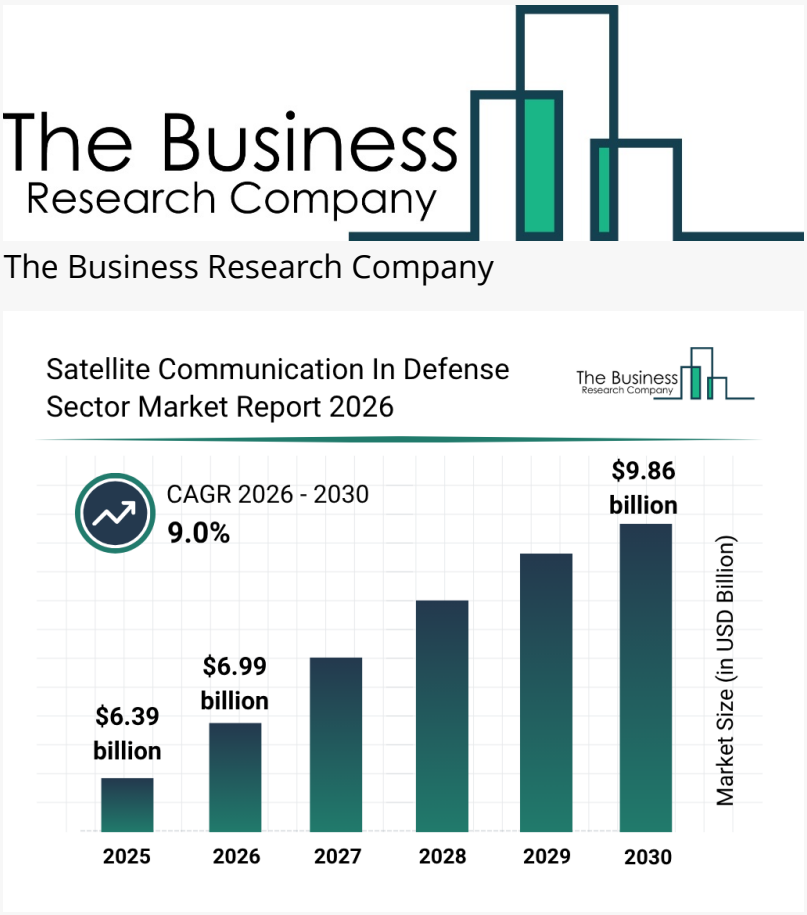
Market Research Report on Satellite Communication in the Defense Sector Providing Insights into Growth, Segments

The Business Research Company's Satellite Communication in the Defense Sector Global Market Report 2026 – Market Size, Trends, And Forecast 2026-2035

The Business Research Company



Satellite Communication in the Defense market

LONDON, GREATER LONDON, UNITED KINGDOM, October 22, 2026 /EINPresswire.com/ -- The satellite communication sector within defense is rapidly evolving, driven by increasing demands for secure and reliable connectivity in military operations. This market plays a vital role in ensuring effective communication across vast, often remote areas, supporting defense forces worldwide. Let's explore the current market size, key growth factors, leading regions, and emerging trends shaping this important industry.

Satellite Communication in Defense Market Size and Growth Outlook

The satellite communication in defense sector has witnessed substantial growth in recent years. The market is projected to rise from $6.39 billion in 2025 to $6.99 billion in 2026, achieving a compound annual growth rate (CAGR) of 9.4%. This upward trend during the historical period is largely due to the increasing need for defense communications in remote locations, heightened demand for secure long-distance connectivity, greater reliance on satellite-based communication systems by military forces, and a growing requirement for robust communication during operations. Additionally, the expanded use of satellite terminals among defense personnel has contributed significantly to market growth.

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Looking ahead, this market is expected to maintain strong momentum, reaching $9.86 billion by 2030 with a CAGR of 9.0% during the forecast period. The anticipated growth is driven by the rising demand for resilient military communication networks, increased government spending on satellite communication infrastructure, and the necessity for high-capacity data transfer. Moreover, the deployment of multi-orbit communication systems, continuous connectivity during contested operations, and the integration of interoperable satellite networks are key trends fueling market expansion. The growing adoption of high-throughput satellite communication and the use of protected, anti-jamming links further highlight the evolving technological landscape.

Understanding Satellite Communication in Defense
Satellite communication in defense involves the use of satellite systems and associated infrastructure to provide secure, dependable, and long-range communication for military operations. These technologies include satellites, ground stations, and networking equipment that facilitate the exchange of information and coordination of activities across geographically dispersed areas. By ensuring reliable connectivity even in challenging or remote environments, satellite communication enhances mission effectiveness, operational resilience, and overall defense capabilities.

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Key Factors Propelling Growth in the Satellite Communication Defense Market
One of the primary drivers propelling the satellite communication in defense market is the global rise in defense spending. Governments worldwide are dedicating more resources to military forces, infrastructure, procurement, research, and national security efforts. This increase is largely a response to escalating geopolitical tensions and regional security threats, motivating countries to enhance their defense posture and capabilities.

Higher defense expenditure supports the development, deployment, and modernization of secure satellite communication networks. These investments improve military communication systems, surveillance, intelligence gathering, and operational coordination, which are essential for addressing emerging security challenges. For example, the International Institute for Strategic Studies reported that global defense spending reached $2.63 trillion in 2025, up from $2.48 trillion in 2024, marking a 2.5% real-term increase year over year. This continued funding boost is a significant factor driving the expansion of satellite communication within the defense sector.

Leading Regions in the Satellite Communication Defense Market
In 2025, North America held the largest share of the satellite communication in defense sector market. However, the Asia-Pacific region is forecasted to experience the fastest growth during the coming years. The comprehensive market analysis covers various regions, including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a global perspective on market developments.

New strategic additions in our 2026 market reports include market attractiveness scoring and analysis, total addressable market (TAM) analysis, company scoring matrix graphics and tables, Excel-based forecasting dashboards, market hotspots infographics, key technologies and future trend analysis, along with updated graphics and tables.

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