

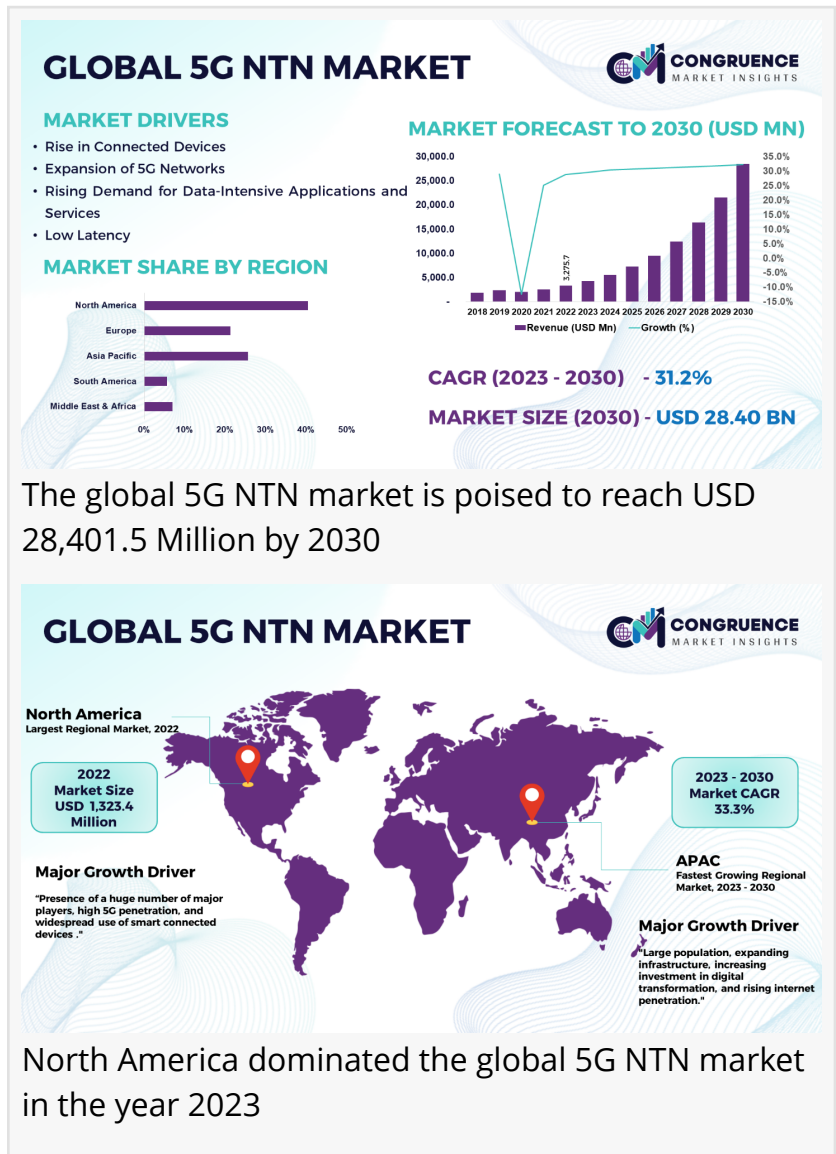
# Global 5G NTN Market: Qualcomm, Thales and SpaceX Spearheading Next-Generation Connectivity

*The global 5G NTN market is poised to reach USD 28,401.5 Million by 2030, with a remarkable CAGR of 31.2% during 2023-2030*

PALO ALTO, CA, UNITED STATES, February 8, 2024 /EINPresswire.com/ -- The latest report by [Congruence Market Insights](https://www.congruencemarketinsights.com/report/5g-ntn-market?section=Request), titled '[Global 5G NTN Market](https://www.congruencemarketinsights.com/report/5g-ntn-market?section=Request) – Size, Trends, Share, Growth, Dynamics, Competition, and Opportunity Forecast, 2023 – 2030,' provides a comprehensive analysis of the global 5G NTN market. The report meticulously examines macro and micro trends, offering insights into dynamic factors influencing the market. It explores qualitative and quantitative aspects, depicting market size, growth rates, trends, drivers, opportunities, and challenges. The report highlights the impact of significant events like technological advancements and geopolitical factors on the 5G NTN market landscape, empowering stakeholders with actionable intelligence for strategic decision-making.

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What is the anticipated market size in 2030, along with the major drivers, restraints, and



opportunities?

The global 5G NTN market is poised to reach USD 28,401.5 Million by 2030, with a remarkable CAGR of 31.2% during 2023-2030. Key drivers for market growth include the increasing demand for high-speed internet connectivity, advancements in telecommunications infrastructure, and the rising adoption of IoT and connected devices. Moreover, the deployment of low Earth orbit (LEO) satellite constellations and advancements in satellite communication technologies present significant opportunities. However, challenges such as regulatory constraints and spectrum allocation issues may hinder market growth.

How does AI impact the global 5G NTN market?

AI plays a pivotal role in the global 5G NTN market by optimizing network management, enhancing connectivity, and enabling intelligent data analytics. AI-driven algorithms improve network efficiency, enabling dynamic resource allocation and predictive maintenance, thereby ensuring reliable and seamless communication. Additionally, AI-powered analytics facilitate real-time insights into network performance and user behavior, enabling operators to offer personalized services and enhance customer experience. However, challenges such as data privacy concerns and the need for skilled AI professionals remain prominent. Overall, AI integration revolutionizes the 5G NTN market, driving innovation and efficiency.

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Scope of the Report:

- Executive Summary
- Demand and Supply-side Trends
- Market Drivers, Restraints, Opportunities and Challenges
- Value Chain Analysis
- Porter's Five Forces Analysis
- Industry SWOT Analysis
- COVID-19 Impact Assessment
- PESTLE Analysis
- Global Market Size and Forecast
- Regional Market Size and Forecast (Cross-country Analysis)
- Competition Landscape
- Company Profiles

5G NTN Market Size and Forecast:

The report comprehensively details the 5G NTN market size and forecast (2023-2030), presenting key metrics for strategic insights. Market revenue, total income from 5G NTN sales, and volume insights into product circulation are analyzed. Market share and competitive landscapes are

delineated, with year-on-year growth analysis tracking annual percentage changes and providing trend insights. Additionally, the Compound Annual Growth Rate (CAGR) is presented, offering a smoothed growth rate for a consistent assessment of market expansion over the forecast period.

Which region holds the largest market share, and where does the major opportunity lie in the future?

North America dominates the global 5G NTN market, driven by significant investments in telecommunications infrastructure, technological advancements, and the presence of key market players. The region's strong regulatory framework and initiatives to promote 5G deployment contribute to its market leadership. However, opportunities for market growth are also prominent in regions like Asia-Pacific, fueled by the increasing demand for high-speed internet connectivity and the rapid adoption of IoT applications. Europe and the Middle East also offer substantial growth prospects, driven by initiatives to enhance digital connectivity and support economic development.

### Competition Landscape

The global 5G NTN market features intense competition among key players striving for market dominance through technological innovation and strategic partnerships. Major competitors include Qualcomm Technologies, Inc., SoftBank Group Corporation, Thales Group, Rohde & Schwarz GmbH & Co KG, Keysight Technologies, Inc., MediaTek Inc., SES S.A, EchoStar Corporation, GateHouse SatCom A/S, Gilat Satellite Networks, SpaceX, AST & Science, LLC, OneWeb Ltd., ZTE Corporation, and Omnispace, LLC. These companies focus on developing advanced satellite communication solutions, expanding satellite constellation networks, and enhancing service offerings to cater to diverse end-user needs.

- >> Qualcomm Technologies, Inc.
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- >> AST & Science, LLC
- >> OneWeb Ltd.
- >> ZTE Corporation
- >> Omnispace, LLC

## Comprehensive Market Segmentation:

- Δ By Component (Hardware, Solutions, and Services)
- Δ By Platform (LEO Satellite, GEO Satellite, MEO Satellite, UAS Platform)
- Δ By Location (Urban, Rural, Remote, Isolated)
- Δ By End User (Maritime, Aerospace & Defense, Government, Mining, and Others)
- Δ By Application (Enhanced Mobile Broadband (EMBB), Ultra-Reliable Low-Latency Communication (URLLC), Massive Machine-Type Communication (MMTC))

## Market Segmentation by Geography including:

- Δ North America: U.S., Canada and Mexico
- Δ Europe: Germany, France, U.K., Italy, Spain, and Rest of Europe
- Δ Asia Pacific: China, India, Japan, South Korea, Southeast Asia, and Rest of Asia Pacific
- Δ South America: Brazil, Argentina, and Rest of Latin America
- Δ Middle East & Africa: GCC Countries, South Africa, and Rest of Middle East & Africa

## Frequently Asked Questions (FAQs):

- What is the current market scenario?
- What was the historical demand scenario, and forecast outlook from 2023 to 2030?
- What are the key market dynamics influencing growth in the Global 5G NTN Market?
- Who are the prominent players in the Global 5G NTN Market?
- What is the consumer perspective in the Global 5G NTN Market?
- What are the key demand-side and supply-side trends in the Global 5G NTN Market?
- What are the largest and the fastest growing geographies?
- Which segment dominated and which segment is expected to grow fastest?
- What was the COVID-19 impact on the Global 5G NTN Market?

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