

Global Satellite Ground Station Equipment Market Report and Forecast 2023-2028

Market Report | 2023-09-26 | 146 pages | EMR Inc.

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Report description:

Global Satellite Ground Station Equipment Market Report and Forecast 2023-2028

Market Outlook

According to the report by Expert Market Research (EMR), the global satellite ground station equipment market is projected to grow at a CAGR of 4.1% between 2023 and 2028. Aided by the rapid technological advancements, increasing reliance on satellite-based communications, and a surge in satellite launches for various applications, the market is expected to grow significantly by 2028.

Satellite ground station equipment, integral components in space communication infrastructure, facilitate the relay of data between satellites and Earth. This equipment encompasses a myriad of instruments, including antennas, transceivers, control consoles, and servers. These tools play a pivotal role in a broad spectrum of activities, spanning from weather forecasting and natural disaster management to defense surveillance and global communication.

Driving the upward trajectory of the satellite ground station equipment market growth is the exponential demand in satellite-based applications. The surge in demand for high-speed internet, direct-to-home broadcasting, and the necessity for real-time data transmission has necessitated the enhancement of satellite communication infrastructure.

Additionally, the space industry has been witnessing a wave of private investments and collaborations. Prominent tech giants and startups alike are making forays into satellite launches, aiming for broader connectivity, space exploration, and Earth observation. This proliferation in satellite launches invariably increases the demand for advanced and efficient ground station equipment. With the 5G revolution knocking on the door, the integration of satellite communications with terrestrial networks is becoming increasingly vital. Satellite ground station equipment is central to this integration, ensuring seamless data transfer, minimal latency, and enhanced bandwidth. The burgeoning investments in 5G technology are bound to act as a catalyst which might influence the satellite ground station equipment market outlook.

Furthermore, innovations in ground station equipment are keeping pace with the rapidly evolving satellite technology. The development of phased-array antennas, enhanced transceiver systems, and AI-powered control systems are making ground stations more adaptive, efficient, and capable of handling vast amounts of data from multiple satellites simultaneously. Geopolitically, nations are focusing more on strengthening their satellite communication capabilities, given the strategic importance of real-time data relay in today's world. This focus has further given impetus to the satellite ground station equipment

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market share, as countries invest in building more ground stations and updating existing ones.

Market Segmentation

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

Market Breakup by Product

- Satellite Navigation
- NOC Equipment
- VSAT Equipment
- Antennas
- Power Units
- Gateways
- Test and Monitoring Equipment
- Others

Market Breakup by Application

- Military
- Civilian

Market Breakup by Region

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

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 satellite ground station equipment market. Some of the major players explored in the report by Expert Market Research are as follows:

- EchoStar Corporation (NASDAQ: SATS)
- Gilat Satellite Networks Ltd. (NASDAQ: GILT)
- Viasat, Inc. (NASDAQ: VSAT)
- ST Engineering iDirect, Inc.
- NovelSat
- Others

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