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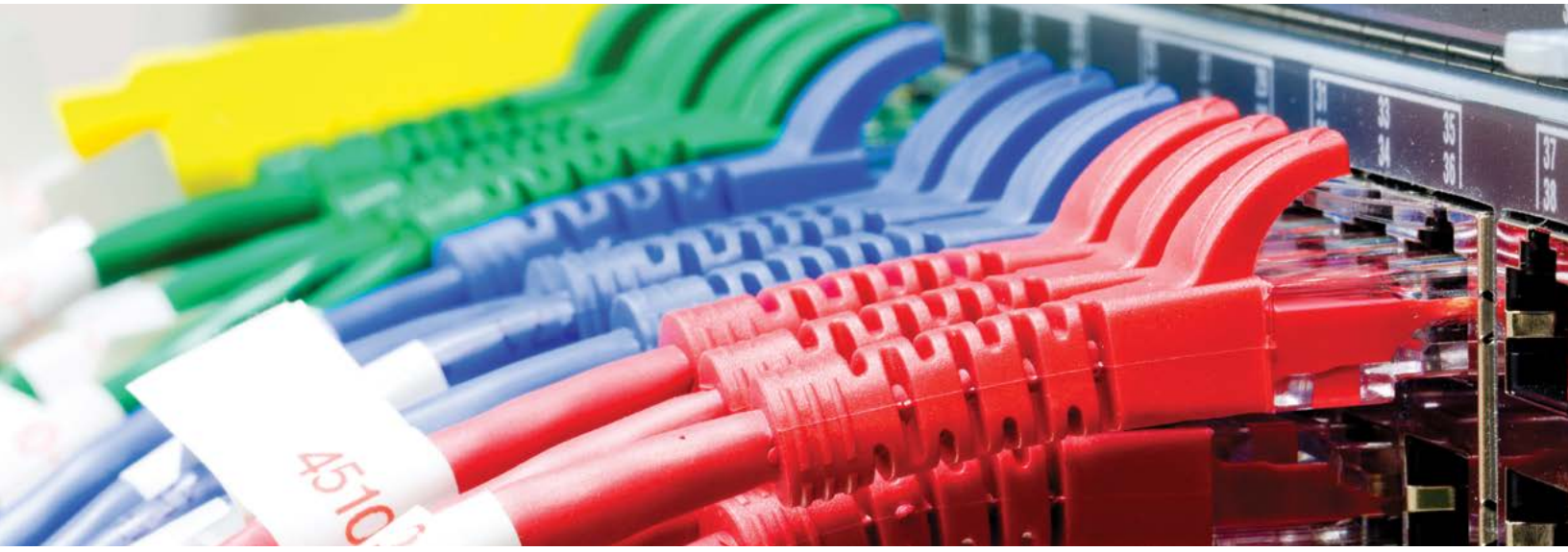
SOFTWARE-DEFINED NETWORKING (SDN) TO REVOLUTIONIZE COMMUNICATION AND NETWORKING

Software-defined networking (SDN) is the latest technology in the communication and networking space, where inventions have consistently propelled changes. SDN is being embraced by nearly all key players and is being touted as one of the most required components in building the enterprise of the future.

SDN primarily brings more programmability to otherwise inflexible networks. However, due to its disruptive nature, SDN faces some transitional challenges in adoption. Infosys Engineering Services offers an approach and solution that speeds up SDN adoption by endeavoring to alleviate most of these challenges.



Use cases across market segments and current challenges in SDN adoption

Enterprise

- Flexible network service usage (e.g., bandwidth) leading to optimal spend
- Accelerating network virtualization leading to capex gains

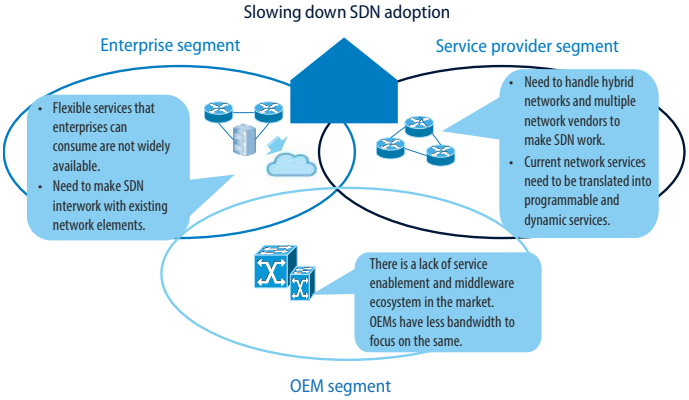
Service provider

- Deliver flexible and elastic services to enterprises and customers (e.g., application aware networking) leading to increased market share

OEM

- Programmable switching system – differentiation by software

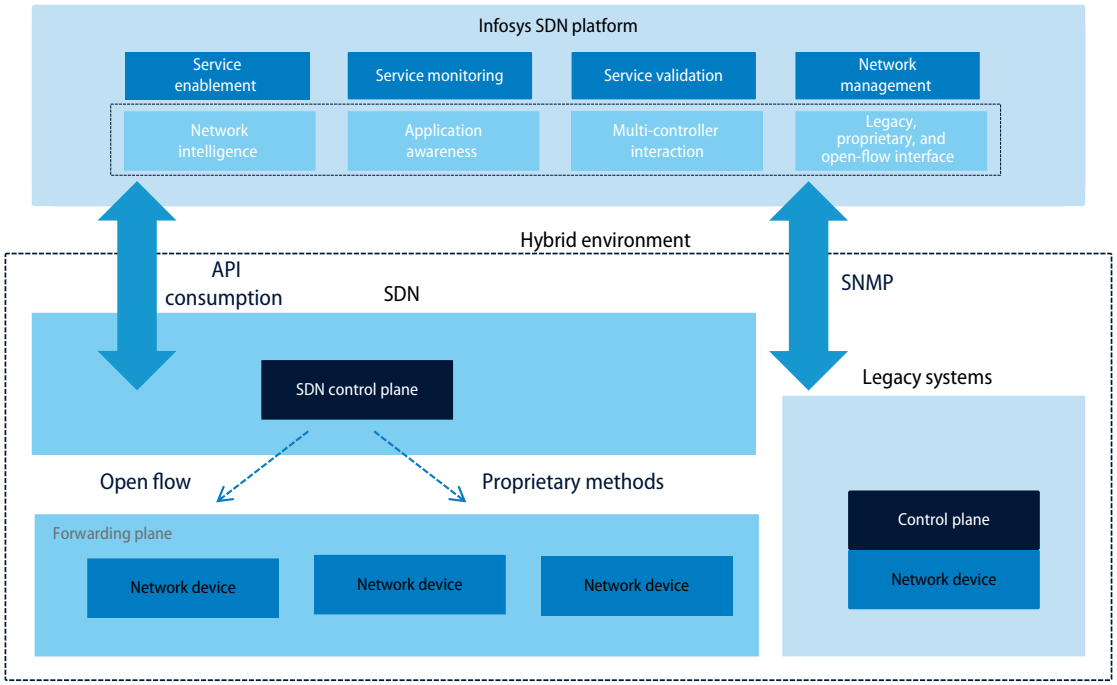
Segment-wise challenges for SDN, leading to cumulative slowdown, are primarily due to the non-existence of appropriate ecosystem and integration platforms



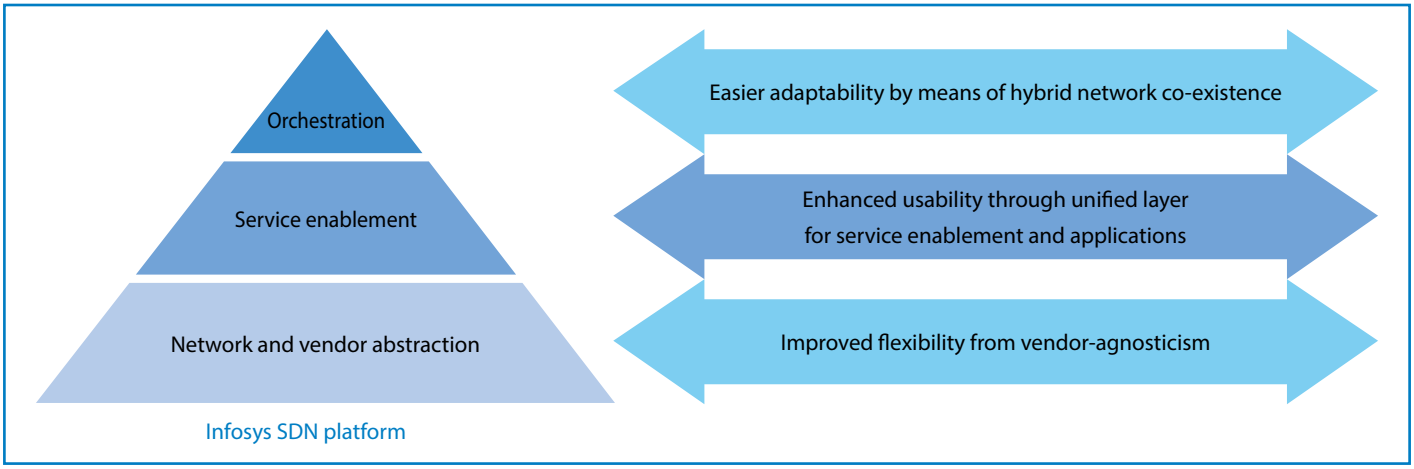
Infosys Point of View on the SDN ecosystem

Infosys believes that there needs to be a vendor-agnostic integration layer that integrates different SDN components. This layer should be capable of abstracting hybrid network elements and providing a uniform API interface towards the upper layers as well as north-bound systems such as OSS / BSS and NMS.

Infosys SDN solution – seamlessly integrating different components



Infosys value proposition - speeding up SDN adoption



For more information, contact askus@infosys.com

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