

# SDN/NFV technologies Market Analysis 2017 (By Segment, Key Players and Applications) and Forecasts To 2022

*SDN/NFV technologies: Technology,  
Competitor and Forecast 2016 – 2021*

PUNE, INDIA, May 23, 2017

/EINPresswire.com/ -- Summary

The hype cycle for software defined networking (SDN) and network function virtualization (NFV) has been long and steady. SDN separates control plane (network management) from data plane (traffic handling), allowing dynamic bandwidth, provisioned with quality of service levels. NFV replaces hardware with software apps able to operate in a compute environment, eliminating specialty WAN equipment and associated costs. The world's major network providers are trialing these technologies heavily to understand their benefits, both for themselves and for their business customers. They also seek to understand how, if they are not first-in, competitors with disruptive business models might try to use these emerging technologies against them.



GET SAMPLE REPORT @ <https://www.wiseguyreports.com/sample-request/388646-sdn-nfv-technologies-innovative-use-cases-and-operator-strategies>

## Key Findings

- The end goal for a fully software-driven and virtualized network is clear: dynamic, on-demand global fabrics where each application can order, set up and tear down services, performance and features as they are needed through automated API function calls. But the correct steps from the current state to this future end state are anything but clear.
- It may seem that operators based in Asia and North America have pioneered SDN/NFV, and that European operators (with notable exceptions such as Colt and Deutsche Telekom) are not as advanced. When it comes to customer-facing commercial service launches, this is partly true. But large operators realize the risks of misplaced technology bets and single vendor lock-in. A growing number use SDN/NFV internally; they are also exploring and trialing the technologies externally, to see what benefits they can bring to customers.

- SDN's on-demand bandwidth is capturing business from companies with seasonal variations, or with temporary needs. Many large enterprise IT departments however underscore the skills gap: they are not yet ready to embrace a fully dynamic, virtualized future.
- New [SDN/NFV technologies](#) need real-time monitoring and management control that includes dynamic portal presentation to let customers reconfigure services as well as real-time updated billing information.
- Besides SDN/NFV technologies, competitors should also keep a watchful eye on software defined WAN (SD-WAN) technologies, an adjacent category of services that is usually an intelligent overlay that threatens to commoditize underlying network resources.

## Synopsis

"SDN/NFV technologies: Innovative use cases and operator strategies" provides insights around the functional areas where network operators are clustering with SDN and NFV technologies – SDN in the access network, SDN in the core network, NFV centralized in the cloud, and NFV in distributed virtual CPE (vCPE). The report covers network provider motivations for each category of service, notes some of the network providers active in each space, and lists what related competitive areas and/or services might be threats to the business model. The report looks at case studies in each category: Level 3 SDN access, Telstra SDN in the core network, CenturyLink centralized NFV and Masergy vCPE. NTT Com and AT&T are among other iconic early adopters of SDN/NFV; all of these competitors are active in more than one of the four SDN/NFV categories we define.

The Report is structured as follows:

- Section 1: SDN in the access network
- Section 2: SDN in the core network
- Section 3: Centralized NFV
- Section 4: Virtual CPE
- Section 5: Key takeaways

## Reasons to Buy

- "SDN/NFV technologies: Innovative use cases and operator strategies" helps telecom executives develop a better understanding of the state of the SDN/NFV technologies and deployments, build proactive, profitable growth strategies built around SDN/NFV technologies and current and planned use cases included in this Report.
- The analysis of leading operators' SDN/NFV deployments and how they derive benefits for their business and their customers should enable local players or prospective market entrants to gain the insight they need to develop their SDN/NFV strategies and products and services they can deploy built around these technologies.
- This report identifies innovative SDN/NFV technology and monetization strategies from leading operators worldwide.
- The report is designed for an executive-level audience, boasting presentation quality that allows it to be turned into presentable material immediately.

Table of contents  
Table of exhibits  
Executive Summary  
Section 1: SDN in the access network  
Market view  
Implications  
Case study: Level 3 Communications  
Section 2: SDN in the core network  
Market view  
Implications  
Case study: Telstra  
Section 3: Centralized NFV  
Market view  
Implications  
Case study: CenturyLink  
Section 4: Virtual CPE  
Market view  
Implications  
Case study: Masergy  
Section 5: Key takeaways  
Appendices  
Acronyms and definitions  
...Continued

ACCESS REPORT @ <https://www.wiseguyreports.com/reports/388646-sdn-nfv-technologies-innovative-use-cases-and-operator-strategies> □

Get in touch:

LinkedIn: [www.linkedin.com/company/4828928](https://www.linkedin.com/company/4828928)

Twitter: <https://twitter.com/WiseGuyReports> □

Facebook: <https://www.facebook.com/Wiseguyreports-1009007869213183/?fref=ts>

Norah Trent

Wise Guy Consultants Pvt. Ltd.

+1 (339) 368 6938 (US)/+91 841 198 5042 (IND)

[email us here](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/382646644>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable

in today's world. Please see our Editorial Guidelines for more information.  
© 1995-2021 IPD Group, Inc. All Right Reserved.