SOFTWARE-DEFINED WIDE AREA NETWORK SOLUTIONS

/ IMPROVE NETWORK PERFORMANCE, RESILIENCY AND UPTIME

NETWORK COMPLEXITY CREATES CHALLENGES FOR IT LEADERS

Enterprises have experienced a seismic shift in the complexity of their wide area networks. Employees rely on an increasing number of cloud-based applications, which gobble up bandwidth. They expect an environment that affords them an anytime, anywhere experience, which adds complexity, not to mention security risks. And with all these moving parts, very little room for error exists. Because when critical applications don't work well, productivity suffers.

While adding more bandwidth is the simple solution, budgets are stretched thin. IT leaders do their best to squeeze every ounce of performance out of existing networks, but with all these factors working against them, a new approach is really the only answer.

For the distributed enterprise, vendor management alone presents complexity and administrative headaches. IT leaders face creating a patchwork of local or regional providers or paying a premium for a national carrier who still may not cover every need or provide redundancy.

MAXIMIZE APPLICATION PERFORMANCE

Your applications are the lifeblood of your business. As more of them move to the cloud, the stability and performance of your WAN infrastructure becomes vital. In fact, 43% of IT professionals cite high latency in remote locations as one of their biggest WAN challenges.

A Nitel SD-WAN solution gives you the network you need to deliver the applications your users expect. Policy-based application routing allows you to dictate how your traffic flows based on more than just the destination of the data. You'll benefit from a finer level of control over your network traffic, ensuring the most important traffic receives the appropriate attention.

Gone are the days of having a primary and a backup circuit. Deploy redundant circuits at any of your locations and let the intelligence of your Nitel SD-WAN solution dictate, in real time, the best connection to use for every packet. The result is a more agile network that increases usable bandwidth and reduces jitter, latency, dropped packets and other factors that can affect the experience and productivity of your users.

MAKING A CASE FOR THE SOFTWARE-DEFINED NETWORK

The advent of software-defined networking has introduced a level of intelligence to the wide area network that improves application performance and security and provides data and analytics to enable smart decision making. It also allows businesses to make the most efficient use of the bandwidth they have, which means delivering a better- performing network without constantly adding more bandwidth.

While making the decision to deploy a software-defined network is a step in the right direction to manage the complexities of a distributed network, designing and deploying the right network for any business requires expertise and experience.

nitel

EXPECT MORE FROM YOUR SD-WAN SERVICE

Integrated Next-Generation Security and Unified Threat Management

Bulletproof your network from web-based threats with a next-generation managed SD-Security solution from Nitel. Safely enable your applications, users and content while reducing your threat footprint. With an integrated SD-Security solution from Nitel, you will secure your public and private cloud environments and extend the security platform to mobile users and devices.

Multi-Function Visibility and Analytics

Through an easy-to-use web portal, you have an on-demand view of all sites and devices, as well as performance metrics for every one of your applications. Integrated next-generation security subscribers will also have access to a full set of security metrics. Included fully integrated analytics provide real-time granular visibility into application performance, security and overall network health within the SD-WAN environment.

Multi-Vendor Connectivity

The key to unlocking the true power of SD-WAN lies in its ability to simultaneously use multiple network connections at each site. With the ability to deliver network services using over 1,100 last-mile vendors, Nitel is the only provider who can give you the best possible network options to fit your business at every location. Whether a location requires MPLS, dedicated Internet, cable broadband, DSL or even wireless connectivity, Nitel can design and deliver a network that maximizes performance, uptime and resiliency while leveraging the intelligence of SD-WAN.

Every Location Covered

Your business locations span the globe, so why should your network provider be any different? Let Nitel be your single source for SD-WAN services anywhere in the world.

HIGHLIGHTED FEATURES

- **Optimized Network Connections:**
  Whether a location calls for MPLS, DIA, cable broadband, DSL or wireless connectivity, Nitel is your single provider to deliver the best options to optimize performance, resiliency and uptime.

- **Dynamic Path Control:**
  Increase resiliency and performance by taking advantage of all connections at every location, all the time.

- **Policy-Based Application Forwarding and Routing:**
  Establish business rules to ensure priority handling of your most important traffic.

- **Integrated Next-Generation Firewall:**
  Enable application access and reduce your threat footprint with a fully integrated SD-Security solution.

- **Integrated Unified Threat Management:**
  Multi-layered anti-virus and anti-malware protection along with intrusion prevention and detection (IDS/IPS).

- **Visibility and Control:**
  Get real-time analytics and reporting on application performance as well as your security environment through a single web portal.

- **Separate Data Plane and Control Plane:**
  Supports fully meshed, hub and spoke, gateway or hybrid network design options.

- **Multi-Tenancy:**
  Segment user access rights by role, department, branch location, etc.

Smarter technology made **simple**