GNSS Market Size to Worth USD 617.27 Billion by 2032, Driven by Growing Demand for Location-Based Services | SNS Insider

Rising applications across automotive, aviation, and consumer electronics, which increasingly depend on GNSS for precise positioning and navigation solutions.

AUSTIN, TX, UNITED STATES, November 20, 2024 /EINPresswire.com/ -- Market Size & Industry Insights

As Per the SNS Insider,"The global [Global Navigation Satellite System (GNSS) Market Size](#) was valued at USD

GNSS MARKET
- **2032** USD 617.27 BILLION
- CAGR OF 9.6%
- **2023** USD 270.51 BILLION
- **KEY DRIVERS:**
  - Navigation satellite system
  - Aircraft industry
- **KEY PLAYERS STATISTICS**
  - Qualcomm
  - TEXAS INSTRUMENTS
  - Trimble

GNSS Market Size & Share Report

270.51 billion in 2023 and is expected to reach USD 617.27 billion by 2032, and grow at a CAGR of 9.6% over the forecast period 2024-2032."

Increased Demand for Location-Based Services

As consumers and businesses continue to rely on real-time data for navigation, asset tracking, and remote monitoring, GNSS technology has become indispensable. The integration of GNSS with advanced technologies like IoT and AI has enhanced its functionality in critical applications such as fleet management, smart city planning, and agriculture. Moreover, innovations in satellite technology and government-backed initiatives to enhance regional navigation systems are further boosting the adoption of GNSS solutions worldwide, paving the way for unprecedented market growth.

Global Navigation Satellite Systems (GNSS): Ensuring Reliable Position, Navigation, and Timing across the Globe

GNSS converts satellite positioning data into digital signals, enabling systems like the European Galileo, the US NAVSTAR GPS, Russia's GLONASS, and China's BeiDou to offer precise location-based information. To ensure reliability, companies must have disaster recovery plans addressing signal transmission and reception accuracy. System integrity provides warnings

about potential failures, helping to prevent service disruptions. GNSS ensures continuous access to essential location-based services, supporting uninterrupted operations across various sectors globally.

Get a Sample Report with Full TOC & Graphs @ https://www.snsinsider.com/sample-request/1363

SWOT Analysis of Key Players as follows:

- Qualcomm Inc
- Texas Instrument
- Trimble Inc.
- Rockwell Collins
- Broadcom Inc.
- Hexagon
- Furuno Electric
- Laird Plc
- Cobham Pl
- Harris Corporation
- Topcon Corporation
- Aglunction
- Topcon Corporation
- TomTom NV
- Rockwell Collins

Global Navigation Satellite System (GNSS) Market Soars: Global Constellations Lead, While SBAS and LBS Drive Rapid Growth Across Industries

By Type

Global Constellations, currently dominate the GNSS market with their global coverage, extensive industry adoption, and high reliability across sectors like aviation, transportation, and defense. These systems meet the high demand for accurate, universal location-based services. Meanwhile, Satellite-Based Augmentation Systems (SBAS) are emerging as the fastest-growing segment due to their ability to enhance GNSS signal accuracy, reliability, and integrity. This capability is especially critical in high-precision applications, such as aviation and autonomous navigation, and the demand for advanced safety and positioning features across various sectors is fueling rapid SBAS adoption.

By Application

The Navigation segment currently dominates the GNSS market, driven by extensive adoption in consumer, automotive, and maritime industries. With millions of vehicles, smartphones, and

wearable devices equipped with navigation systems, it holds the largest share among GNSS applications, fueled by the high demand for precise, real-time navigation data. Meanwhile, Location-Based Services (LBS) are the fastest-growing segment, propelled by rising demand for real-time location data in e-commerce, advertising, and emergency response. As LBS becomes essential in smart cities, mobile marketing, and IoT applications, its adoption is rapidly accelerating, positioning it as a key growth area in the GNSS market.

Connect with Our Expert for any Queries @ https://www.snsinsider.com/request-analyst/1363

KEY MARKET SEGMENTS:

BY TYPE
Global Constellations
Regional Constellations
Satellite based Augmentation

BY APPLICATION
Navigation
Mapping
Surveying
Telematics
Location based services (lBS)
Other

BY END-USER
Rail
Agriculture
Aviation
Others

"North America Leads the Navigation Satellite System Market Amid Global Expansion"

North America stands at the forefront of the Navigation Satellite System Market, boasting the world's most advanced tracking technology and extensive adoption of high-tech solutions, with Europe and Asia-Pacific following closely. As global demand surges, many countries are actively developing enhanced systems to meet market needs. North America, Europe, and Asia-Pacific are forecasted to experience substantial market growth, with North America—comprising the United States, Mexico, and Canada—emerging as a key driver through 2031. With growing investments and increasing demand, the navigation satellite market is positioned for accelerated expansion globally.

Recent Development

-In July 2021, Thales Alenia Space, ASECNA, Geoflex, and NigComSat advanced the development of A-SBAS (Satellite-Based Augmentation System) to provide precise point positioning and risk warnings across Africa and the Indian Ocean.
-In May 2020, Trimble expanded its CenterPoint® RTX Fast correction service to cover much of North America, enhancing autonomous applications and positioning accuracy for both on- and off-road markets, improving safety, efficiency, and productivity.

Make an Inquiry Before Buying @ https://www.snsinsider.com/enquiry/1363

Key Takeaways

-The GNSS market is witnessing significant growth due to rising demand across consumer, automotive, and industrial sectors.
-North America dominates the market with robust technology infrastructure, while Asia-Pacific emerges as the fastest-growing region, driven by strong government initiatives and rising industrial applications.
-Recent advancements and partnerships are enhancing GNSS accuracy and efficiency, paving the way for new applications across multiple sectors.

Table of Content - Major Points Analysis

Chapter 1. Introduction

Chapter 2. Executive Summary

Chapter 3. Research Methodology

Chapter 4. Market Dynamics Impact Analysis

Chapter 5. Statistical Insights and Trends Reporting

Chapter 6. Competitive Landscape

Chapter 7. GNSS (Global Navigation Satellite System) Market Segmentation, by Type

Chapter 8. GNSS (Global Navigation Satellite System) Market Segmentation, by Application

Chapter 9. GNSS (Global Navigation Satellite System) Market Segmentation, by End-User

Chapter 10. Regional Analysis

Chapter 11. Company Profiles

Chapter 12. Use Cases and Best Practices

Chapter 13. Conclusion

Continued...

Purchase Single User PDF of GNSS (Global Navigation Satellite System) Market Forecast Report @ https://www.snsinsider.com/checkout/1363

Akash Anand
SNS Insider Pvt. Ltd
415-230-0044
info@snsinsider.com
Visit us on social media:
Facebook
X
LinkedIn
Instagram

This press release can be viewed online at: https://www.einpresswire.com/article/762270973