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SDN, NFV & Network Virtualization Ecosystem Security Market to Grow at CAGR of 54% 2016 and Forecast to 2020

Global SDN, NFV & Network Virtualization Ecosystem Security Market 2016 Analysis and Forecasts to 2030

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Description

Wiseguyreports.Com Adds "SDN, NFV & Network Virtualization Ecosystem -Market Demand, Growth, Opportunities and analysis of Top Key Player Forecast to 2020" To Its Research Database.

While the advantages of SDN (Software Defined Networking) and network virtualization are well known in the enterprise IT and data center world, both technologies also bring a host of benefits to the telecommunications service provider community. Not only can these technologies 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. The recognition of these benefits has led to the emergence of the NFV (Network Functions Virtualization) concept that seeks to virtualize and effectively consolidate many service provider network elements onto multi-tenant industry-standard servers, switches and storage.

Mobile operators and internet service providers have already begun making SDN and NFV investments in a number of functional areas including but not limited to EPC/mobile core, IMS, policy control, CPE (Customer Premises Equipment), CDN (Content Delivery Network) and transport networks. SNS Research estimates that service provider SDN and NFV investments will grow at a CAGR of 54% between 2015 and 2020. As service providers seek to reduce costs and

virtualize their networks, these investments will eventually account for over $20 Billion in revenue by the end of 2020.

Report Details @ https://www.wiseguyreports.com/reports/233006-the-sdn-nfv-network-virtualization-ecosystem-2015-2030-opportunities-challenges-strategies-forecasts

The "SDN, NFV & Network Virtualization Ecosystem: 2015 – 2030 – Opportunities, Challenges, Strategies & Forecasts" report presents an in-depth assessment of the SDN, NFV and network virtualization ecosystem including enabling technologies, key trends, market drivers, challenges, use cases, deployment case studies, regulatory landscape, standardization, opportunities, future roadmap, value chain, ecosystem player profiles and strategies. The report also presents market size forecasts from 2015 till 2030. The forecasts are segmented for 10 submarkets, 2 user base categories, 9 use cases, 6 regions and 34 countries.

The report comes with an associated Excel datasheet suite covering quantitative data from all numeric forecasts presented in the report.Topics Covered
The report covers the following topics:
- SDN, NFV and network virtualization ecosystem
- Market drivers and barriers
- Enabling technologies, protocols, architecture and key trends
- Use cases, applicatons, PoC (Proof of Concept) and deployment case studies
- CapEx saving potential of SDN and NFV
- Orchestration and management platforms
- Regulatory landscape and standardization
- Industry roadmap and value chain
- Profiles and strategies of over 240 leading ecosystem players
- Strategic recommendations for ecosystem players
- Market analysis and forecasts from 2015 till 2030

Forecast Segmentation
Market forecasts are provided for each of the following submarkets, user base and use case categories:

Submarkets
- SDN Hardware & Software
- NFV Hardware & Software
- Other Network Virtualization Software

User Base Categories
- Service Providers
- Enterprises & Data Centers

NFV Submarkets

- Hardware Appliances
- Orchestration & Management Software
- VNF Software

Service Provider SDN Submarkets
- SDN-Enabled Hardware Appliances
- Orchestration & Management Software
- SDN Controller Software
- Network Applications Software

Enterprise & Data Center SDN Submarkets
- SDN-Enabled Hardware Appliances
- SDN-Enabled Virtual Switches
- SDN Controller Software

Service Provider Use Case Categories
- CDN
- CPE
- Data Center
- EPC/Mobile Core
- Fixed Access Networks
- IMS & VoLTE
- Policy, OSS & BSS
- RAN (Radio Access Network)
- Transport & Backhaul

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

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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, 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:
- How big is the SDN, NFV and network virtualization opportunity?
- What trends, challenges and barriers are influencing its growth?
- How is the ecosystem evolving by segment and region?
- What will the market size be in 2020 and at what rate will it grow?
- Which regions, submarkets and countries will see the highest percentage of growth?
- How are service provider led initiatives driving SDN and NFV investments?
- How does regulation impact the adoption of SDN and NFV centric networks?
- How can NFV make the VoLTE (Voice over LTE) business case work?
- How can software defined DPI (Deep Packet Inspection) complement SDN functionality?
- What level of CapEx savings can SDN and NFV facilitate for service providers?
- Do SDN and NFV pose a threat to traditional network infrastructure vendors?
- Who are the key market players and what are their strategies?
- Is there a ring leader in the SDN and NFV ecosystem?
- What strategies should enabling technology providers, network infrastructure vendors, mobile operators and other ecosystem players adopt to remain competitive?

Key Findings
The report has the following key findings:
- SNS Research estimates that service provider SDN and NFV investments will grow at a CAGR of 54% between 2015 and 2020, eventually accounting for over $20 Billion in revenue by the end of 2020.
- At present, virtualized EPC/mobile core, IMS and policy control platforms represent over 70% of all VNF (Virtual Network Function) software investments.
- Although the use of SDN is widespread in the enterprise and data center domain, service providers are only beginning to adopt the technology to programmatically manage their networks.
- Investments on orchestration platforms will account for nearly $2 Billion in revenue by the end of 2020, representing more than 9% of all service provider SDN and NFV spending.
- The growing adoption of SDN and NFV has created a natural opportunity for silicon and server Continued...

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