

Small Satellites - Market and Technology Forecast to 2029

<https://marketpublishers.com/r/SD3D921E628EN.html>

Date: December 2021

Pages: 228

Price: US\$ 4,355.00 (Single User License)

ID: SD3D921E628EN

Abstracts

A small satellite, miniaturized satellite, or smallsat is a satellite of low mass and size, usually under 500 kg (1,100 lb). While all such satellites can be referred to as 'small', different classifications are used to categorize them based on mass. Motivated by visions of hundreds, if not thousands, of small satellites launching yearly; buoyed by venture capitals markets that become responsive to space endeavors; and encouraged by the highly visible success of SpaceX, entrepreneurs across the globe have embarked on what was once considered the incredibly risky and financially non-rewarding venture of designing and fielding a new rocket. The global small sat market is dominated by companies based in the United States, China and European Union.

Market Forecast's latest report "Small Satellites - Market and Technology Forecast to 2029" examines, analyzes, and predicts the evolution of small sat technologies, markets, and outlays (expenditures) over the next 8 years – 2021 -2029 in the space industry. It also examines small sat markets geographically, focusing on the top 95% of global markets, in the United States, Europe, and Asia.

Throughout the report we show how smallsats is used today to add real value. To provide the most thorough and realistic forecast, this report provides a twin-scenario analysis, including "steady state", emergence of new small sat technology.

In this report we have classified small satellite industry under 5 major groups. We will research these six major groups and also provide forecast figures from 2021 - 2029. These are:

Region

Technology

Application

Platform

Launch Type

End User

In particular, it provides an in-depth analysis of the following:

Overview: Snapshot of the various small sat tech in the space market during 2021-2029, including highlights of the demand drivers, trends and challenges. It also provides a snapshot of the spending with respect to regions as well as segments. It also sheds light on the emergence on new technologies

Market Dynamics: Insights into the technological developments in this market and a detailed analysis of the changing preferences of governments around the world. It also analyzes changing industry structure trends and the challenges faced by the industry participants.

Segment Analysis: Insights into the various Systems market from a segmental perspective and a detailed analysis of factors influencing the market for each segment.

Regional Review: Insights into modernization patterns and budgetary allocation for top countries within a region.

Regional Analysis: Insights into the Systems market from a regional perspective and a detailed analysis of factors influencing the market for each region.

Trend Analysis: Key Small Sat Markets: Analysis of the key markets in each region, providing an analysis of the various Systems segments expected to be in demand in each region.

Key Program Analysis: Details of the top programs in each segment expected to be executed during the forecast period.

Competitive landscape Analysis: Analysis of competitive landscape of this industry. It provides an overview of key companies, together with insights such as key alliances, strategic initiatives and a brief financial analysis.

Scope

Define and measure the Global Small Sat market

Financial forecast of the Global Small Sat market and its various sub-segments with respect to main geographies

Analyze and identify major market trends along with the factors driving or inhibiting the market growth

Analyze the effect of unpredictable, but realistic factors on the market

Study the company profiles of the major market players with their market share

Analyze competitive developments

Reasons to buy

Determine prospective investment areas based on a detailed trend analysis of the global small sat industry over the next eight years

Gain in-depth understanding about the underlying factors driving demand for different systems segments in the top spending countries across the world and identify the opportunities offered by each of them

Strengthen your understanding of the market in terms of demand drivers, industry trends, and the latest technological developments, among others

Identify the major channels that are driving the global small sat business, providing a clear picture about future opportunities that can be tapped, resulting in revenue expansion

Channelize resources by focusing on the ongoing programs that are being undertaken by the ministries of different countries within the small sat market

Make correct business decisions based on thorough analysis of the total competitive landscape of the sector with detailed profiles of the top systems providers around the world which include information about their products, alliances, recent contract wins and financial analysis wherever available

Related studies:

Global Commercial and Military Satellite Communications (SatCom) - Market and Technology Forecast to 2028

Global Space Launch Systems - Market and Technology Forecast to 2027

Global Space Industry Market and Technology Forecast to 2026

Global Supersonic and Hypersonic Weapons - Market and Technology Forecast to 2027

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