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# The SDN, NFV & Network Virtualization Ecosystem: 2017 – 2030 – Opportunities, Challenges, Strategies & Forecasts

https://marketpublishers.com/r/S21DB3ED718EN.html
Date: January 2018
Pages: 586
Price: US$ 2,500.00 (Single User License)
ID: S21DB3ED718EN

## Abstracts

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.

Service providers – both mobile and fixed-line – have already begun making significant investments in SDN and NFV across a number of use cases including but not limited to uCPE/vCPE, SD-WAN, vEPC, vIMS, Cloud RAN and vCDN. SNS Research estimates that service provider SDN and NFV investments will grow at a CAGR of approximately 45% between 2017 and 2020, eventually accounting for nearly $22 Billion in revenue by the end of 2020.

The “SDN, NFV & Network Virtualization Ecosystem: 2017 – 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 2017 till 2030. The forecasts are segmented for 10 submarkets, 2 user base categories, 9

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functional areas, 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.

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