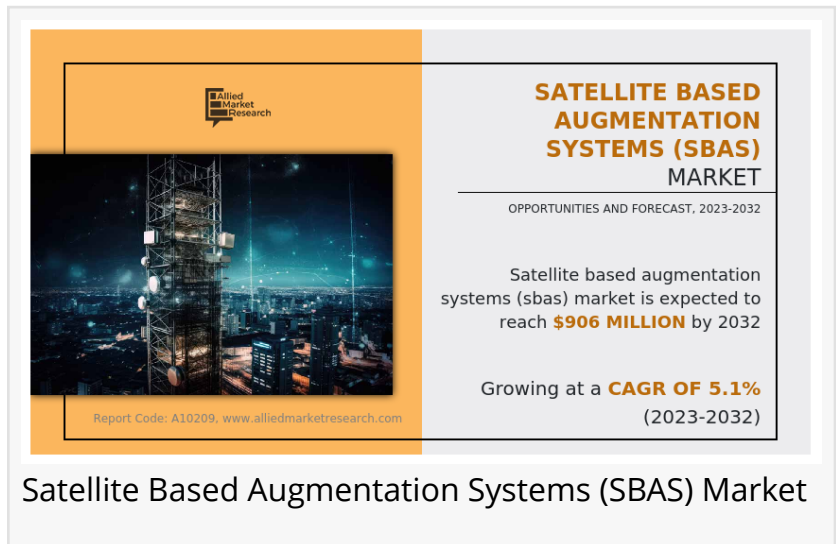


Satellite Based Augmentation Systems (SBAS) Market to Reach US\$ 906 Mn by 2033 at 5.1% CAGR

Satellite Based Augmentation Systems (SBAS) Market (2022 - 2032) Size, Share, Competitive Landscape and Trend Analysis Report, by Type, by Application & Region.

WILMINGTON, DE, UNITED STATES, June 15, 2026 /EINPresswire.com/ -- The global [Satellite Based Augmentation Systems \(SBAS\) Market](#) generated \$559.1 million in 2022, and is estimated to reach \$906 million by 2032, witnessing a CAGR of 5.1% from 2023 to 2032.



The report offers a detailed analysis of changing market trends, top segments, key investment pockets, value chains, regional landscapes, and competitive scenarios. The report is a helpful source of information for leading market players, new entrants, investors, and stakeholders in devising strategies for the future and taking steps to strengthen their position in the market.

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Surge in demand for higher level of accuracy and reliability, particularly in safety-critical applications such as aviation has led to the development of advanced SBAS that offers centimeter-level accuracy and real-time integrity monitoring. Another trend is the increasing use of SBAS in emerging markets such as Asia-Pacific, Latin America, and the Middle East, where there is a growing need for precise navigation and positioning solutions. Factors driving the growth of the satellite based augmentation systems market include increase in adoption of GNSS technology across various industries, surge in demand for unmanned aerial vehicles (UAVs) and autonomous vehicles, and rise in need for efficient and reliable transportation and logistics systems. Furthermore, the development of advanced technologies such as cloud-based SBAS and increase in use of SBAS in precision farming and other agricultural applications notably

contribute toward the market growth. Moreover, the satellite based augmentation systems market is expected to continue to grow in the coming years driven by increase in demand for higher levels of accuracy and reliability in a wide range of applications, development of advanced technologies, and rise in adoption of GNSS technology. Thus, such factors are anticipated to drive the demand for satellite based augmentation systems during the forecast period.

In many countries, regulatory bodies such as the Federal Aviation Administration (FAA) in the U.S. or the European Aviation Safety Agency (EASA) in Europe require the use of SBAS for certain aviation applications, such as precision approaches and landings. For example, in the U.S., the FAA has mandated the use of SBAS for certain types of Required Navigation Performance (RNP) procedures, which require aircraft to navigate along specific paths with a high degree of accuracy. The FAA's WAAS system provides the necessary corrections to GPS signals to enable these procedures. Similarly, in Europe, EGNOS has been mandated for use in aviation since 2011. EGNOS provides corrections to both GPS and GLONASS signals and is used for various aviation applications such as precision approaches and landings as well as the monitoring of aircraft movements on the ground.

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North America has been one of the major markets for SBAS due to high demand for precise and reliable positioning and navigation solutions in various industries, particularly aviation and maritime. For instance, the Federal Aviation Administration (FAA) committed to upgrade WAAS to support future aviation needs, and the Canadian Government is investing in the development of CGAS. In February 2021, NASA's Mars Perseverance rover successfully landed on the surface of Mars, wherein SBAS technology played a vital role. The rover used the Mars Reconnaissance Orbiter (MRO) as a relay to transmit signals to earth, and MRO used SBAS technology to ensure accurate positioning and navigation.

In the aviation sector, the Federal Aviation Administration (FAA) has implemented the wide area augmentation system (WAAS) across the US National Airspace System (NAS), providing vertical guidance for precision approaches and improving safety and efficiency. The demand for WAAS-enabled GPS receivers has been increasing in the region, with around 130,000 units sold in North America in 2020 alone. In the maritime sector, the US Coast Guard has implemented the Differential GPS (DGPS) system, which is a type of SBAS, to improve vessel positioning and safety in coastal areas. The demand for DGPS services has been increasing in the region, with around 2,300 DGPS beacons installed along the US coast as of 2020. Moreover, surge in adoption of UAVs and autonomous vehicles in various industries is expected to drive the demand for SBAS solutions in North America in the coming years. Furthermore, the development of advanced SBAS technologies is expected to fuel the growth of the North America satellite based augmentation systems market during the forecast period.

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By region, North America held the major share in 2022, accounting for around two-fifths of the global satellite-based augmentation systems market revenue, and is expected to continue its leadership status throughout the forecast period. However, the Asia-Pacific region would portray the fastest CAGR of 7.34% from 2023 to 2032. The other provinces studied in the report include Europe and LAMEA.

The prominent players analyzed in the global [Satellite Based Augmentation Systems \(SBAS\)](#) [Industry](#) report include SkyTraq Technology, Inc., Raytheon Technologies Corporation, Thales Group, Garmin Ltd., Broadcom, Federal Aviation Administration, GMV Innovating Solutions S.L., Honeywell International Inc., Airbus, and Hexagon AB. These market players have adopted various strategies such as expansion, new product launches, partnerships, and others to increase their market penetration and strengthen their position in the industry.

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