

# Global Virtual Networking Market Size, Share & Trends Analysis and Regional Forecasts 2022-2032

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## Abstracts

The global virtual networking market is projected to grow significantly, with its value expected to rise from USD 38.4 billion in 2023 to USD 318.53 billion by 2032, at a CAGR of 26.5% during the forecast period. The rapid expansion of cloud computing, the proliferation of Software-Defined Networking (SDN) and Network Function Virtualization (NFV), and the increasing need for secure, flexible, and scalable network infrastructure are key drivers propelling the market forward. As businesses continue transitioning to hybrid and multi-cloud environments, the demand for virtual networking solutions has surged, enabling seamless connectivity across diverse infrastructures.

The widespread adoption of industrial automation and IoT has further accelerated the need for network virtualization, as organizations require efficient traffic management, real-time analytics, and cost-effective solutions to handle the increasing number of connected devices. Virtual networking technologies offer unparalleled agility by allowing enterprises to scale resources, reduce network downtime, and enhance data security through micro-segmentation and network isolation techniques. These capabilities are critical in industries such as BFSI, IT & telecommunication, healthcare, manufacturing, and public sector where real-time data processing and uninterrupted connectivity are imperative.

The market is witnessing increased investments in cloud-based networking solutions, with enterprises moving away from traditional network architectures toward software-defined infrastructures that facilitate dynamic workload management and remote accessibility. The services segment is expected to gain traction as organizations seek professional and managed services for optimizing their network infrastructure. The growing demand for hybrid cloud networking, zero-trust security models, and edge computing is further fostering innovation in the sector, with major players investing in

next-generation virtual networking technologies to enhance automation, cybersecurity, and operational efficiency.

North America remains at the forefront of virtual networking adoption, driven by rapid digital transformation, strong cloud adoption rates, and high penetration of SDN solutions. The Asia Pacific region is poised for the fastest growth, owing to expanding data center infrastructure, increasing cloud deployments, and government-led digitalization initiatives in emerging economies such as China, India, and Japan. Meanwhile, Europe is seeing significant traction due to strict data privacy regulations and heightened cybersecurity concerns, prompting enterprises to invest in secure virtual networking architectures.

#### Major Market Players Included in This Report

Huawei Technologies Co., Ltd.

Hewlett Packard Enterprise Development LP

VMware, Inc.

Cisco Systems, Inc.

Microsoft Corporation

IBM Corporation

Citrix Systems, Inc.

Juniper Networks, Inc.

Oracle

Verizon Communications Inc.

Edgecore Networks Corporation

Extreme Networks, Inc.

Nokia Corporation

Fortinet, Inc.

Palo Alto Networks, Inc.

The Detailed Segments and Sub-Segment of the Market are Explained Below:

By Component:

Hardware

Software

Services

By Deployment:

On-Premise

Cloud

By Enterprise Size:

Large Enterprises

Small & Medium Enterprises

By Application:

BFSI

Public Sector

Manufacturing

Hospitality

IT and Telecommunication

Healthcare

Others

By Region:

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Asia Pacific

China

India

Japan

South Korea

Australia

Latin America

Brazil

Middle East & Africa

KSA

UAE

South Africa

Years Considered for the Study:

Historical Year: 2022

Base Year: 2023

Forecast Period: 2024-2032

Key Takeaways:

Market Estimates & Forecasts for 10 years from 2022 to 2032

Annualized revenues and regional-level analysis for each market segment

Detailed geographical landscape analysis with country-level insights

Competitive landscape with company profiling and market positioning

Strategic business recommendations based on industry trends

Supply-side and demand-side analysis of the market



## Contents

### **CHAPTER 1. GLOBAL VIRTUAL NETWORKING MARKET EXECUTIVE SUMMARY**

- 1.1. Global Virtual Networking Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
  - 1.3.1. By Component
  - 1.3.2. By Deployment
  - 1.3.3. By Enterprise Size
  - 1.3.4. By Application
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

### **CHAPTER 2. GLOBAL VIRTUAL NETWORKING MARKET DEFINITION AND RESEARCH ASSUMPTIONS**

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
  - 2.3.1. Inclusion & Exclusion
  - 2.3.2. Limitations
  - 2.3.3. Supply Side Analysis
    - 2.3.3.1. Availability
    - 2.3.3.2. Infrastructure
    - 2.3.3.3. Regulatory Environment
    - 2.3.3.4. Market Competition
    - 2.3.3.5. Economic Viability (Consumer's Perspective)
  - 2.3.4. Demand Side Analysis
    - 2.3.4.1. Regulatory Frameworks
    - 2.3.4.2. Technological Advancements
    - 2.3.4.3. Environmental Considerations
    - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

### **CHAPTER 3. GLOBAL VIRTUAL NETWORKING MARKET DYNAMICS**

### 3.1. Market Drivers

- 3.1.1. Increasing Adoption of Cloud Computing & Hybrid Cloud Models
- 3.1.2. Rising Demand for SDN & NFV Solutions
- 3.1.3. Growing Remote Workforce & Virtualized Network Infrastructure

### 3.2. Market Challenges

- 3.2.1. Cybersecurity & Data Privacy Concerns
- 3.2.2. Complexity of Managing Multi-Cloud Environments

### 3.3. Market Opportunities

- 3.3.1. Integration of AI & Machine Learning in Virtual Networking
- 3.3.2. Expansion of 5G & Edge Computing Infrastructure
- 3.3.3. Advancements in Network Automation & Zero-Trust Security

## **CHAPTER 4. GLOBAL VIRTUAL NETWORKING MARKET INDUSTRY ANALYSIS**

### 4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

### 4.2. PESTEL Analysis

- 4.2.1. Political Factors
- 4.2.2. Economic Factors
- 4.2.3. Social Factors
- 4.2.4. Technological Factors
- 4.2.5. Environmental Factors
- 4.2.6. Legal Factors

### 4.3. Top Investment Opportunities

### 4.4. Top Winning Strategies

### 4.5. Disruptive Trends

### 4.6. Industry Expert Perspective

### 4.7. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL VIRTUAL NETWORKING MARKET SIZE & FORECASTS BY COMPONENT 2022-2032**



### 5.1. Segment Dashboard

### 5.2. Global Virtual Networking Market: Component Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

#### 5.2.1. Hardware

#### 5.2.2. Software

#### 5.2.3. Services

## **CHAPTER 6. GLOBAL VIRTUAL NETWORKING MARKET SIZE & FORECASTS BY DEPLOYMENT 2022-2032**

### 6.1. Segment Dashboard

### 6.2. Global Virtual Networking Market: Deployment Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

#### 6.2.1. On-Premise

#### 6.2.2. Cloud

## **CHAPTER 7. GLOBAL VIRTUAL NETWORKING MARKET SIZE & FORECASTS BY ENTERPRISE SIZE 2022-2032**

### 7.1. Segment Dashboard

### 7.2. Global Virtual Networking Market: Enterprise Size Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

#### 7.2.1. Large Enterprises

#### 7.2.2. Small & Medium Enterprises

## **CHAPTER 8. GLOBAL VIRTUAL NETWORKING MARKET SIZE & FORECASTS BY APPLICATION 2022-2032**

### 8.1. Segment Dashboard

### 8.2. Global Virtual Networking Market: Application Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

#### 8.2.1. BFSI

#### 8.2.2. Public Sector

#### 8.2.3. Manufacturing

#### 8.2.4. Hospitality

#### 8.2.5. IT and Telecommunication

#### 8.2.6. Healthcare

#### 8.2.7. Others

## **CHAPTER 9. GLOBAL VIRTUAL NETWORKING MARKET SIZE & FORECASTS BY REGION 2022-2032**

- 9.1. North America Virtual Networking Market
  - 9.1.1. U.S. Virtual Networking Market
  - 9.1.2. Canada Virtual Networking Market
  - 9.1.3. Mexico Virtual Networking Market
- 9.2. Europe Virtual Networking Market
  - 9.2.1. UK Virtual Networking Market
  - 9.2.2. Germany Virtual Networking Market
  - 9.2.3. France Virtual Networking Market
- 9.3. Asia-Pacific Virtual Networking Market
  - 9.3.1. China Virtual Networking Market
  - 9.3.2. India Virtual Networking Market
  - 9.3.3. Japan Virtual Networking Market
  - 9.3.4. South Korea Virtual Networking Market
  - 9.3.5. Australia Virtual Networking Market
- 9.4. Latin America Virtual Networking Market
  - 9.4.1. Brazil Virtual Networking Market
- 9.5. Middle East & Africa Virtual Networking Market
  - 9.5.1. KSA Virtual Networking Market
  - 9.5.2. UAE Virtual Networking Market
  - 9.5.3. South Africa Virtual Networking Market

## **CHAPTER 10. COMPETITIVE INTELLIGENCE**

- 10.1. Key Company SWOT Analysis
  - 10.1.1. Huawei Technologies Co., Ltd.
  - 10.1.2. VMware, Inc.
  - 10.1.3. Cisco Systems, Inc.
- 10.2. Top Market Strategies
- 10.3. Company Profiles
  - 10.3.1. Huawei Technologies Co., Ltd.
  - 10.3.2. Hewlett Packard Enterprise Development LP
  - 10.3.3. VMware, Inc.
  - 10.3.4. Cisco Systems, Inc.
  - 10.3.5. Microsoft Corporation
  - 10.3.6. IBM Corporation
  - 10.3.7. Citrix Systems, Inc.

- 10.3.8. Juniper Networks, Inc.
- 10.3.9. Oracle
- 10.3.10. Verizon Communications Inc.

## **CHAPTER 11. RESEARCH PROCESS**

- 11.1. Research Process
  - 11.1.1. Data Mining
  - 11.1.2. Analysis
  - 11.1.3. Market Estimation
  - 11.1.4. Validation
  - 11.1.5. Publishing
- 11.2. Research Attributes

## List Of Tables

### LIST OF TABLES

- 1. GLOBAL VIRTUAL NETWORKING MARKET REVENUE ESTIMATES & FORECASTS BY REGION (2022-2032)**
- 2. GLOBAL VIRTUAL NETWORKING MARKET REVENUE ESTIMATES & FORECASTS BY COMPONENT (2022-2032)**
- 3. GLOBAL VIRTUAL NETWORKING MARKET REVENUE ESTIMATES & FORECASTS BY DEPLOYMENT (2022-2032)**
- 4. GLOBAL VIRTUAL NETWORKING MARKET REVENUE ESTIMATES & FORECASTS BY ENTERPRISE SIZE (2022-2032)**
- 5. GLOBAL VIRTUAL NETWORKING MARKET REVENUE ESTIMATES & FORECASTS BY APPLICATION (2022-2032)**
- 6. MARKET SHARE BY COMPONENT, DEPLOYMENT, ENTERPRISE SIZE, AND APPLICATION**
- 7. NORTH AMERICA VIRTUAL NETWORKING MARKET REVENUE, BY COMPONENT (2022-2032)**
- 8. EUROPE VIRTUAL NETWORKING MARKET REVENUE, BY COMPONENT (2022-2032)**
- 9. ASIA PACIFIC VIRTUAL NETWORKING MARKET REVENUE, BY COMPONENT (2022-2032)**
- 10. LATIN AMERICA VIRTUAL NETWORKING MARKET REVENUE, BY COMPONENT (2022-2032)**
- 11. MIDDLE EAST & AFRICA VIRTUAL NETWORKING MARKET REVENUE, BY COMPONENT (2022-2032)**
- 12. CLOUD ADOPTION RATE TRENDS AND IMPACT ON VIRTUAL NETWORKING**

## **MARKET**

### **13. MARKET GROWTH IN KEY REGIONS (2022-2032)**

### **14. KEY COMPANY MARKET SHARE ANALYSIS, 2023**

### **15. INDUSTRY TRENDS & GROWTH DRIVERS IN VIRTUAL NETWORKING MARKET**

### **16. ADOPTION OF SDN & NFV IN ENTERPRISES (2022-2032)**

### **17. IMPACT OF REMOTE WORK ON VIRTUAL NETWORKING MARKET GROWTH**

### **18. COMPARISON OF PUBLIC, PRIVATE, AND HYBRID CLOUD NETWORKING SOLUTIONS**

### **19. TECHNOLOGICAL ADVANCEMENTS IN VIRTUAL NETWORKING SOLUTIONS (2022-2032)**

### **20. INVESTMENT & FUNDING IN VIRTUAL NETWORKING STARTUPS (2022-2032)**

This list is not complete; the final report contains more than 100 tables. The list may be updated in the final deliverable.

## List Of Figures

### LIST OF FIGURES

1. GLOBAL VIRTUAL NETWORKING MARKET GROWTH TRENDS (2022-2032)
2. MARKET SEGMENTATION BY COMPONENT (2022-2032)
3. MARKET SEGMENTATION BY DEPLOYMENT (2022-2032)
4. MARKET SEGMENTATION BY ENTERPRISE SIZE (2022-2032)
5. MARKET SEGMENTATION BY APPLICATION (2022-2032)
6. COMPETITIVE LANDSCAPE & MARKET SHARE OF KEY PLAYERS (2023)
7. CLOUD ADOPTION RATE TRENDS AND IMPACT ON VIRTUAL NETWORKING
8. ADOPTION OF SDN & NFV IN LARGE ENTERPRISES (2022-2032)
9. MARKET GROWTH IN NORTH AMERICA (2022-2032)
10. MARKET GROWTH IN EUROPE (2022-2032)
11. MARKET GROWTH IN ASIA PACIFIC (2022-2032)
12. MARKET GROWTH IN LATIN AMERICA (2022-2032)
13. MARKET GROWTH IN MIDDLE EAST & AFRICA (2022-2032)
14. IMPACT OF VIRTUAL PRIVATE NETWORKS (VPNS) ON MARKET EXPANSION
15. EMERGING TRENDS IN CLOUD-BASED VIRTUAL NETWORKING SOLUTIONS
16. EVOLUTION OF NETWORK FUNCTION VIRTUALIZATION (NFV) (2022-2032)
17. ROLE OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING IN VIRTUAL NETWORKING

## **18. DATA PRIVACY & SECURITY CHALLENGES IN VIRTUAL NETWORKING MARKET**

## **19. MARKET EXPANSION DUE TO 5G & EDGE COMPUTING ADOPTION**

## **20. FUTURE OUTLOOK & OPPORTUNITIES IN VIRTUAL NETWORKING MARKET (2022-2032)**

This list is not complete; the final report contains more than 50 figures. The list may be updated in the final deliverable.

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