

Software Defined Networking

Practice Offers

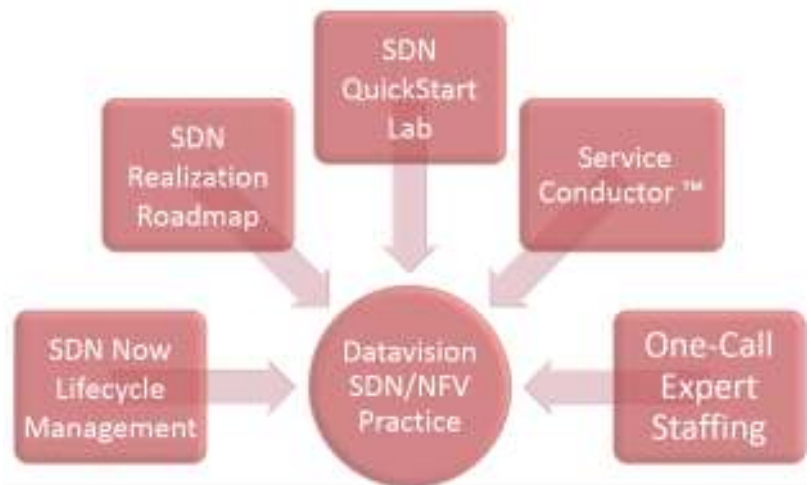
With Datavision's SDN practice offers, we help you navigate the complexities of implementing Software Defined Networking (SDN) into your network infrastructure. Our end-to-end approach ensures that you reduce your capital and operational expenses while enhancing your network with agility, scalability and speed. It covers every stage of the process, from defining your business objectives to post-implementation support.

SDN provides unprecedented programmability, automation and network control. By evolving beyond conventional hierarchical network structure, users get faster access, and network support teams are free to make changes in significantly less time than current approaches.

SDN also provides network agility, ensuring maximum throughput and the ability to centrally make changes to network elements to more quickly meet user demands. Network agility enables faster configuration changes without the need to manage on a device level, while providing the ability to quickly and easily adjust security protocols and enforce universal policy guidelines.

Datavision's SDN Practice Portfolio revolves around the following service offers, each of which is customized to address our client's specific business, networking infrastructure needs, budget and timeline:

- SDN Now Lifecycle Management
- SDN Realization Roadmap
- SDN Quickstart Lab
- Service Conductor™
- One-Call Expert Staffing



SDN Now Lifecycle Management

Assessment/ROI Analysis

With *SDN Now Lifecycle Management*, we start by identifying all use cases that present a valid reason to apply SDN and Network Functions Virtualization (NFV) to your existing infrastructure. A Proof-of-Concept (POC) is developed along with smaller initial projects to prove out the technology and methodically introduce it into the network. This can be followed by an SDN roadmap to help develop and implement a migration plan for a portion, or all of the network.

SDN Roadmap

Once the use cases are identified, the next step is designing a network solution architecture that addresses each relevant use case. And constructing a Proof-of-Concept scenario to validate and test the use case(s).

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SDN PRACTICE

Migration Planning

SDN implementation is an ongoing process, requiring a determination of how to integrate the technology while still leveraging your existing network investment. Datavision works with you to create a migration plan that allows you to seamlessly integrate SDN without disrupting your existing network.

Design And Architect

Datavision helps design and architect an SDN configured for your unique network requirements, using industry best practices developed by our experienced engineering team.

Deployment And Realization

As with any infrastructure build or upgrade, the deployment of SDN requires a detailed implementation plan with a timeline for specific phases of the deployment. The timeline should allow for the development of any new software applications in advance and plan for configuration and optimization of these applications with the deployment of the network.

Optimization

Cost reductions can vary across businesses, but the first goal should be to capture measurable savings on operational and infrastructure costs. Optimization of virtualized appliances is the key in lowering CapEx and OpEx. Datavision helps establish a clear set of metrics to measure cost savings. Ongoing measurement and analysis of these metrics helps guide the ongoing network optimization process.

Support

Training and support are key elements in adopting SDN-centric infrastructure, and we offer several avenues to deliver. Whether supplementing an existing IT team or providing full end-to-end staffing solutions, Datavision has the resources to be a valuable partner in helping to optimize your network and helping you realize the operational and financial benefits of SDN.



SDN Quickstart Lab

The POC stage is critical for the deployment of any new network technology. The POC is based on an identified use case that is highly controllable and is tightly bound. Datavision's *SDN QuickStart Lab* helps you develop a test environment that provides a place for you to test your uses cases and vendor selections in a real-life simulation. The POC is executed over a short time frame, typically 30 days, with the key objective to test and verify the functionality of the software and hardware components, and to prove out the use case.

We work with a variety of equipment and software partners to get a better view into SDN deployments in the service provider, data center and enterprise markets. This allows us to create a customized SDN solution for you and thoroughly test it with you before it ever goes live.

Service Conductor™

Datavision's Service Conductor™ helps automate the delivery of network services. No more taking weeks and months to launch complex network services. Service Conductor™ offers transform services delivery through the use of a model-based approach to element management and services orchestration.

Service Conductor™ provides multiple solutions for Network Operators and enterprise environments to enable Service Orchestration solutions in their networks. These end-to-end solutions make it easy to modify or expand a network while providing better scalability and bandwidth management.

One-Call Expert Staffing

Datavision One-Call Expert Staffing means just that — network professionals that are readily available to provide quick turnaround on your resource needs with a single call. Our One-Call Expert Staffing solutions help clients realize optimal network infrastructure design and performance while maintaining a competitive advantage through effective strategy, design and realization.