Network Slicing Market by Offering (Solution, Service (Professional Services, Managed Services)), End User (Telecom Operators, Enterprises (Manufacturing, Automotive, Government & Public Sector, Healthcare & Life Sciences)) - Global Forecast to 2030

Market Report | 2025-05-26 | 258 pages | MarketsandMarkets

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Report description:

The network slicing market is estimated to be USD 1.94 billion in 2025 and reach USD 49.82 billion in 2030 at a CAGR of 91.3%, from 2025 to 2030. Current market revenues are greatly influenced by network slicing solutions, which display faster deployment and manage slices efficiently via their cloud-native stacks, providing more value to users than standalone services. As a result, deploying and merging slices is rapidly becoming outsourced, with key participants collaborating with specialist system integrators and telecom firms. The Asia Pacific region is seeing strong 5G standalone adoption and is predicted to grow fast due to support from governments, active 5G rollouts, and effective use of private networks in areas such as manufacturing and smart cities.

The solutions segment contributed to the largest market size of the network slicing market during the forecast period. This area of the market leads because it provides complete, ready-to-use platforms that simplify the deployment of network slices in all main network zones. Features commonly found in these offerings are orchestration software, policy control, network exposure functionality, and tools for the entire management cycle. The leading telecom operators like bundled software solutions since they enable faster time-to-market, lessen integration risks, and allow for reliable performance in line with stringent SLAs. Solutions support instant supervision and distribution of available resources, which are very important for industries like media broadcasting, smart logistics, and defense that depend on fast, reliable connections. As the market for 5G Standalone increases, operators are moving from testing to charging for network slicing, and many service providers are now supplying "network-as-a-service" offerings to businesses. AI-powered orchestration systems and automated slicing tools allow service providers to stay ahead by introducing different services without the need for major hardware changes.?

The deployment & integration services segment is projected to register the largest market share during the forecast period.
As operators and businesses introduce network slicing into their networks, it is more important than ever to have effective deployment and integration support. In contrast to traditional network updates, slicing means all network elements from RAN to the edge must cooperate and adhere to enterprise-specific SLAs. Integration of service providers is essential for personalizing slice templates, making APIs work, and helping existing systems communicate with new 5G features. Managing the progression from trials to actual use and later updates is often handled by accepting help from professional integrators by many telecom operators. These services come with zero-touch provisioning, checking slice isolation, and extra focus on security, all important in the finance, public safety, and autonomous mobility areas. As industry shifts from testing to wide-scale uses, businesses are looking for agile integration services managed by experts, which is helping this segment get a stronger foothold.
Asia Pacific is estimated to have the highest growth rate during the forecast period.
The Asia Pacific region is expected to achieve the most significant growth in network slicing thanks to active 5G SA deployment, effective government efforts, and strong industrial digitalization progress. Countries such as China, Japan, South Korea, and Singapore make it possible for telecom companies to experiment with and offer slices for applications like port automation, smart manufacturing, and remote surgery. Favorable changes in spectrum use and cooperative projects involving both private and public sectors are encouraging the growth of private 5G and enterprise slicing. Organizations in the area were quick to adapt slicing, making it possible to divide major workloads between shared systems in logistics, utilities, and public safety fields. Furthermore, operators are working with cloud and technology companies to provide slicing features using cloud-based solutions for quick resource provisioning and flexible scaling. Because of this balance of policy, need, and technology acceptance, Asia Pacific is leading the growth of slicing globally.
Breakdown of primary interviews
The study contains insights from various industry experts, from solution vendors to Tier 1 companies. The breakdown of the primary interviews is as follows:

-□By Company Type: Tier 1 - 35%, Tier 2 - 40%, and Tier 3 - 25%
-□By Designation: C-level - 20%, Directors - 30%, and Others - 50%
-□By Region: North America - 40%, Europe - 35%, Asia Pacific - 20%, Rest of the World - 5%
The major players in the network slicing market are Ericsson (Sweden), Huawei (China), Nokia (Finland), Cisco (US), ZTE (China), Ciena Corporation (US), Amdocs (US), Turk Telekom (Turkey), Samsung (South Korea), HPE (US), NTT (Japan), BT Group (UK), and Broadcom (US), Juniper Networks (US), T-Mobile (US), and Mavenir (US). These players have adopted various growth strategies, such as partnerships, agreements and collaborations, product launches, product enhancements, and acquisitions to expand their footprint in the network slicing market.

Research Coverage
The market study covers the network slicing market size across different segments. It aims to estimate the market size and the growth potential across different segments, including offering (solutions and services), end user (telecom operators and enterprises), and regions. The study includes an in-depth competitive analysis of the leading market players, their company profiles, key observations related to product and business offerings, recent developments, and market strategies.
Key Benefits of Buying the Report
The report will help market leaders and new entrants with information on the closest approximations of the global network slicing market's revenue numbers and subsegments. It will also help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. Moreover, the report will provide insights for stakeholders to understand the market's pulse and provide them with information on key market drivers, restraints, challenges, and opportunities.
The report provides insights on the following pointers:

-□Analysis of key drivers (Ultra-low latency slicing for real-time use cases, Rising enterprise demand for network customization, and Private 5G adoption fueling slicing deployment), restraints (Lack of unified standards across ecosystems, High cost of network

transformation for smaller players, and Security risks in multi-tenant environments), opportunities (AI-powered orchestration for zero-touch slicing, Edge computing integration with slicing, and Cross-industry co-development of slicing use cases), and challenges (SLA enforcement remains difficult in live deployments, Shortage of slicing-skilled workforce, and Operational complexity in managing multiple slices) influencing the growth of the network slicing market. Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and product & service launches in the network slicing market. Market Development: Comprehensive information about lucrative markets - the report analyzes the network slicing market across various regions. Market Diversification: Exhaustive information about new products & services, untapped geographies, recent developments, and investments in the network slicing market. Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players Ericsson (Sweden), Huawei (China), Nokia (Finland), Cisco (US), ZTE (China), Ciena Corporation (US), Amdocs (US), Turk Telekom (Turkey), Samsung (South Korea), HPE (US), NTT (Japan), BT Group (UK), Broadcom (US), Juniper Networks (US), T-Mobile (US), and Mavenir (US).

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