

# **Global Very Small Aperture Terminal (VSAT) Market Size Study, by Solution, Platform, Frequency, Network Architecture, Design, Application, Vertical, and Regional Forecasts 2022-2032**

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## **Abstracts**

The Global Very Small Aperture Terminal (VSAT) Market was valued at approximately USD 2.88 billion in 2023 and is projected to grow at an impressive compound annual growth rate (CAGR) of 10.1% over the forecast period from 2024 to 2032. The VSAT industry plays a pivotal role in satellite-based communication, offering reliable and secure connectivity solutions across various industries, including telecommunications, defense, maritime, and energy sectors. VSAT networks facilitate broadband connectivity in remote locations, empowering businesses, governments, and humanitarian organizations to operate seamlessly in areas where terrestrial infrastructure is either limited or entirely absent.

With the rising demand for seamless connectivity, especially in regions with insufficient terrestrial infrastructure, VSAT technology has emerged as an indispensable solution for enterprises and government entities. The market is being driven by the growing adoption of satellite-based broadband services, increasing reliance on remote monitoring and surveillance, and expanding applications in defense communication. The integration of VSAT networks with advanced technologies such as software-defined networking (SDN) and high-throughput satellites (HTS) has further enhanced the efficiency and scalability of these systems. Furthermore, the development of low-Earth orbit (LEO) satellite constellations is poised to revolutionize the market by enabling high-speed, low-latency connectivity across diverse geographical terrains.

North America dominates the VSAT market, driven by robust technological advancements, heavy investments in satellite communication infrastructure, and the

presence of key market players. The United States, in particular, has been at the forefront of adopting VSAT solutions for military applications, enterprise networking, and rural broadband expansion. Meanwhile, the Asia-Pacific region is anticipated to witness the fastest growth over the forecast period, fueled by rising digitalization initiatives, government-led connectivity programs, and the expansion of maritime and aviation communication networks. Countries such as China, India, and Japan are making significant strides in satellite-based communications, further boosting market expansion in the region.

Europe remains a significant player in the VSAT market, with growing investments in satellite broadband, aerospace applications, and smart transportation networks. The European Space Agency (ESA) and private satellite operators are investing heavily in next-generation satellite constellations to enhance communication capabilities. Latin America and the Middle East & Africa are also experiencing increasing adoption of VSAT technology, particularly for oil & gas exploration, military applications, and disaster management operations. The need for reliable and secure connectivity in remote and underserved regions is propelling demand for VSAT networks across these markets.

#### Major Market Players Included in This Report Are:

Hughes Network Systems, LLC

Viasat, Inc.

Gilat Satellite Networks

Inmarsat Global Limited

ST Engineering iDirect

Comtech Telecommunications Corp.

SES S.A.

Intelsat S.A.

Singtel

Telesat Canada

Eutelsat Communications

China Satellite Communications Co., Ltd.

Cobham Limited

Thaicom Public Company Limited

ND SatCom GmbH

The Detailed Segments and Sub-segments of the Market Are Explained Below:

By Solution:

Hardware

Services

By Platform:

Land VSAT

Maritime VSAT

Airborne VSAT

By Frequency:

C-Band

Ku-Band

Ka-Band

X-Band

L-Band

S-Band

#### By Network Architecture:

Star Topology

Mesh Topology

Hybrid Topology

#### By Design:

Fixed VSAT

Portable VSAT

Mobile VSAT

#### By Application:

Broadband & Enterprise Services

Government & Military Operations

Energy & Utility

Disaster Recovery

Mining & Exploration

Maritime & Aviation Connectivity

Telemedicine & e-Education

Others

#### By Vertical:

Telecommunications

Aerospace & Defense

Government

Maritime

Oil & Gas

Energy & Utilities

Mining

Banking, Financial Services, and Insurance (BFSI)

Healthcare

Others

#### By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

Rest of the Middle East & Africa

#### Years Considered for the Study:

Historical Year – 2022

Base Year – 2023

Forecast Period – 2024 to 2032

#### Key Takeaways:

Market estimates & forecasts spanning 2022-2032.

Annualized revenue breakdown at global and regional levels.

In-depth geographical analysis including country-specific insights.

Competitive landscape assessment featuring key players and their market positioning.

Evaluation of business strategies and investment trends driving the industry forward.

Analysis of demand and supply factors shaping market dynamics.

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