

NFV in IoT: Technology, Market Assessment, and Forecasts 2017 - 2022

<https://marketpublishers.com/r/NB718CD5CA5EN.html>

Date: December 2016

Pages: 108

Price: US\$ 1,995.00 (Single User License)

ID: NB718CD5CA5EN

Abstracts

An Internet of Things (IoT) system is manifest in a complex array of devices, gateways, and network infrastructure (hardware, software, platforms, databases, etc.), to provide applications, services, data and analytics. IoT system capacity, flexibility, and extensibility will be greatly enhanced through virtualization. Network Functions Virtualization (NFV) is a telecom led initiative that aims to utilize standard IT virtualization technology to consolidate many telecom network equipment types onto industry standard high volume servers, switches and storage.

NFV plays the role of connecting and managing heterogeneous IoT elements in a more scalable, flexible, and secure manner. This need is especially the case for enterprise IoT as a typical large enterprise IoT architecture will consist of potentially hundreds of data centers, thousands of IoT gateways, and millions of IoT devices.

This research evaluates the market need and opportunities for NFV in IoT including the following:

- NFV, SDN, and Cloud functionality

- Use cases across industry verticals

- Leading NFV IoT vendor and solutions

- Emerging business models in NFV IoT services

- Global and Regional forecasts for NFV in IoT 2017 - 2022

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Target Audience:

Network operators

IoT solution providers

SDN solution providers

Cloud-based service providers

Virtualization solution providers

Network infrastructure providers

OSS/BSS and optimization companies

Contents

1 INTRODUCTION

- 1.1 Virtualization and NFV
- 1.2 IoT Growth Challenges for Service Providers
- 1.3 NFV Role in Building IoT Networks
 - 1.3.1 IoT Network Requirements
 - 1.3.2 IoT Platform Requirements
 - 1.3.3 Relevance of NFV in IoT Systems
- 1.4 NFV to Enhance IoT Networking Capacity
 - 1.4.1 Role of SDN in NFV IoT Framework
- 1.5 NFV Drives Opportunities for IoT Service Providers

2 NFV IN IOT NETWORK ARCHITECTURE, USE CASES, AND BUSINESS MODELS

- 2.1 NFV Network Structure for IoT Systems
- 2.2 IoT Dedicated Network with NFV
 - 2.2.1 NFV for Flexible Architecture
 - 2.2.2 NFV MANO
 - 2.2.3 Mobile Edge Computing
- 2.3 NFV Deployment Process in IoT Dedicated Networks
 - 2.3.1 Service Agility
 - 2.3.2 PaaS Model
- 2.4 Cloud Computing, SDN, and NFV
- 2.5 IoT OSS/BSS
- 2.6 5G to Accelerate NFV Adoption
- 2.7 NFV Network Elements for IoT Networks
- 2.8 NFV Solutions and Use Cases in IoT Ecosystem
 - 2.8.1 Traffic Control
 - 2.8.2 Real Time Image Distribution
- 2.9 NFV Business Models

3 IOT DRIVEN NFV MARKET FORECAST 2017 - 2022

- 3.1 Global Market 2017 - 2022
 - 3.1.1 IoT Driven NFV Market
 - 3.1.2 IoT Driven NFV Market by Type
 - 3.1.2.1 IoT Driven NFV Market by Solutions

- 3.1.2.2 IoT Driven NFV Market by Services
- 3.1.3 IoT Driven NFV Market by Industry Verticals
- 3.1.4 IoT Driven NFV Market by Service Providers
- 3.1.5 IoT Driven NFV Market by End Users
- 3.2 Regional Market 2017 - 2022
 - 3.2.1 IoT Driven NFV Market by Region
 - 3.2.2 NA IoT Driven NFV: Type of Solution & Service, Industry Vertical, Service Provider, End Users, and Country
 - 3.2.3 APAC IoT Driven NFV: Type of Solution & Service, Industry Vertical, Service Provider, End Users, and Country
 - 3.2.4 Europe IoT Driven NFV: Type of Solution & Service, Industry Vertical, Service Provider, End Users, and Country
 - 3.2.5 MEA IoT Driven NFV: Type of Solution & Service, Industry Vertical, Service Provider, End Users, and Country
 - 3.2.6 LA IoT Driven NFV: Type of Solution & Service, Industry Vertical, Service Provider, End Users, and Country

4 TECHNOLOGY AND SOLUTION PROVIDER ANALYSIS

- 4.1 Hewlett Packard Enterprise
 - 4.1.1 HPE OpenNFV Program
- 4.2 Huawei Technologies
 - 4.2.1 Huawei NFV/SDN Solution
 - 4.2.2 Huawei Mushroom PaaS Platform
- 4.3 Juniper Networks
 - 4.3.1 Juniper NFV Solution
- 4.4 Intel Corporation
 - 4.4.1 VNF Based Gi-LAN Solution
- 4.5 NEC Corporation
 - 4.5.1 NEC NFV Solution
 - 4.5.1.1 vMVNO Solutions
 - 4.5.1.2 vEPC Solutions
 - 4.5.1.3 vCPE Solutions
 - 4.5.1.4 vHSS Solution
- 4.6 Brocade Communication Systems
 - 4.6.1 Brocade NFV Solution
- 4.7 Cisco Systems
 - 4.7.1 Cisco NFV Solution
- 4.8 Ericsson

- 4.8.1 Ericsson NFV Solution
- 4.9 Nokia Corporation
 - 4.9.1 Nokia NFV Solution
- 4.10 VMware Inc.
 - 4.10.1 VMware vCloud NFV Solution
- 4.11 Dell Inc.
 - 4.11.1 Dell NFV Solution

5 CONCLUSIONS AND RECOMMENDATIONS

- 5.1 General Recommendations
- 5.2 Recommendations for Service Providers

6 APPENDIX: MORE ON VIRTUALIZATION AND NFV

- 6.1 Virtualization
 - 6.1.1 Virtualization Concept
 - 6.1.2 Virtualization Motivation
 - 6.1.3 Virtualization Challenges
- 6.2 Role of Virtualization in Cloud Computing
 - 6.2.1 Is Virtualization Cloud Computing?
- 6.3 Network Function Virtualization (NFV) for Network Operators
 - 6.3.1 Legacy Networking Environment Is Incapable of Elastic Networking Demand
 - 6.3.2 Converged Data Traffic a New Challenge
 - 6.3.3 A Need for Dynamic Networking Is Growing
 - 6.3.4 Scalability Is a New Challenge For IT Teams
 - 6.3.5 Lack of Flexible Hardware at Peak Times
 - 6.3.6 Increasing Network Utilization Need More NICs
 - 6.3.7 Evolution of Standards for Converging IT and Telecommunication Services
 - 6.3.8 Network Operators Look for Ease of Multivendor Purchase and Interoperability

List Of Figures

LIST OF FIGURES

- Figure 1: NFV Implemented and SDN Operated IoT Framework
- Figure 2: VNF Architecture for IoT Agnostic Network via NFV MANO
- Figure 3: IoT Dedicated Network Architecture
- Figure 4: IoT Dedicated Network Configuration with SDN and NFV Platform
- Figure 5: NFV supporting IoT Network for Smart Metering
- Figure 6: Synergies between SDN, Cloud, and NFV
- Figure 7: OSS/BSS in IoT Dedicated Networks
- Figure 8: IoT Traffic Control Use Case with NFV
- Figure 9: IoT Real Time Image Distribution Use Case with NFV
- Figure 10: NFV IoT Business Model
- Figure 11: Global IoT Driven NFV Market 2017 - 2022
- Figure 12: HPE Universal IoT Platform Solution Approach
- Figure 13: Huawei vMVNO Framework using NFV Technology
- Figure 14: Huawei Mushroom PaaS Platform for IoT App
- Figure 15: Juniper NFV Solution Architecture
- Figure 16: Etisalat NFV Architecture with Intel Corporation
- Figure 17: NEC vMVNO Solution Architecture
- Figure 18: NEC vEPC Solution Architecture
- Figure 19: NEC vCPE Solution Architecture
- Figure 20: NEC vHSS Solution Architecture
- Figure 21: Cisco Enterprise NFV Architecture
- Figure 22: VMware vCloud NFV Architecture
- Figure 23: Dell NFV Solution Architecture

List Of Tables

LIST OF TABLES

Table 1: NFV in IoT System Benefits

Table 2: Global IoT Driven NFV Market by Solution and Service 2017 - 2022

Table 3: Global IoT Driven NFV Market by Solution Type 2017 - 2022

Table 4: Global IoT Driven NFV Market by Service Type 2017 - 2022

Table 5: Global IoT Driven NFV Market by Industry Vertical 2017 - 2022

Table 6: Global IoT Driven NFV Market by Service Provider 2017 - 2022

Table 7: Global IoT Driven NFV Market by End User 2017 - 2022

Table 8: IoT Driven NFV Market in Region 2017 - 2022

Table 9: North America: IoT Driven NFV Market by Solutions vs. Services 2017 - 2022

Table 10: North America: IoT Driven NFV Market by Solution Type 2017 - 2022

Table 11: North America: IoT Driven NFV Market by Service Type 2017 - 2022

Table 12: North America: IoT Driven NFV Market by Industry Vertical 2017 - 2022

Table 13: North America: IoT Driven NFV Market by Service Provider 2017 - 2022

Table 14: North America: IoT Driven NFV Market by End User 2017 - 2022

Table 15: North America: IoT Driven NFV Market by Country 2017 - 2022

Table 16: APAC: IoT Driven NFV Market by Solution and Service 2017 - 2022

Table 17: APAC: IoT Driven NFV Market by Solution Type 2017 - 2022

Table 18: APAC: IoT Driven NFV Market by Service Type 2017 - 2022

Table 19: APAC: IoT Driven NFV Market by Industry Vertical 2017 - 2022

Table 20: APAC: IoT Driven NFV Market by Service Provider 2017 - 2022

Table 21: APAC: IoT Driven NFV Market by End User 2017 - 2022

Table 22: APAC: IoT Driven NFV Market by Country 2017 - 2022

Table 23: Europe: IoT Driven NFV Market by Solutions and Services 2017 - 2022

Table 24: Europe: IoT Driven NFV Market by Solution Type 2017 - 2022

Table 25: Europe: IoT Driven NFV Market by Service Type 2017 - 2022

Table 26: Europe: IoT Driven NFV Market by Industry Vertical 2017 - 2022

Table 27: Europe: IoT Driven NFV Market by Service Provider 2017 - 2022

Table 28: Europe: IoT Driven NFV Market by End User 2017 - 2022

Table 29: Europe: IoT Driven NFV Market by Country 2017 - 2022

Table 30: MEA: IoT Driven NFV Market by Solution and Service 2017 - 2022

Table 31: MEA: IoT Driven NFV Market by Solution Type 2017 - 2022

Table 32: MEA: IoT Driven NFV Market by Service Type 2017 - 2022

Table 33: MEA: IoT Driven NFV Market by Industry Vertical 2017 - 2022

Table 34: MEA: IoT Driven NFV Market by Service Provider 2017 - 2022

Table 35: MEA: IoT Driven NFV Market by End User 2017 - 2022

Table 36: MEA: IoT Driven NFV Market by Country 2017 - 2022

Table 37: Latin America: IoT Driven NFV Market by Solution and Service 2017 - 2022

Table 38: Latin America: IoT Driven NFV Market by Solution Type 2017 - 2022

Table 39: Latin America: IoT Driven NFV Market by Service Type 2017 - 2022

Table 40: Latin America: IoT Driven NFV Market by Industry Vertical 2017 - 2022

Table 41: Latin America: IoT Driven NFV Market by Service Provider 2017 - 2022

Table 42: Latin America: IoT Driven NFV Market by End User 2017 - 2022

Table 43: Latin America: IoT Driven NFV Market by Country 2017 - 2022

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