

Delivering Value. Together

Tech
Mahindra

LCC

LeadCom

ENABLING SDN & NFV TRANSFORMATION



Connected World.
Connected Solutions.

BUSINESS CHALLENGES

SDN and NFV are two key transformational technology paradigms that will help service providers to evolve their static networks into dynamic and agile networks. These technologies are in a stage of evolution and implementation is challenged by various factors such as

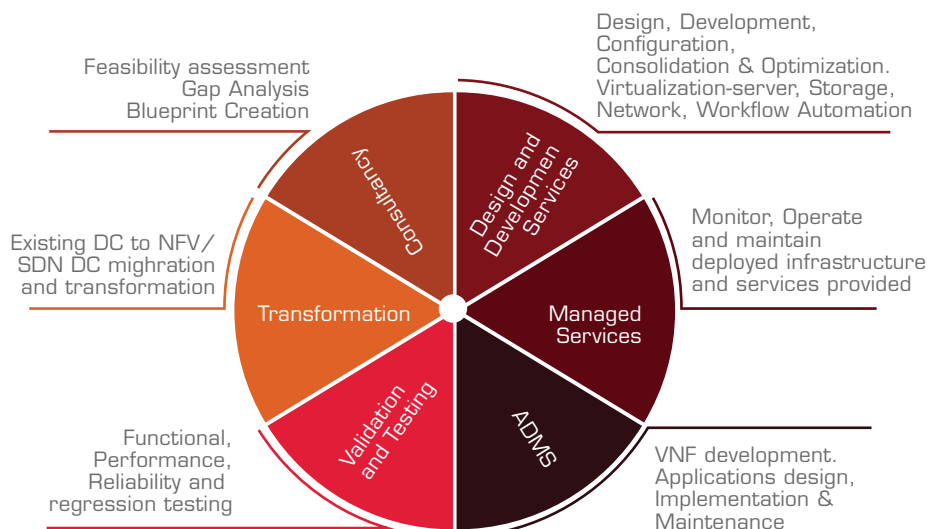
- Lack of standardization
- Right business model
- Vendor product maturity
- Integration with the physical world
- Need of Organizational and Operational changes
- Need of Open Environment to avoid Vendor lock-in

OUR SERVICES

We are a vendor agnostic System Integrator, who provides an unbiased view about the SDN/NFV transformation best suited for the customer. Our services are well supported by value-add frameworks and enablers that we have developed. With our experience & insights in network and IT operations, we can help service providers in addressing the operations transformation very well. Our engineering

and development expertise can help customers to transform their application to a virtualized environment.

Our Services includes consultancy and roadmap planning, lab activities, architecture, design and implementation, validation and verification, operations transformation, business process transformation and skill building.





BUSINESS BENEFITS

- 'Best of Class" solution suited for the customer's needs
- Customized approach for SDN & NFV transformation
- Ready to use Proof of Concepts
- Considerable Capex and Opex reduction
- End to end network and IT integration
- Holistic view of system transformation
- Business Process, B/OSS, Operations, Organizational changes

OUR ENABLERS

- Our understanding of the industry aspirations, trends and progression by virtue of our participation and contribution to standardization/ specifications activities.
- Vendor partnerships for solution development.
- In-house labs to experiment with open source and COTS components, to develop customised POC.
- Frameworks and tools to support the realization of customer requirements and POC.

SUCCESS STORIES

Tier 1 telecommunications service provider in USA

Tech Mahindra worked with the customer to set up a Network Virtualization platform and on-boarded various virtual network functions such as DNS, DHCP, RADIUS, and LDAP. Tech Mahindra conducted various Validation & Verification activities, such as Functional Testing, Protocol Compliance Testing, End to End testing, Deployment Testing, Performance & Capacity Benchmarking Testing under various deployment scenarios. This helped the customer to establish appropriate baseline to operate their network functions in a virtualized environment.

Large US wireless service provider

The customer's enterprise cloud uses proprietary APIs for accessing customer's platform capability. The customer wanted to standardize access to their IaaS Platforms. Tech Mahindra developed an adaptation layer to interwork between OpenStack and service provider's proprietary APIs in the form of an OpenStack API Gateway. This gateway has standardized access to their IaaS platform and thus helped in simplifying integration with the enterprise portals.

Tech Mahindra



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