

Network Function Virtualization Market Size, Share, and Analysis, By Component (Solutions, Orchestration & Automation, and Services), By Virtualized Network Functions (Compute, Storage, and Network), By Application (Virtual Appliance and Core Network), By End-User (Service Providers, Data Centers, and Enterprises), and By Region (North America, Europe, Asia-Pacific, And Rest of the World) And Regional Forecast 2024-2034

<https://marketpublishers.com/r/N6D57A6488BCEN.html>

Date: April 2024

Pages: 430

Price: US\$ 5,150.00 (Single User License)

ID: N6D57A6488BCEN

Abstracts

Network Function Virtualization Market Size, Share, and Analysis, By Component (Solutions, Orchestration & Automation, and Services), By Virtualized Network Functions (Compute, Storage, and Network), By Application (Virtual Appliance and Core Network), By End-User (Service Providers, Data Centers, and Enterprises), and By Region (North America, Europe, Asia-Pacific, And Rest of the World) And Regional Forecast 2024-2034

PRODUCT OVERVIEW

Network Function Virtualization Market is anticipated to exhibit a Compound Annual Growth Rate (CAGR) of 26% during the forecast span from 2024 to 2034. In 2023, the market size was assessed at USD 31 billion and is projected to reach USD 396.5 billion by the completion of 2034.

Network function virtualization (NFV) refers to an advanced technology that transforms traditional network services by virtualizing them and allowing them to run

on standard hardware. This approach eliminates the need for dedicated hardware appliances as NFV uses virtualization techniques to combine and execute network operations as software on universal servers. This transition improves scalability and resource consumption within telecommunications and networking systems. Additionally, NFV separates network operations such as firewalls and routers from dedicated hardware, allowing for efficient deployment and maintenance. Moreover, the technology decouples virtualized instances with special hardware, enabling fast provisioning and economical operations. Hence, NFV is essential for the evolution of modern network infrastructures as it collaborates with Software-Defined Networking (SDN) to optimize and simplify network operations.

MARKET HIGHLIGHTS

Network function virtualization market is expected to reach USD 396.5 billion over the forecast period, owing to the increasing demand for flexible and cost-efficient network solutions. NFV emerges as a scalable alternative to traditional hardware-centric networks in the atmosphere of extensive digital transformation activities. Telecommunications sectors are prominently adopting NFV to improve their network flexibility and reduce operational costs, which contributes to market growth. Additionally, the rise of software-defined networking (SDN) further surges the deployment of network function virtualization across various sectors. Furthermore, North America and Europe are playing essential roles in pushing the market expansion, with an increasing number of enterprises adopting NFVs to optimize their network infrastructure. Thus, this evolving ecosystem positions the NFV market for sustained growth, due to the persistent demand for efficient and scalable network solutions across various sectors.

Network Function Virtualization Market Segments:

By Component

Solutions

Orchestration & Automation

Services

By Virtualized Network Functions

Compute

Storage

Network

By Application

Virtual Appliance

Core Network

By End-User

Service Providers

Data Centers

Enterprises

MARKET DYNAMICS

Growth Drivers

Increasing Demand for Network Optimization t%li%Create Development Prospects

Rising Adoption of Cloud Services will Provide New Opportunities for Growth

Restraint

Security Concerns Could Be Restricting Industry Growth

Key Players

Cisc%li%Systems, Inc.Hewlett Packard Enterprise (HPE)

Nokia Corporation

Ericsson AB

VMware, Inc.

Juniper Networks, Inc.

Huawei Technologies Co., Ltd.

NEC Corporation

Intel Corporation

Dell Technologies Inc.

Red Hat, Inc.

Oracle Corporation

Amdocs Limited

Brocade Communications Systems, Inc.

Wind River Systems, Inc.

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market
in the years to come

3-month post-sales analyst support.

Contents

1.EXECUTIVE SUMMARY

- 1.1. Regional Market Share
- 1.2.Business Trends
- 1.3. Network Function Virtualization Market: COVID-19 Outbreak
- 1.4. Regional Trends
- 1.5. Segmentation Snapshot

2. RESEARCH METHODOLOGY

- 2.1.Research Objective
- 2.2. Research Approach
- 2.3. Data Sourcing and Methodology
- 2.4.Primary Research
- 2.5.Secondary Research
 - 2.5.1.Paid Sources
 - 2.5.2. Public Sources
- 2.6. Market Size Estimation and Data Triangulation

3. MARKET CHARACTERISTICS

- 3.1.Market Definition
- 3.2.Network Function Virtualization Market: COVID-19 Impact
- 3.3. Key Segmentations
- 3.4.Key Developments
- 3.5.Allied Industry Data

4.NETWORK FUNCTION VIRTUALIZATION MARKET – INDUSTRY INSIGHTS

- 4.1. Industry Segmentation
- 4.2.COVID-19 overview on world economy
- 4.3.Industry ecosystem Channel analysis
- 4.4.Innovation & Sustainability

5. MACROECONOMIC INDICATORS

6. RECENT DEVELOPMENTS

7. MARKET DYNAMICS

- 7.1.Introduction
- 7.2. Growth Drivers
- 7.3. Market Opportunities
- 7.4.Market Restraints
- 7.5. Market Trends

8.RISK ANALYSIS

9. MARKET ANALYSIS

- 9.1.Porters Five Forces
- 9.2. PEST Analysis
 - 9.2.1.Political
 - 9.2.2. Economic
 - 9.2.3. Social
 - 9.2.4. Technological

10.NETWORK FUNCTION VIRTUALIZATION MARKET

- 10.1.Overview
- 10.2. Historical Analysis (2019-2022)
 - 10.2.1. Market Size, Y-o-Y Growth (%) and Market Forecast

11. NETWORK FUNCTION VIRTUALIZATION MARKET SIZE & FORECAST 2024A-2034F

- 11.1. Overview
- 11.2.Key Findings
- 11.3.Market Segmentation
 - 11.3.1.By Component
 - 11.3.1.1. Orchestration & Automation
 - 11.3.1.1.1.By Value (USD Million) 2024-2034F
 - 11.3.1.1.2. Market Share (%) 2024-2034F
 - 11.3.1.1.3. Y-o-Y Growth (%) 2024-2034F
 - 11.3.1.2.Services
 - 11.3.1.2.1. By Value (USD Million) 2024-2034F

- 11.3.1.2.2. Market Share (%) 2024-2034F
- 11.3.1.2.3. Y-o-Y Growth (%) 2024-2034F
- 11.3.2. By Virtualized Network Functions
 - 11.3.2.1. Compute
 - 11.3.2.1.1. By Value (USD Million) 2024-2034F
 - 11.3.2.1.2. Market Share (%) 2024-2034F
 - 11.3.2.1.3. Y-o-Y Growth (%) 2024-2034F
 - 11.3.2.2. Storage
 - 11.3.2.2.1. By Value (USD Million) 2024-2034F
 - 11.3.2.2.2. Market Share (%) 2024-2034F
 - 11.3.2.2.3. Y-o-Y Growth (%) 2024-2034F
 - 11.3.2.3. Network
 - 11.3.2.3.1. By Value (USD Million) 2024-2034F
 - 11.3.2.3.2. Market Share (%) 2024-2034F
 - 11.3.2.3.3. Y-o-Y Growth (%) 2024-2034F
- 11.3.3. By Application
 - 11.3.3.1. Virtual Appliance
 - 11.3.3.1.1. By Value (USD Million) 2024-2034F
 - 11.3.3.1.2. Market Share (%) 2024-2034F
 - 11.3.3.1.3. Y-o-Y Growth (%) 2024-2034F
 - 11.3.3.2. Core Network
 - 11.3.3.2.1. By Value (USD Million) 2024-2034F
 - 11.3.3.2.2. Market Share (%) 2024-2034F
 - 11.3.3.2.3. Y-o-Y Growth (%) 2024-2034F
- 11.3.4. By End-User
 - 11.3.4.1. Services Providers
 - 11.3.4.1.1. By Value (USD Million) 2024-2034F
 - 11.3.4.1.2. Market Share (%) 2024-2034F
 - 11.3.4.1.3. Y-o-Y Growth (%) 2024-2034F
 - 11.3.4.2. Data Center
 - 11.3.4.2.1. By Value (USD Million) 2024-2034F
 - 11.3.4.2.2. Market Share (%) 2024-2034F
 - 11.3.4.2.3. Y-o-Y Growth (%) 2024-2034F
 - 11.3.4.3. Enterprises
 - 11.3.4.3.1. By Value (USD Million) 2024-2034F
 - 11.3.4.3.2. Market Share (%) 2024-2034F
 - 11.3.4.3.3. Y-o-Y Growth (%) 2024-2034F

12. NORTH AMERICA NETWORK FUNCTION VIRTUALIZATION MARKET SIZE &

FORECAST 2024A-2034F

- 12.1. Overview
- 12.2. Key Findings
- 12.3. Market Segmentation
 - 12.3.1. By Component
 - 12.3.2. By Virtualized Network Function
 - 12.3.3. By Application
 - 12.3.4. By End-User
- 12.4. Country
 - 12.4.1. United States
 - 12.4.2. Canada

13. EUROPE NETWORK FUNCTION VIRTUALIZATION MARKET SIZE & FORECAST 2024A-2034F

- 13.1. Overview
- 13.2. Key Findings
- 13.3. Market Segmentation
 - 13.3.1. By Component
 - 13.3.2. By Virtualized Network Function
 - 13.3.3. By Application
 - 13.3.4. By End-User
- 13.4. Country
 - 13.4.1. Germany
 - 13.4.2. United Kingdom
 - 13.4.3. France
 - 13.4.4. Italy
 - 13.4.5. Spain
 - 13.4.6. Russia
 - 13.4.7. Rest of Europe (BENELUX, NORDIC, Hungary, Turkey & Poland)

14. ASIA-PACIFIC NETWORK FUNCTION VIRTUALIZATION MARKET SIZE & FORECAST 2024A-2034F

- 14.1. Overview
- 14.2. Key Findings
- 14.3. Market Segmentation
 - 14.3.1. By Component

- 14.3.2. By Virtualized Network Function
- 14.3.3. By Application
- 14.3.4. By End-User
- 14.4. Country
 - 14.4.1. India
 - 14.4.2. China
 - 14.4.3. South Korea
 - 14.4.4. Japan
 - 14.4.5. Rest of APAC

15. MIDDLE EAST AND AFRICA NETWORK FUNCTION VIRTUALIZATION MARKET SIZE & FORECAST 2024A-2034F

- 15.1. Overview
- 15.2. Key Findings
- 15.3. Market Segmentation
 - 15.3.1. By Component
 - 15.3.2. By Virtualized Network Function
 - 15.3.3. By Application
 - 15.3.4. By End-User
- 15.4. Country
 - 15.4.1. Israel
 - 15.4.2. GCC
 - 15.4.3. North Africa
 - 15.4.4. South Africa
 - 15.4.5. Rest of Middle East and Africa

16. LATIN AMERICA NETWORK FUNCTION VIRTUALIZATION MARKET SIZE & FORECAST 2024A-2034F

- 16.1. Overview
- 16.2. Key Findings
- 16.3. Market Segmentation
 - 16.3.1. By Component
 - 16.3.2. By Virtualized Network Function
 - 16.3.3. By Application
 - 16.3.4. By End-User
- 16.4. Country
 - 16.4.1. Mexico

16.4.2. Brazil

16.4.3. Rest of Latin America

17. COMPETITIVE LANDSCAPE

17.1. Company market share, 2023

17.2. Key player overview

17.3. Key stakeholders

18. COMPANY PROFILES

18.1. Cisco Systems, Inc.

18.1.1. Company Overview

18.1.2. Financial Overview

18.1.3. Key Product; Analysis

18.1.4. Company Assessment

18.1.4.1. Product Portfolio

18.1.4.2. Key Clients

18.1.4.3. Market Share

18.1.4.4. Recent News & Development (Last 3 Yrs.)

18.1.4.5. Executive Team

18.2. Hewlett Packard Enterprise (HPE)

18.3. Nokia Corporation

18.4. VMware, Inc.

18.5. Juniper Networks, Inc.

18.6. Huawei Technologies Co., Ltd.

18.7. Ericsson AB

18.8. NEC Corporation

18.9. Intel Corporation

18.10. Dell Technologies Inc.

18.11. Red Hat, Inc.

18.12. Oracle Corporation

18.13. Amdocs Limited

18.14. Brocade Communications Systems, Inc.

18.15. Wind River Systems, Inc.

18.16. Other Prominent Players

19. APPENDIX

20.CONSULTANT RECOMMENDATION

I would like to order

Product name: Network Function Virtualization Market Size, Share, and Analysis, By Component (Solutions, Orchestration & Automation, and Services), By Virtualized Network Functions (Compute, Storage, and Network), By Application (Virtual Appliance and Core Network), By End-User (Service Providers, Data Centers, and Enterprises), and By Region (North America, Europe, Asia-Pacific, And Rest of the World) And Regional Forecast 2024-2034

Product link: <https://marketpublishers.com/r/N6D57A6488BCEN.html>

Price: US\$ 5,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N6D57A6488BCEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970