

Network Slicing - Company Evaluation Report, 2025

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Abstracts

The Network Slicing Companies Quadrant is a comprehensive industry analysis that provides valuable insights into the global market for Network Slicing. This quadrant offers a detailed evaluation of key market players, technological advancements, product innovations, and emerging trends shaping the industry. MarketsandMarkets 360 Quadrants evaluated over 100 companies, of which the Top 16 Network Slicing Companies were categorized and recognized as quadrant leaders.

The network slicing market is shaped by various factors that impact its growth and evolution. Major drivers include the demand for ultra-low latency slicing to support real-time applications, increasing enterprise needs for customized network solutions, and the growing adoption of private 5G networks accelerating slicing implementation. Nonetheless, the market faces challenges such as the absence of standardized frameworks across ecosystems, the high cost of network transformation for smaller organizations, and security concerns in multi-tenant environments. Despite these barriers, the market presents substantial opportunities, including AI-driven orchestration for zero-touch slicing, integration of edge computing with slicing, and collaborative development of slicing use cases across industries. Key challenges that need to be addressed include difficulties in enforcing real-time SLAs at scale, a shortage of professionals skilled in network slicing, and the operational complexity involved in managing multiple network slices.

According to Ericsson, network slicing allows the creation of multiple logical networks over a shared physical network infrastructure by forming slices that are logically isolated, self-contained, independent, and secure. Each of these slices can be individually configured to meet specific requirements for services or users—such as varying speeds, latency levels, and reliability. This capability enables the monetization of 5G network investments and harnesses the full potential of differentiated connectivity.

The 360 Quadrant maps the Network Slicing companies based on criteria such as revenue, geographic presence, growth strategies, investments, and sales strategies for the market presence of the Network Slicing quadrant. The top criteria for product footprint evaluation included By OFFERING (Solution, Service), By END USER (Telecom Operators, Enterprises), and By ENTERPRISE (Manufacturing, Automotive, Government & Public Sector, Transportation & Logistics, Energy & Utilities, Healthcare & Life Sciences, Media & Entertainment, Other Enterprises).

Key players in the Network Slicing market include major global corporations and specialized innovators such as Ericsson, Huawei, Nokia, Cisco Systems, Inc, ZTE, Ciena Corporation, Amdocs, Turk Telekom, Samsung, HPE, NTT, BT Group, Broadcom, Juniper Networks, T-Mobile, and Mavenir. These companies are actively investing in research and development, forming strategic partnerships, and engaging in collaborative initiatives to drive innovation, expand their global footprint, and maintain a competitive edge in this rapidly evolving market.

Top 3 Companies

Huawei

Huawei leads with a substantial market share of 11.0-13.0%. It excels in ICT infrastructure, including 5G, optical networks, and cloud services. Huawei's network slicing solutions are pivotal in its ICT Infrastructure segment, providing end-to-end 5G solutions to telecom operators and enterprises. This focus on high-performance, customizable networks allows Huawei to serve diverse needs in sectors such as healthcare, smart manufacturing, and energy.

Nokia

Nokia is a key global player in telecommunications, operating within segments like Mobile Networks and Cloud and Network Services. Its network slicing strategy emphasizes integrated orchestration and transport capabilities, supporting IoT, smart city applications, and public safety. By employing a comprehensive framework for network slices management, Nokia ensures robust service delivery, making it a vital player in technological integration and network customization.

Ericsson

Ericsson is renowned for its vigorous innovations in 5G infrastructure, cloud-native solutions, and network automation. As a leader, Ericsson leverages dynamic network slicing and advanced automation to meet the diverse needs of industries ranging from manufacturing to healthcare. Its strategic focus on SLA-driven virtual networks

exemplifies its commitment to delivering high-performance and reliable networks that cater to specific industry requirements.

Contents

1 INTRODUCTION

1.1 MARKET DEFINITION

1.2 STAKEHOLDERS

2 EXECUTIVE SUMMARY

3 MARKET OVERVIEW AND INDUSTRY TRENDS

3.1 INTRODUCTION

3.2 MARKET DYNAMICS

3.2.1 DRIVERS

3.2.1.1 Ultra-low latency slicing for real-time use cases

3.2.1.2 Rising enterprise demand for network customization

3.2.1.3 Private 5G adoption fueling slicing deployment

3.2.2 RESTRAINTS

3.2.2.1 Lack of unified standards across ecosystems

3.2.2.2 High cost of network transformation for smaller players

3.2.2.3 Security risks in multi-tenant environments

3.2.3 OPPORTUNITIES

3.2.3.1 AI-powered orchestration for zero-touch slicing

3.2.3.2 Edge computing integration with slicing

3.2.3.3 Cross-industry co-development of slicing use cases

3.2.4 CHALLENGES

3.2.4.1 SLA enforcement remains difficult in live deployments

3.2.4.2 Shortage of slicing-skilled workforce

3.2.4.3 Operational complexity in managing multiple slices

3.3 EVOLUTION OF NETWORK SLICING SOLUTIONS AND SERVICES

3.4 NETWORK SLICING MARKET: ECOSYSTEM ANALYSIS/MARKET MAP

3.5 VALUE CHAIN ANALYSIS

3.6 TECHNOLOGY ANALYSIS

3.6.1 KEY TECHNOLOGIES

3.6.1.1 Software-defined Networking (SDN)

3.6.1.2 Network Function Virtualization (NFV)

3.6.1.3 5G Core

3.6.1.4 Orchestration & Automation Platforms

3.6.1.5 Multi-access Edge Computing (MEC)

3.6.2 ADJACENT TECHNOLOGIES

3.6.2.1 Intent-based Networking

3.6.2.2 Artificial Intelligence & Machine Learning (AI/ML)

3.6.2.3 Digital Twin

3.6.2.4 Open RAN

3.6.2.5 Segment Routing

3.6.3 COMPLEMENTARY TECHNOLOGIES

3.6.3.1 Internet of Things (IoT)

3.6.3.2 Blockchain

3.6.3.3 Cybersecurity

3.7 PATENT ANALYSIS

3.8 PORTER'S FIVE FORCES ANALYSIS

3.8.1 THREAT OF NEW ENTRANTS

3.8.2 THREAT OF SUBSTITUTES

3.8.3 BARGAINING POWER OF SUPPLIERS

3.8.4 BARGAINING POWER OF BUYERS

3.8.5 INTENSITY OF COMPETITIVE RIVALRY

3.9 TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES

3.10 KEY CONFERENCES AND EVENTS

3.11 TECHNOLOGY ROADMAP FOR NETWORK SLICING MARKET

3.11.1 SHORT-TERM ROADMAP (2025–2026)

3.11.2 MID-TERM ROADMAP (2027–2028)

3.11.3 LONG-TERM ROADMAP (2029–2030)

3.12 IMPACT OF GENERATIVE AI ON NETWORK SLICING MARKET

3.12.1 TOP USE CASES AND MARKET POTENTIAL

3.12.1.1 Key use cases

3.12.2 BEST PRACTICES

3.12.2.1 Telecom Industry

3.12.2.2 Manufacturing Industry

3.12.2.3 Critical Infrastructure

4 COMPETITIVE LANDSCAPE

4.1 INTRODUCTION

4.2 KEY PLAYER STRATEGIES/RIGHT TO WIN, 2022–2025

4.3 MARKET SHARE ANALYSIS, 2024

4.3.1 MARKET RANKING ANALYSIS

4.4 REVENUE ANALYSIS, 2020–2024

4.5 BRAND/PRODUCT COMPARISON

4.6 COMPANY VALUATION AND FINANCIAL METRICS

4.7 COMPANY EVALUATION MATRIX: KEY PLAYERS, 2024

4.7.1 STARS

4.7.2 EMERGING LEADERS

4.7.3 PERVASIVE PLAYERS

4.7.4 PARTICIPANTS

4.7.5 COMPANY FOOTPRINT: KEY PLAYERS, 2024

4.7.5.1 Company footprint

4.7.5.2 Region footprint

4.7.5.3 Offering footprint

4.7.5.4 End user footprint

4.7.5.5 Enterprise footprint

4.8 COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2024

4.8.1 PROGRESSIVE COMPANIES

4.8.2 RESPONSIVE COMPANIES

4.8.3 DYNAMIC COMPANIES

4.8.4 STARTING BLOCKS

4.8.5 COMPETITIVE BENCHMARKING: STARTUPS/SMES, 2024

4.8.5.1 Detailed list of key startups/SMEs

4.8.5.2 Competitive benchmarking of key startups/SMEs

4.9 COMPETITIVE SCENARIO

4.9.1 PRODUCT LAUNCHES

4.9.2 DEALS

5 COMPANY PROFILES

5.1 KEY PLAYERS

5.1.1 ERICSSON

5.1.1.1 Business overview

5.1.1.2 Products/Solutions/Services offered

5.1.1.3 Recent developments

5.1.1.3.1 Deals

5.1.1.4 MnM view

5.1.1.4.1 Right to win

5.1.1.4.2 Strategic choices

5.1.1.4.3 Weaknesses and competitive threats

5.1.2 HUAWEI

5.1.2.1 Business overview

5.1.2.2 Products/Solutions/Services offered

- 5.1.2.3 Recent developments
 - 5.1.2.3.1 Deals
- 5.1.2.4 MnM view
 - 5.1.2.4.1 Right to win
 - 5.1.2.4.2 Strategic choices
 - 5.1.2.4.3 Weaknesses and competitive threats
- 5.1.3 NOKIA
 - 5.1.3.1 Business overview
 - 5.1.3.2 Products/Solutions/Services offered
 - 5.1.3.3 Recent developments
 - 5.1.3.3.1 Product launches
 - 5.1.3.3.2 Deals
 - 5.1.3.4 MnM view
 - 5.1.3.4.1 Right to win
 - 5.1.3.4.2 Strategic choices
 - 5.1.3.4.3 Weaknesses and competitive threats
- 5.1.4 CISCO SYSTEMS, INC.
 - 5.1.4.1 Business overview
 - 5.1.4.2 Products/Solutions/Services offered
 - 5.1.4.3 Recent developments
 - 5.1.4.3.1 Deals
 - 5.1.4.4 MnM view
 - 5.1.4.4.1 Right to win
 - 5.1.4.4.2 Strategic choices
 - 5.1.4.4.3 Weaknesses and competitive threats
- 5.1.5 ZTE
 - 5.1.5.1 Business overview
 - 5.1.5.2 Products/Solutions/Services offered
 - 5.1.5.3 Recent developments
 - 5.1.5.3.1 Deals
 - 5.1.5.4 MnM view
 - 5.1.5.4.1 Right to win
 - 5.1.5.4.2 Strategic choices
 - 5.1.5.4.3 Weaknesses and competitive threats
- 5.1.6 CIENA CORPORATION
 - 5.1.6.1 Business overview
 - 5.1.6.2 Products/Solutions/Services offered
 - 5.1.6.3 Recent developments
 - 5.1.6.3.1 Product launches

5.1.6.3.2 Deals

5.1.7 AMDOCS

5.1.7.1 Business overview

5.1.7.2 Products/Solutions/Services offered

5.1.7.3 Recent developments

5.1.7.3.1 Deals

5.1.8 TURK TELEKOM

5.1.8.1 Business overview

5.1.8.2 Products/Solutions/Services offered

5.1.8.3 Recent developments

5.1.8.3.1 Deals

5.1.9 SAMSUNG

5.1.9.1 Business overview

5.1.9.2 Products/Solutions/Services offered

5.1.9.3 Recent developments

5.1.9.3.1 Deals

5.1.10 HPE

5.1.10.1 Business overview

5.1.10.2 Products/Solutions/Services offered

5.1.10.3 Recent developments

5.1.10.3.1 Deals

5.1.11 NTT

5.1.12 BT GROUP

5.1.13 BROADCOM

5.1.14 JUNIPER NETWORKS

5.1.15 T-MOBILE

5.1.16 MAVENIR

5.2 STARTUPS/SMES

5.2.1 PARALLEL WIRELESS

5.2.2 AFFIRMED NETWORKS

5.2.3 CELONA

5.2.4 ARGELA TECHNOLOGIES

5.2.5 TAMBORA SYSTEMS

5.2.6 FIRECELL

5.2.7 DRUID SOFTWARE

5.2.8 NIRAL NETWORKS

5.2.9 SLICEFINITY

6 APPENDIX

6.1 RESEARCH METHODOLOGY

6.1.1 RESEARCH DATA

6.1.1.1 Secondary data

6.1.1.2 Primary data

6.1.2 RESEARCH ASSUMPTIONS

6.1.3 RESEARCH LIMITATIONS

6.2 COMPANY EVALUATION MATRIX: METHODOLOGY

6.3 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

TABLE 1 NETWORK SLICING MARKET: ECOSYSTEM

TABLE 2 LIST OF KEY PATENTS

TABLE 3 PORTER'S FIVE FORCES' IMPACT ON NETWORK SLICING MARKET

TABLE 4 NETWORK SLICING MARKET: DETAILED LIST OF KEY CONFERENCES AND EVENTS, 2025–2026

TABLE 5 OVERVIEW OF STRATEGIES ADOPTED BY KEY NETWORK SLICING MARKET PLAYERS, JANUARY 2022–APRIL 2025

TABLE 6 NETWORK SLICING MARKET: DEGREE OF COMPETITION

TABLE 7 NETWORK SLICING MARKET: REGION FOOTPRINT

TABLE 8 NETWORK SLICING MARKET: OFFERING FOOTPRINT

TABLE 9 NETWORK SLICING MARKET: END USER FOOTPRINT

TABLE 10 NETWORK SLICING MARKET: ENTERPRISE FOOTPRINT

TABLE 11 NETWORK SLICING MARKET: LIST OF KEY STARTUPS/SMES

TABLE 12 NETWORK SLICING MARKET: COMPETITIVE BENCHMARKING OF KEY STARTUPS/SMES

TABLE 13 NETWORK SLICING MARKET: PRODUCT LAUNCHES, JANUARY 2022–APRIL 2025

TABLE 14 NETWORK SLICING MARKET: DEALS, JANUARY 2022–APRIL 2025

TABLE 15 ERICSSON: COMPANY OVERVIEW

TABLE 16 ERICSSON: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 17 ERICSSON: DEALS

TABLE 18 HUAWEI: COMPANY OVERVIEW

TABLE 19 HUAWEI: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 20 HUAWEI: DEALS

TABLE 21 NOKIA: COMPANY OVERVIEW

TABLE 22 NOKIA: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 23 NOKIA: PRODUCT LAUNCHES

TABLE 24 NOKIA: DEALS

TABLE 25 CISCO SYSTEMS, INC.: COMPANY OVERVIEW

TABLE 26 CISCO SYSTEMS, INC.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 27 CISCO SYSTEMS, INC.: DEALS

TABLE 28 ZTE: COMPANY OVERVIEW

TABLE 29 ZTE: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 30 ZTE: DEALS

TABLE 31 CIENA CORPORATION: COMPANY OVERVIEW

TABLE 32 CIENA CORPORATION: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 33 CIENA CORPORATION: PRODUCT LAUNCHES

TABLE 34 CIENA CORPORATION: DEALS

TABLE 35 AMDOCS: COMPANY OVERVIEW

TABLE 36 AMDOCS: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 37 AMDOCS: DEALS

TABLE 38 TURK TELEKOM: COMPANY OVERVIEW

TABLE 39 TURK TELEKOM: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 40 TURK TELEKOM: DEALS

TABLE 41 SAMSUNG: COMPANY OVERVIEW

TABLE 42 SAMSUNG: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 43 SAMSUNG: DEALS

TABLE 44 HPE: COMPANY OVERVIEW

TABLE 45 HPE: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 46 HPE: DEALS

List Of Figures

LIST OF FIGURES

FIGURE 1 NETWORK SLICING MARKET, 2023–2030 (USD MILLION)

FIGURE 2 NETWORK SLICING MARKET, BY REGION (2025)

FIGURE 3 NETWORK SLICING MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

FIGURE 4 EVOLUTION: NETWORK SLICING SOLUTIONS AND SERVICES

FIGURE 5 KEY PLAYERS IN NETWORK SLICING MARKET ECOSYSTEM

FIGURE 6 NETWORK SLICING MARKET: VALUE CHAIN ANALYSIS

FIGURE 7 LIST OF KEY PATENTS FOR NETWORK SLICING, 2013–2024

FIGURE 8 NETWORK SLICING MARKET: PORTER'S FIVE FORCES ANALYSIS

FIGURE 9 NETWORK SLICING MARKET: DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES

FIGURE 10 MARKET POTENTIAL OF GENERATIVE AI IN ENHANCING NETWORK SLICING ACROSS VARIOUS TYPES OF SOLUTIONS

FIGURE 11 GENERATIVE AI BEST PRACTICES ACROSS MAJOR INDUSTRIES

FIGURE 12 SHARES OF LEADING COMPANIES IN NETWORK SLICING MARKET, 2024

FIGURE 13 NETWORK SLICING MARKET: RANKING ANALYSIS OF TOP FIVE PLAYERS

FIGURE 14 REVENUE ANALYSIS OF KEY PLAYERS IN NETWORK SLICING MARKET, 2020–2024 (USD MILLION)

FIGURE 15 NETWORK SLICING MARKET: BRAND/PRODUCT COMPARISON

FIGURE 16 COMPANY VALUATION, 2025

FIGURE 17 FINANCIAL METRICS OF KEY VENDORS, 2025

FIGURE 18 NETWORK SLICING MARKET: COMPANY EVALUATION MATRIX (KEY PLAYERS), 2024

FIGURE 19 NETWORK SLICING MARKET: COMPANY FOOTPRINT

FIGURE 20 NETWORK SLICING MARKET: COMPANY EVALUATION MATRIX (STARTUPS/SMES), 2024

FIGURE 21 ERICSSON: COMPANY SNAPSHOT

FIGURE 22 NOKIA: COMPANY SNAPSHOT

FIGURE 23 CISCO SYSTEMS, INC.: COMPANY SNAPSHOT

FIGURE 24 ZTE: COMPANY SNAPSHOT

FIGURE 25 CIENA CORPORATION: COMPANY SNAPSHOT

FIGURE 26 AMDOCS: COMPANY SNAPSHOT

FIGURE 27 TURK TELEKOM: COMPANY SNAPSHOT

FIGURE 28 SAMSUNG: COMPANY SNAPSHOT

FIGURE 29 HPE: COMPANY SNAPSHOT

FIGURE 30 NETWORK SLICING MARKET: RESEARCH DESIGN

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