



Press release from IoT analyst firm Berg Insight:

The global satellite IoT subscriber base to reach 23.9 million by 2027

Gothenburg, Sweden – August 30, 2023: According to a new research report from specialist IoT analyst firm Berg Insight, the global satellite IoT communications market is growing at a good steady pace. The global satellite IoT subscriber base grew to surpass 4.5 million in 2022. The number of satellite IoT subscribers will increase at a compound annual growth rate (CAGR) of 39.6 percent to reach 23.9 million units in 2027. 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 new study covers a total of 44 satellite IoT operators.

“Iridium, Orbcomm, Inmarsat and Globalstar are the largest satellite IoT network operators today”, says Johan Fagerberg, Principal Analyst at Berg Insight. Iridium grew its subscriber base by 20 percent in the last year and reached the number one spot serving 1.5 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 Inmarsat and others. At the end of Q4-2022, the company had 1.1 million satellite IoT subscribers on its own and Inmarsat's networks. At the same time Globalstar reached 0.44 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, CASC/CASIC, E-Space, Fleet Space Technologies, Hubble Network, Kepler Communications, Kineis, Ligado Networks, Lynk, Myriota, Omnispace, Skylo, Swarm Technologies (SpaceX) and Totum. 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 including OQ Technology, AST SpaceMobile, Omnispace, Sateliot, Galaxy Space, Ligado Networks, Lynk, Skylo and Starlink (3GPP 4G/5G); EchoStar Mobile, Fossa Systems, Lacuna Space, Innova Space and Eutelsat

(LoRaWAN); and Hubble Network (Bluetooth). “Collaborations between satellite operators and mobile operators that explore new hybrid satellite-terrestrial connectivity opportunities will become common in the next years and recent examples include Telefónica & Sateliot, Deutsche Telekom & Intelsat/Skylo and Soracom & Astrocast”, concludes Mr Fagerberg.

Download report brochure: [The Satellite IoT Communications Market](#)

About Berg Insight

Berg Insight is a dedicated M2M/IoT market research firm based in Sweden. We have been specialising in all major M2M/IoT verticals such as fleet management, car telematics, smart metering, smart homes, mHealth and industrial M2M since 2004. Our vision is to be the most valuable source of intelligence for our customers. Berg Insight offers numerous market reports, detailed market forecast databases and advisory services. We provide custom research tailored to your requirements including focussed research papers, business case analysis, go-to-market strategies and bespoke market forecasting. We have provided analytical services to 1400 clients in 72 countries on six continents to date. Our customers range from many of the world’s largest mobile operators, IT companies and telecom vendors, to venture capitalists, technology start-ups and specialist consultants.