

# Global Network Slicing Market Size Study & Forecast, by Enterprise Type, End-user, and Regional Forecasts 2025-2035

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## Abstracts

The Global Network Slicing Market is valued approximately at USD 1.13 billion in 2024 and is projected to expand at a staggering CAGR of 43.60% over the forecast period from 2025 to 2035. At the heart of this technological evolution lies the concept of network slicing—a transformative paradigm in 5G architecture that empowers telecom providers to create multiple virtual networks atop a shared physical infrastructure. This strategic segmentation enables enterprises to seamlessly align dedicated network slices with specific application requirements—whether for ultra-reliable low-latency communications, enhanced mobile broadband, or massive IoT connectivity. As digitalization becomes a core competency, businesses across sectors are pivoting to network slicing to accelerate performance, ensure service-level guarantees, and optimize bandwidth economics.

In recent years, surging demand for latency-sensitive applications—such as autonomous vehicles, remote surgeries, smart factories, and immersive gaming—has acted as a catalyst for widespread network slicing adoption. Additionally, enterprises are increasingly exploring private 5G deployments to ensure security, scalability, and customized SLAs. Industry stakeholders are actively investing in AI-driven orchestration, zero-touch provisioning, and dynamic resource allocation to bolster slice efficiency and real-time adaptability. Moreover, as 5G rollouts mature globally, telecom operators are leveraging network slicing to unlock new revenue streams and meet diverse sectoral needs—from healthcare diagnostics and financial transactions to media streaming and energy grid monitoring.

Geographically, North America remains at the forefront of network slicing innovation, underpinned by early 5G infrastructure deployment, robust cloud ecosystems, and high

R&D spending by telecom giants. The United States is emerging as a hotspot for enterprise 5G pilots and trials, particularly in logistics, defense, and manufacturing verticals. Meanwhile, Europe is witnessing accelerating momentum due to regulatory support, industrial automation, and increasing collaboration between telcos and verticals in countries like Germany, France, and the UK. The Asia Pacific region is poised to experience exponential growth, fueled by hyperconnectivity initiatives in China, India, South Korea, and Japan—driven by smart city rollouts, IoT proliferation, and a surging digital consumer base.

Major market player included in this report are:

Huawei Technologies Co., Ltd.

Ericsson

Nokia Corporation

Samsung Electronics Co., Ltd.

ZTE Corporation

Cisco Systems, Inc.

Juniper Networks, Inc.

Intel Corporation

Hewlett Packard Enterprise

Telefonaktiebolaget LM Ericsson

AT&T Inc.

Verizon Communications Inc.

NTT Docomo, Inc.

Orange S.A.

Deutsche Telekom AG

Global Network Slicing Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025-2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players.

The detailed segments and sub-segments of the market are explained below:

By Enterprise Type:

Large Enterprises

Small & Medium Enterprises (SMEs)

By End-user:

Healthcare

Government

Transportation & Logistics

Energy & Utilities

Manufacturing

Media & Entertainment

Financial Services

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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