

Satellite Communication System Market By Satellite Orbit (Low Earth Orbit (LEO), Medium Earth Orbit (MEO), Geostationary Orbit (GEO)), By Component (Equipment, Services), By End User (Maritime, Aerospace and Defense, Industrial, Government, Transportation and Logistics, Media, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031

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Report description:

An artificial satellite called a satellite communication establishes a channel between a transmitter and a receiver at various points on Earth in order to transmit a signal using a transponder. Satellite communication systems are used in telephone, radio, television, internet, and military applications. The use of satellite communication systems is essential to both the commercial and defence industries. Global demand for satellites has surged as a result of the launching of LEO satellites and constellations of satellites for communications applications. A growing fleet of autonomous and connected vehicles used for various applications in the military and commercial sectors, which require specialised SATCOM-on-the-move antennas, is another factor that is propelling the market's expansion. These vehicles are also increasing the demand for Ku- and Ka-band satellites.

The development of new prospects in cutting-edge areas of the industry was facilitated by changes in satellite communications as well as advancements in all forms of telecommunications and computer operations. The need for effective wireless connections via terrestrial wireless and satellite communications is growing fast as industrial production facilities and mining operations move further into inhospitable terrains. According to the Satellite Industry Association, the commercial satellite industry played a pivotal role during the COVID-19 pandemic. Due to its numerous uses in providing voice, data, and broadcast communications solutions as well as navigation, earth observation, remote sensing, and other specialised services essential for businesses, government clients, and consumers both domestically and globally, the demand for satellite communication system has increased.

International space agencies, like NASA, used communication satellites to show how COVID-19 changed the entire earth.

The rising demand for Internet of Things devices is one important aspect that affects the development of the worldwide satellite

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communication system sector. Additionally, the market is anticipated to grow due to the increase in demand for military and defence satellite communication solutions and the increased use of satellite communication systems in internet streaming services, radio, and TV transmission. The market's expansion could be hampered by interference with satellite data transmission. Contrarily, it is predicted that the market would expand rapidly over the forecast period as a result of technological developments in satellite missions in developing economies.

The global satellite communication system market is segmented on the basis of satellite orbit, component, end user and region. On the basis of satellite orbit, the market is divided into Low Earth Orbit (LEO), Medium Earth Orbit (MEO), and Geostationary Orbit (GEO). Based on component, the market is segregated into equipment and service. On the basis of end user, the market is divided into industrial, transportation and logistics, aerospace and defense, maritime, government, media, and others.

The key players that operate in the market include Advantech Wireless Technologies Inc. (Baylin Technologies), Al Yah Satellite Communications Company PJSC (Yahsat), Gilat Satellite Networks, Inmarsat Communications, Iridium Communications Inc., KVVH Industries, Inc., L3Harris Technologies Inc., Orbcomm Inc., Thales Group, and ViaSat Inc.

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the satellite communication system market analysis from 2021 to 2031 to identify the prevailing satellite communication system market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the satellite communication system market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global satellite communication system market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Component

- Equipment
- Services

By Satellite Orbit

- Low Earth Orbit (LEO)
- Medium Earth Orbit (MEO)
- Geostationary Orbit (GEO)

By End User

- Maritime
- Aerospace and Defense
- Industrial
- Government
- Transportation and Logistics
- Media
- Others

By Region

- North America
- U.S.
- Canada
- Mexico

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- Europe
- UK
- Germany
- France
- Spain
- Rest of Europe
- Asia-Pacific
- China
- Japan
- India
- South Korea
- Rest of Asia-Pacific
- LAMEA
- Latin America
- Middle East
- Africa
- Key Market Players
- Al Yah Satellite Communications Company PJSC (Yahsat)
- gilat satellite networks
- Inmarsat Communications
- KVH Industries, Inc.
- L3Harris Technologies Inc.
- Thales Group
- Viasat Inc.
- Iridium Communications Inc.
- ORBCOMM Inc.
- Advantech Wireless Technologies Inc. (Baylin Technologies)

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