

Global SATCOM Equipment Market Report and Forecast 2024-2032

Market Report | 2023-11-23 | 198 pages | EMR Inc.

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Report description:

Global SATCOM Equipment Market Report and Forecast 2024-2032

Market Outlook

According to the report by Expert Market Research (EMR), the global SATCOM equipment market is projected to grow at a CAGR of about 10.5% between 2024 and 2032 reaching a value of approximate USD 67.34 billion by 2032. Aided by the rising demand for reliable and secure communication networks, coupled with the surging deployment of Low Earth Orbit (LEO) and Medium Earth Orbit (MEO) satellite constellations, the market is expected to grow significantly by 2032.

SATCOM equipment comprises a diverse range of technologies that enable the transmission and reception of signals via satellites. These systems are integral for maintaining communication where terrestrial networks are unavailable or unreliable, such as in remote or rugged terrains, at sea, or during natural disasters. They are increasingly being adopted across various sectors, including military, maritime, aviation, and telecommunications.

In an increasingly connected world, the thirst for seamless, ubiquitous, and high-speed connectivity is unrelenting, which is boosting the SATCOM equipment market expansion. SATCOM plays a crucial role in satisfying this demand, especially in regions where terrestrial networks are challenging or expensive to deploy. With the proliferation of broadband-hungry applications, such as IoT, telemedicine, and remote work platforms, SATCOM equipment has gained significant traction.

The defense sector is generating a high SATCOM equipment market demand. These systems are fundamental in ensuring secure, reliable, and instantaneous communication for military forces operating in diverse and often remote environments. As geopolitical tensions rise globally, the demand for advanced SATCOM equipment in the defense sector is expected to further escalate.

Recent years have witnessed a surge in interest and investment in LEO and MEO satellite constellations. Companies like SpaceX, OneWeb, and Telesat are working tirelessly to deploy these constellations, aiming to provide unprecedented levels of broadband connectivity across the globe. The deployment of these constellations is driving a substantial demand for ground-based SATCOM equipment to facilitate communication.

While the SATCOM equipment market outlook is poised to witness new heights, it must navigate a complex regulatory landscape. Spectrum allocation is a significant issue, with SATCOM operators requiring access to specific frequency bands that are often shared with or are adjacent to other services. Navigating this issue requires extensive negotiations and regulatory approvals, which can be time-consuming and complex.

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North America, particularly the United States, accounts for a significant portion of the SATCOM equipment market share, largely due to the presence of major industry players and significant investment in defense and space technologies. However, the Asia-Pacific region is projected to be the fastest-growing market in the coming years, spurred by burgeoning telecom sectors and increasing defense budgets in countries like China and India.

Market Segmentation

The market can be divided based on product, technology, application, end use, and region.

Market Breakup by Product

- SATCOM Receiver
 - o□ Low-Noise Amplifier
 - o□ Down Converter
 - o□ Demodulator
 - o□ Decoder
- SATCOM Transmitter
 - o□ Modulator
 - o□ Up Converter
 - o□ High Power Amplifier
 - o□ Encode

- SATCOM Transceiver
- SATCOM Antenna
- SATCOM Modem/Router

Market Breakup by Technology

- SATCOM VSAT
- SATCOM-On-The-Move (SOTM)
- SATCOM-On-The-Pause (SOTP)
- SATCOM Telemetry
- SATCOM Automatic Identification System

Market Breakup by Application

- Portable SATCOM Equipment
- Land Mobile SATCOM Equipment
- Maritime SATCOM Equipment
- Airborne SATCOM Equipment
- Land Fixed SATCOM Equipment

Market Breakup by End Use

- Telecom and IT
- Scientific Research and Development
- Transportation and Logistics
- Media and Entertainment
- Government and Defence
- Homeland SATCOM Equipment
- Public Safety
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

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Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and mergers and acquisitions, among other major developments, of the leading companies operating in the global SATCOM equipment market. Some of the major players explored in the report by Expert Market Research are as follows:

-□General Dynamics Mission Systems, Inc.

-□L3Harris Technologies, Inc.

-□Cobham Limited

-□Iridium Communications Inc.

-□Gilat Satellite Networks Ltd.

-□Viasat, Inc.

-□ASELSAN A.S.

-□Intellian Technologies, Inc.

-□Campbell Scientific, Inc.

-□ST Engineering iDirect, Inc.

-□Others

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