

# Satellite Broadband Communication in Public Safety Market to Reach \$10.76B by 2030 | CAGR 23.1%

WILMINGTON, NEW CASTLE, DE, UNITED STATES, September 8, 2025 /EINPresswire.com/ -- According to the report published by Allied Market Research, the global [satellite broadband communication in public safety market](#) generated \$1.36 billion in 2020, and is estimated to reach \$10.76 billion by 2030, witnessing a CAGR of 23.1% from 2021 to 2030. The report provides a comprehensive analysis of changing market dynamics, top segments, value chain, key investment pockets, regional scenario, and competitive landscape.



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Increase in adoption of satellite services in police, fire, and other departments in various developing nations, supportive government initiatives, and surge in advancements in communication technology drive the growth of the global satellite broadband communication in public safety market. However, high costs of implementation and maintenance hinder the market growth. On the other hand, rise in adoption of artificial intelligence (AI), machine learning (ML), and cloud computing in the space sector and implementation of satellite broadband in smart cities and connected cars for improving public safety present new opportunities in the coming years.

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Covid-19 Scenario:

There has been an increase in adoption of satellite internet services among governments and emergency relief centers in developing countries to improve public safety.

Governments across the world have been investing in satellite broadband technology to offer broadband services to all corners of the countries and become self-dependent on cutting-edge technology during the pandemic. This helps in tracking the spread of virus and spreading awareness.

The report offers detailed segmentation of the global satellite broadband communication in public safety market based on frequency band, end user, application, and region.

Based on frequency band, the C band segment accounted for the highest share in 2020, contributing to nearly two-fifths of the total share, and is estimated to maintain its lead position during the forecast period. Moreover, this segment is projected to manifest the highest CAGR of 24.2% from 2021 to 2030. The report also analyzes the segments including X-band, L-band, S-band, and others.

Based on end user, the law enforcement agencies & first responder segment contributed to the highest share in 2020, accounting for nearly three-fifths of the global satellite broadband communication in public safety market, and is projected to maintain its leadership status during the forecast period. However, the public health organizations segment is expected to witness the largest CAGR of 26.0% from 2021 to 2030.

Based on region, North America held the highest share in 2020, contributing to around two-fifths of the total share, and is estimated to continue its dominant share by 2030. However, Asia-Pacific is expected to register the fastest CAGR of 25.1% during the forecast period.

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Leading players of the global satellite broadband communication in public safety market analyzed in the research include Gilat Satellite Network, Inmarsat Global Limited, Hughes Network Systems, LLC, Ligado Networks, Iridium Communications, Inc., Skycasters, Singtel, ST Engineering Idirect, Inc., Speedcast, and Viasat, Inc.

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We are in professional corporate relations with various companies, and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

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