 2029

Only about 10 percent of the Earth's surface has access to terrestrial connectivity services which leaves a massive opportunity for satellite IoT communications. Satellite connectivity provides a complement to terrestrial cellular and non-cellular networks in remote locations, especially useful for applications in agriculture, asset tracking, maritime and intermodal transportation, oil and gas industry exploration, utilities, construction and governments. Both incumbent satellite operators and more than two dozen new initiatives are now betting on the IoT connectivity market. This study covers a total of 46 satellite IoT operators. Only 17 of these offer commercial satellite IoT connectivity services today.

The global satellite IoT communications market is growing at a good steady pace. The global satellite IoT subscriber base grew to surpass 5.8 million in 2024. The number of satellite IoT subscribers will increase at a compound annual growth rate (CAGR) of 41.1 percent to reach 32.5 million units in 2029. Satellite IoT connectivity revenues are at the same time forecasted to grow at a compound annual growth rate (CAGR) of 36.4 percent from € 334.1 million in 2024 to approximately € 1.58 billion in 2029. Meanwhile the monthly ARPU is expected to drop to € 4.05 by 2029. Iridium, ORBCOMM, Viasat and Globalstar are the largest satellite IoT network operators. Iridium grew its subscriber base by 10 percent in the last year and reached the number one spot serving 2.0 million subscribers. Originally a dedicated satellite operator, ORBCOMM has transitioned into an end-to-end solution provider, delivering services on its own satellite network as well as being a reseller partner of Viasat and others. At the end of Q4-2024, the company had 742,000 million satellite IoT subscribers on its own and Viasat's networks. Viasat does not currently report IoT subscribers. Globalstar reached 0.51 million subscribers. Other players with connections in the

tens of thousands include for instance Myriota in Australia, Kineis in France and Thuraya in the UAE.

In addition to the incumbent satellite operators a number of new initiatives have appeared on the market recently. Examples of some high-profile projects are Astrocast, AST SpaceMobile, Geespace, Hubble Network, Kineis, Ligado Networks, Lynk, Myriota, Omnispace, OQ Technology, Plan-S, Sateliot, Skylo and Starlink. Many of these are based on low-earth orbit nano satellite concepts. While some rely on proprietary satellite connectivity technologies to support IoT devices, several are starting to leverage terrestrial wireless IoT connectivity technologies. Examples include OQ Technology, AST SpaceMobile, Omnispace, Sateliot, Ligado Networks, Lynk, Skylo, Connected, Iridium, Terrestar Solutions, Geespace and Starlink (3GPP 4G/5G); EchoStar Mobile, Fossa Systems, Lacuna Space, Innova Space, Plan-S and Eutelsat (LoRa); and Hubble Network (Bluetooth).



Highlights from the report

- 360-degree overview** of the satellite IoT communications ecosystem.
- Reviews** of the strategies of 46 satellite IoT operators.
- Perspectives** on the impact of the new LEO smallsat constellations.
- Summary** of the latest industry trends and developments.
- Reviews** of operator market shares and competitive dynamics.
- Extensive** global and regional market forecasts lasting until 2029.

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Glossary

This report answers the following questions

- Which IoT applications are most relevant for satellite connectivity?
- What are the latest developments in the satellite IoT communications market?
- How will the emerging LEO satellite constellations affect the market?
- What are the market shares for the leading satellite IoT operators?
- What are the regional developments in North America, Europe, China and ROW?
- Which are the latest hybrid satellite-terrestrial connectivity initiatives?
- How will the global satellite IoT market evolve over the next five years?



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Our market reports offer comprehensive information and analysis on key IoT technologies and markets, addressing important concerns including total addressable market, market penetration, market shares, industry landscape, regulatory environment, market trends and forecasts. Our research portfolio today comprises more than 80 items, where each market report focuses on a specific vertical application area or cover horizontal themes. All market reports come with complementary data sets in Excel format that can be easily analysed and converted into tables and charts. We offer a range of different license options together with bundled packages and subscriptions to suit your specific needs.

HORIZONTAL THEMES

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Who should read this report?

The Satellite IoT Communications Market is the foremost source of information about the emerging satellite IoT connectivity market. Whether you are a device vendor, service provider, satellite operator, investor, consultant, or government agency, you will gain valuable insights from our in-depth research.



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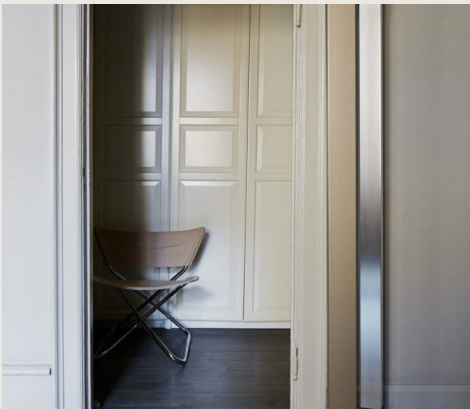


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