

Global Micro VSAT Market Size study, by Sourcing Frequency (Ku-Band, Ka-Band, X-Band, Others), by Application (Airborne, Maritime, Land), by Antenna Technology (Parabolic, Flat Panel), by Industry Vertical (Aviation, Energy & Power, Government, Military & Defense, Maritime, Oil & Gas, Construction & Infrastructure, Media & Entertainment, Mining, Others) and Regional Forecasts 2024-2032

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Abstracts

Global Micro VSAT Market is valued at approximately USD 29.26 Million in 2023 and is anticipated to grow with a healthy growth rate of more than 14.4% over the forecast period 2024-2032. A Micro VSAT is a Very Small Aperture Terminal with an antenna size of less than 60 cm. The sector involves deploying and using compact, high-performance satellite communication systems with small dish antennas, typically ranging from 0.75 to 2.4 meters in diameter. These systems enable two-way satellite communication for a wide range of applications, including data transmission, internet access, and voice communication, particularly in remote, rural, or mobile environments where traditional communication infrastructure is limited or unavailable.

The rising need for VSAT systems to enable telemedicine in remote locations is a significant factor driving market growth. Telemedicine systems, comprising an interface between hardware, software, and communication channels, are essential for connecting remote geographical locations for information exchange and teleconsultancy. These systems are particularly beneficial in rural areas, providing better healthcare by linking rural providers and their patients to services in remote locations, thus promoting patient-centred healthcare. The quality of telemedicine, especially video conferencing, heavily

relies on connectivity and bandwidth, where VSAT plays a crucial role. VSAT systems are small, software-driven stations with antennas typically ranging from 0.9 to 1.8 meters in length, used for data, video, or voice transmission via communication satellites. Moreover, the technological advancements in VSAT systems, as well as the expansion of 5G networks and IoT applications present various lucrative opportunities over the forecast years. However, the high initial costs and complexity of installations, as well as regulatory and licensing issues are challenging the market growth throughout the forecast period of 2024-2032.

The key regions considered for the Global Micro VSAT Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is a dominating region in the Global Micro VSAT Market in terms of revenue. The market growth in the region is being attributed to factors including its advanced telecommunications infrastructure, significant investments in satellite technology, and the presence of major industry players. The region's strong demand for reliable and high-speed satellite communication, particularly in remote and mobile applications, supports its leading position in the market. Whereas, the market in Asia Pacific is anticipated to grow at the fastest rate over the forecast period fueled by the rapid expansion of telecommunications networks, increasing demand for connectivity in remote and underserved areas, and the rising adoption of satellite communication technologies across countries such as India, China, and Australia.

Major market players included in this report are:

ViaSat, Inc

THALES GROUP

ThinKom Solutions, Inc.

Ovzon AB

L3Harris Technologies, Inc.

Paradigm

Intellian Technologies, Inc.

China Starwin Science & Technology Co. Ltd (China Starwin)

Jonsa Technologies Co. Ltd.

Cobham Satcom

General Dynamics Corporation

KVH Industries, Inc.

Hughes Network Systems, LLC

Iridium Communications Inc.

Thaicom Public Company Limited

The detailed segments and sub-segment of the market are explained below:

By Sourcing Frequency:

Ku-Band

Ka-Band

X-Band

Others

By Application:

Airborne

Maritime

Land

By Antenna Technology:

Parabolic

Flat Panel

By Industry Vertical:

Aviation

Energy & Power

Government

Military & Defense

Maritime

Oil & Gas

Construction & Infrastructure

Media & Entertainment

Mining

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC

Latin America
Brazil
Mexico

Middle East & Africa
Saudi Arabia
South Africa
RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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