Registering at 40.6% CAGR | 5G NTN Market Reach USD 93.6 Billion by 2032 Globally

WILMINGTON, DE, UNITED STATES, October 9, 2025 /EINPresswire.com/ -- According to a new report published by Allied Market Research, titled, “Registering at 40.6% CAGR | 5G NTN Market Reach USD 93.6 Billion by 2032 Globally". The report provides a detailed analysis of these key players in the global 5G NTN market. These players have adopted different strategies, such as partnerships, product launches, and expansion, to increase their market share and maintain dominant positions in different regions. The report is valuable in highlighting business performance, operating segments, product portfolios, and strategic moves of market players to showcase the competitive scenario.

5G NTN MarketThe 5G NTN market was valued at $3.2 billion in 2022, and is estimated to reach $93.6 billion by 2032, growing at a CAGR of 40.6% from 2023 to 2032.

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Driving Factors 5G NTN Market

Increasing demand for high-speed, reliable and ubiquitous connectivity is a key driver for growth in the 5G NTN market. Networks that can handle increasing amounts of data and provide seamless connectivity are needed as smartphones, IoT devices and data-heavy applications become commonplace. Moreover, the growth of the 5G NTN market is being propelled by advancements in technology in areas such as network virtualization, software-defined networking (SDN), edge computing, and network slicing. These enhancements allow for more efficient and scalable network architecture, improved network management, reduced latency, and the capability to provide tailored services for various use cases and industries.

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Market Segmentation 5G NTN Market

The 5G NTN market is segmented on the basis of component, application, end user, location and region. On the basis of component, it is categorized into hardware, solution, and service. By application, it is divided into near enhanced mobile broadband (EMBB), ultra reliable and low latency communications (URLCC), and massive machine-type communications (MMTC). On the basis of end user, it is classified into maritime, aerospace and defense, government, mining, and others. On the basis of location, it is categorized into urban, rural, remote, and isolated. On the basis of region, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

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Based on region, North America held the highest market share in terms of revenue in 2022, contributing to around two-fifths of the global 5G NTN market revenue, and is expected to maintain its dominance during the forecast period. This is because the expansion of the 5G NTN market in North America is anticipated to be fueled by the high investment being implemented by industry players in research and development to deliver cost-effective high-speed communication solutions and extensive adoption of 5G technology in the U.S. Moreover, government bodies are spending a fair amount of money on this technology.

However, the Asia-Pacific region is expected to witness the fastest CAGR of 45.1% from 2023 to 2032. As governments are supporting the technology, many countries have launched initiatives, regulatory frameworks, and funding programs to accelerate the adoption of 5G and promote technological advancements. Furthermore, key players in this region have adopted various initiatives to increase the growth of this technology in the 5G NTN market.

 Leading Market Players in 5G NTN Market-
Qualcomm Technologies, Inc.
Thales
ZTE Corporation
Rohde & Schwarz
MediaTek Inc.
Nokia
Telefonaktiebolaget LM Ericsson
Intelsat
Spirent Communications
Keysight Technologies

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Lastly this report provides market intelligence most comprehensively. The report structure has been kept such that it offers maximum business value. It provides critical insights into the market dynamics and will enable strategic decision-making for the existing market players as well as those willing to enter the market.

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Allied Market Research (AMR) is a market research and business-consulting firm of Allied Analytics LLP, based in Portland, Oregon. AMR offers market research reports, business solutions, consulting services, and insights on markets across 11 industry verticals. Adopting extensive research methodologies, AMR is instrumental in helping its clients to make strategic business decisions and achieve sustainable growth in their market domains. We are equipped with skilled analysts and experts and have a wide experience of working with many Fortune 500 companies and small & medium enterprises.

Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies. This helps us dig out market data that helps us generate accurate research data tables and confirm utmost accuracy in our market forecasting. Every data company in the domain is concerned. Our secondary data procurement methodology includes deep presented in the reports published by us is extracted through primary interviews with top officials from leading online and offline research and discussion with knowledgeable professionals and analysts in the industry.

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