

Nutanix and Silver Peak

Nutanix delivers invisible infrastructure for next-generation enterprise computing, elevating IT to focus on the applications and services that power their business. By natively converging server and storage resources into the turnkey Xtreme Computing Platform that is easy to deploy and manage, Nutanix has helped large and small IT organizations simplify their datacenter and gain predictable performance, linear scalability, and cloud-like infrastructure consumption.

As the leader in building broadband and hybrid WANs, Silver Peak enables customers to flexibly and securely connect users to applications via the most cost-effective WAN connectivity available. With Silver Peak's solutions, customers can augment or replace MPLS networks with secure broadband connectivity, leveraging existing WAN investments while dramatically reducing ever-increasing WAN costs and complexity. Customers benefit from unprecedented levels of visibility, control and security over all traffic traversing the WAN, while improving application and network performance.

SOLUTION OVERVIEW

The combination of Nutanix and Silver Peak provides customers even faster ROI, greater flexibility and easier deployment of both data center and remote office/branch infrastructure. Available as a Nutanix-Ready virtual appliance, Silver Peak Unity EdgeConnect provides customers:

- Lower WAN costs by leveraging hybrid WANs (MPLS and broadband)
- Fast deployment of remote office locations – shrinking weeks to days
- Lower CAPEX and increased infrastructure utilization by running Silver Peak on the Nutanix platform, along with other branch office applications
- For locations with limited bandwidth or high latency, accelerated performance for file sharing, storage replication/backup, VDI and other applications with (optional) Unity EdgeConnect Boost

KEY BENEFITS

- Eliminate under-utilized infrastructure silos, using up to 80% less space and 50% lower CapEx.
- Up to 90% lower WAN OPEX by leveraging broadband vs MPLS
- Faster remote office deployment - reduce months to weeks or days
- Securely connect and accelerate remote office applications
- Enhance visibility to enterprise and SaaS applications
- Lower CAPEX & OPEX with Silver Peak software and other remote office applications running on Nutanix

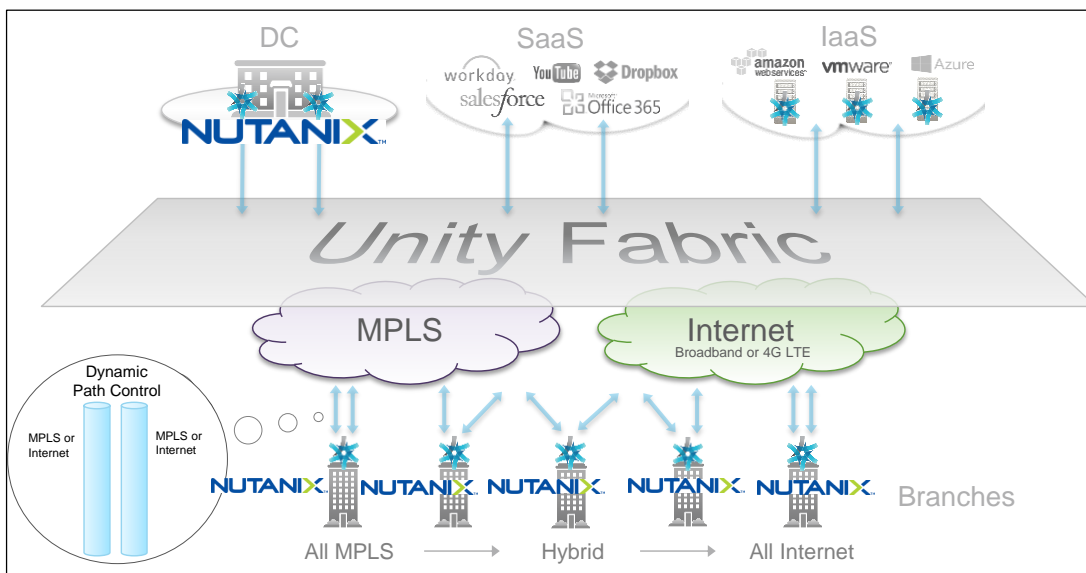
TECHNICAL DETAILS

Nutanix solutions natively converge server and storage resources into a single, 100% software-defined appliance that comes ready to run all enterprise applications, at any scale. Built on a distributed web-scale architecture, a single Nutanix hyper-converged appliance can simultaneously run many workloads, including Silver Peak Unity Edge Connect virtual appliances. Silver Peak Unity EdgeConnect, when deployed on the Nutanix platform, provides the following capabilities:

- **Dynamic Path Control (DPC)** – real-time traffic steering over any broadband or MPLS link based on company-defined business intent policies. In the event of an outage, DPC automatically fails-over to the secondary connection in about one second.
- **WAN Hardening** – data is secured edge-to-edge via 256-bit AES encrypted tunnels. No unauthorized outside traffic is allowed to enter the branch. It secures branch offices without the appliance sprawl and operating costs of deploying dedicated firewalls.
- **Path Conditioning** - overcomes the adverse effects of dropped and out-of-order packets that are common with broadband Internet and MPLS connections. Path Conditioning provides private-line-like performance over the public Internet.

In customer environments with limited bandwidth or higher latency, Unity Edge Connect Boost provides performance enhancements for remote office applications including:

- **Latency Mitigation** – TCP and other protocol acceleration techniques minimize the effects of latency on application performance and significantly improve application response time across the WAN.
- **Data Reduction** - WAN compression and deduplication eliminating the repetitive transmission of duplicate data. Silver Peak software inspects WAN traffic at the byte level and stores content in local data stores. Advanced finger-printing techniques recognize repetitive patterns for local delivery. Data Reduction can be applied to all IP-based protocols, including TCP and UDP.



TECHNICAL RESOURCES

Silver Peak technical architecture and quick start guides for deployment on a range of hypervisor environments are available here: <http://www.silver-peak.com/support/user-documentation>

NUTANIX READY

Silver Peak VX, VRX WAN Optimization solutions and Silver Peak Unity EdgeConnect solutions have been certified as Nutanix Ready – Networking and Security. Silver Peak supports all major hypervisors on Nutanix including Nutanix Hypervisor, Microsoft Hyper-V and VMWare vSphere.



GET STARTED

Nutanix and Silver Peak are committed to our customers' success. To find out more about Silver Peak WAN solutions, please visit:

<http://www.silver-peak.com>



About Nutanix

Nutanix delivers invisible infrastructure for next-generation enterprise computing, elevating IT to focus on the applications and services that power their business. Using Nutanix, customers benefit from predictable performance, linear scalability and cloud-like infrastructure consumption. Learn more at www.nutanix.com or follow up on Twitter @nutanix.

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