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SDN and NFV Investments Can Save Service Providers Up to $32 Billion in Annual Capital Expenditure by 2020, Find New Report

Market Research Reports, Inc. has announced the addition of “The SDN, NFV & Network Virtualization Bible: 2015 - 2020” research report to their offering.

Lewes, DE -- (ReleaseWire) -- 11/18/2014 -- While the benefits of Software Defined Networking (SDN) and network virtualization are well known in the enterprise IT and data center world, both technologies also bring a hosts of benefits to the telecommunications service provider/carrier community. Not only can SDN and network virtualization help address the explosive capacity demand of mobile traffic, but they can also reduce the CapEx and OpEx burden faced by service providers to handle this demand by diminishing reliance on expensive proprietary hardware platforms. SDN and network virtualization solutions have been widely deployed in data center and enterprise environments, and many service provider deployments are already underway.

Network Functions Virtualization (NFV) is service provider led initiative aimed at virtualizing network components in a service provider network. While NFV is still a developing technology with its first set of specifications published in October 2013, many vendors have already developed commercial-grade solutions that align well with the NFV initiative.

Driven by the thriving ecosystem, Publisher Research estimates that the SDN, NFV and network virtualization market will account for nearly $10 Billion in 2014 alone. Despite barriers relating to standardization and co-existence with legacy networks, Publisher Research estimates further growth at a CAGR of nearly 37% over the next 5 years.

This report presents an in-depth assessment of the global SDN, NFV and network virtualization market. In addition to covering underlying technology, key market drivers, challenges, future roadmap, value chain analysis, use cases, deployment case studies, expert interviews, company profiles, product strategies and strategic recommendations, the report also presents comprehensive forecasts for the market from 2013 till 2020. Historical revenue figures for 2010 – 2012 are also presented. The forecasts and historical revenue figures are individually segmented for 3 individual submarkets, 2 user base categories, 7 use case categories, 6 geographical regions and 34 countries.

The report has the following key findings:

- Driven by the thriving ecosystem, Publisher Research estimates that the SDN, NFV and network virtualization market will account for nearly $10 Billion in 2015 alone. Publisher Research estimates further growth at a CAGR of nearly 37% over the next 5 years

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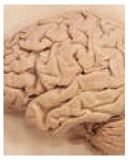
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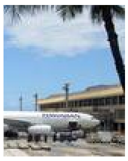
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Katey Sagal's closing

- Spending on SDN/NFV orchestration platforms is expected to grow at a CAGR of nearly 60% between 2015 and 2020. By the end of 2020, orchestration platforms will account for $1.7 Billion in revenue, representing more than 8% of all service provider SDN/NFV spending

- Although network virtualization in the enterprise IT and data center domain has received significant attention in the past years, service provider network virtualization is still at a nascent stage

- SDN and NFV empower a multitude of network functions to be implemented cost effectively in software, ranging from standard mobile IP Multimedia System (IMS) services to features such as Deep Packet Inspection (DPI)

- By 2017 we expect to see significant price and gross margin erosion for traditional hardware-based network switching equipment driven by alternative software based solutions

- By 2020 Publisher Research estimates that SDN and NFV can enable service providers (both wireline and wireless) to save up to $32 Billion in annual CapEx investments

Topics Covered:

The report covers the following topics:

- The scope and implementation of SDN, NFV and network virtualization across the globe

- SDN, NFV and network virtualization technology

- Market drivers and key benefits of SDN, NFV and network virtualization

- Challenges and inhibitors to the ecosystem

- Standardization and regulatory initiatives

- Use cases and application case studies of SDN and NFV

- SDN and NFV deployment case studies

- SDN and NFV induced service provider CapEx savings

- Value chain analysis of the ecosystem and the recognition of key players in each segment of the value chain

- Industry roadmap from 2014 till 2020

- Key trends in the ecosystem; SDN and NFV's impact on the network infrastructure value chain, the stance of incumbent vendors towards SDN and NFV, impact on the proprietary hardware market and co-existence with legacy networks

- Exclusive interview transcripts of 17 players in the ecosystem; Alvarion, Aricent, Arista Networks, Broadcomm, Connectem, ConteXtream, Extreme Networks, GENBAND, Mavenir, Netronome, Open Networking Foundation (ONF), Openwave Mobility, Pica8, Plexxi, Radisys, Spirent Communications and Tellabs

- Profiles and strategies of 122 key players in the ecosystem

- Strategic recommendations for silicon & server OEMs, network & mobile Infrastructure vendors, IT giants, pure-play SDN/NFV specialists, enterprises, data center operators and service providers

- Historical revenue figures and forecasts till 2020

Historical Revenue & Forecast Segmentation:

Market forecasts and historical revenue figures are provided for each of the following submarkets, user base and use case categories:

- Submarkets
- SDN Software & Hardware
- Non-NFV Network Virtualization Software
- NFV Software
- SDN Submarkets
- SDN Controller Hardware Appliances
- SDN Controller Software
- User Base Categories
- Service Providers
- Data Centers & Enterprises
- Service Provider Use Case Categories
- Radio Access Networks
- Mobile Core, EPC, IMS & Services
- OSS/BSS
- Data Center
- Mobile Backhaul
- Wireline Fixed Access Networks
- CPE/Home Environment

The following regional and country markets are also covered:

- Regional Markets

- Asia Pacific

- Eastern Europe

- Latin & Central America

- Middle East & Africa

- North America

- Western Europe

- Country Markets

- Argentina, Australia, Brazil, Canada, China, Czech Republic, Denmark, Finland, France, Germany, India, Indonesia, Israel, Italy, Japan, Malaysia, Mexico, Norway, Pakistan, Philippines, Poland, Qatar, Russia, Saudi Arabia, Singapore, South Africa, South Korea, Spain, Sweden, Taiwan, Thailand, UAE, UK and USA

- Additional forecasts are provided for:

- SDN and NFV Induced Service Provider CapEx Savings by Region

Key Questions Answered:

The report provides answers to the following key questions:

- What are the key market drivers and challenges for SDN, NFV and the wider network virtualization ecosystem?

- How can SDN and NFV complement each other?

- What are the key applications and use cases of SDN and NFV?

- How is the SDN, NFV and network virtualization value chain structured and how will it evolve overtime?

- What opportunities do SDN and NFV offer to silicon & server OEMs, network & mobile Infrastructure vendors, IT giants, pure-play SDN/NFV specialists, enterprises, data center operators and service providers and other players in the value chain?

- What strategies should these players adopt to capitalize on the SDN and NFV opportunity?

- How are SDN and NFV vendors positioning their product offerings?

- How big is the SDN, NFV and network virtualization ecosystem, and how much revenue will it generate in 2020?

- What particular submarkets does the ecosystem constitute?

- What geographical regions, countries and submarkets offer the greatest growth potential for SDN and NFV investments?

- Who are the key players in the SDN and NFV ecosystem and what are their strategies?

- How will SDN and NFV impact the network infrastructure value chain?

- Is there a ring leader in the SDN and NFV ecosystem?

- How long will service providers continue to utilize proprietary hardware platforms?

- How can SDN and NFV help make the Voice over LTE (VoLTE) and Rich Communication Services (RCS) business case work?

- How can software-defined Deep Packet Inspection (DPI) complement SDN functionality?

- What level of CapEx savings can SDN and NFV facilitate for service providers in each region?

Spanning over 391 pages and 84 Figures “The SDN, NFV & Network Virtualization Bible: 2015 - 2020” report Covering Introduction, An Overview of SDN, NFV & Network Virtualization, SDN/NFV Use Case Scenarios and Deployment Case Studies, Industry Roadmap and Value Chain, Standardization Bodies & Alliances, Expert Opinion, Company Profiles, Market Analysis & Forecasts, Conclusion & Strategic Recommendations. This report Covered 387 Companies Few are - 6connect, 6WIND, A10 Networks, Accedian Networks, Accton, ActionPacked Networks, Active Broadband Networks, ADARA Networks, ADTRAN, ADVA Optical Networking.

Know more about this report
http://www.marketresearchreports.com/signals-and-systems-telecom/sdn-nfv-network-virtualization-bible-2015-2020

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For more information on this press release visit: http://www.releasewire.com/press-releases/sdn-and-nfv-investments-can-save-service-providers-up-to-32-billion-in-annual-capital-expenditure-by-2020-find-new-report-562746.htm

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Amitava Sen
VP - Sales & Marketing
Market Research Reports, Inc
Telephone: 302-703-7787
Email: Click to Email Amitava Sen
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