



# Financial software leader boosts efficiency and productivity with business-driven SD-WAN across global sites and cloud

## Company accelerates application access and collaboration with Unity EdgeConnect SD-WAN Edge Platform and Unity Boost WAN optimization

To extend its leadership in the digital age, this leading financial software developer has embraced a cloud-first strategy that not only enables its global workforce to maximize productivity and efficiency, but also provides customers with ubiquitous access to its ever-growing portfolio of cloud-based products and services. The company's focus on cloud is key to its global mission, which requires scaling the business quickly. Therefore, managing a private

data center, as it did for years, was simply not an efficient way to scale.

Transforming the enterprise IT infrastructure to 100 percent cloud required a fresh look at the wide-area network (WAN). The company traditionally relied on MPLS circuits to connect its 20-plus global locations to two U.S.-based company-managed data centers. All ingress and egress, including internet traffic, passed through those central data centers.

FINANCIAL SOFTWARE  
COMPANY



HIGHER STAFF  
PRODUCTIVITY



98% FASTER FILE  
DOWNLOADS



100% NETWORK  
UPTIME

The company's chief architect remarks, "Having our workforce spread across global locations coming all the way to the U.S. and then out to the cloud or internet was negatively affecting application performance, the end-user experience, and employee productivity."



**In some instances SaaS performance was inadequate for our global users. That led us to make design changes where now that SaaS traffic rides over the Silver Peak SD-WAN to benefit from Boost WAN optimization. That was a game-changer for employees."**

— Chief Architect, Leading Financial Software Company

## Transforming global connectivity with SD-WAN

The chief architect and his team took a fresh look at the WAN, asking key questions. Why not provide each location with local access to the cloud and internet? In fact, with the availability of reliable enterprise-class internet, why not also move away from MPLS and gain more flexibility with less cost? The answers were obvious, and the team decided to introduce SD-WAN.

The company's network engineering team conducted extensive SD-WAN proof-of-concept testing with several SD-WAN vendors, including Silver Peak. Based on the data gathered on each vendor's offering, the team decided to select Silver Peak.

The chief architect explains, "Silver Peak was the clear winner over other vendors. Sometimes we'll receive notice of a new branch opening at the end of the month. With Silver Peak, that's no problem. We just put in the EdgeConnect appliance, push out the configuration using zero-touch provisioning, and we are up and running in a matter of minutes. As an SD-WAN partner, Silver Peak was also very customer-focused."

The financial software company deployed the Silver Peak [Unity EdgeConnect™](#) SD-WAN Edge Platform at all of the company's global locations, many of them in high-availability configurations. Using the [Unity Orchestrator™](#) management interface, a company engineer located in the U.S. then uploaded a configuration template and pushed the configurations out to the remote EdgeConnect appliance at each site.

"With the centralized Orchestrator, once you build the profile, deployment of the EdgeConnect appliance is plug and play," the chief architect notes.



## Improves network uptime and application performance

The EdgeConnect platform is terminated with dual bonded commercial internet circuits at each location. With sub-millisecond failover between the two internet circuits, the chief architect reports that the

company has enjoyed almost 100 percent network uptime and has decommissioned MPLS entirely from its network.

Now, employees collaborating directly between locations or accessing applications in the cloud—AWS infrastructure as a service—are routed across the SD-WAN, which optimizes traffic using capabilities such as [path conditioning](#), quality of service, and [dynamic path control](#) to assure application performance, network uptime, and end-user quality of experience. Using Orchestrator, the chief architect also configured business intent overlays for different application classes, such as the developer tool, GitHub, and other applications, such as LANDESK for IT systems management. In this way, each class of application is afforded the network resources needed according to its business priority.

## Unified WAN optimization proves a game-changer

A critical part of the company's SD-WAN solution is the optional [Unity Boost™](#) WAN optimization, which the infrastructure team implemented with the EdgeConnect platform. For example, by applying Boost to applications such as GitHub, developers can download large files dramatically faster. According to the chief architect, a 4 GB file that took 10–15 minutes

to download using only the available bandwidth on the internet links now downloads in a minute or two using Boost. In campus environments where multiple people may require the same file, Boost WAN caching serves up the file nearly instantly with no need for repeated downloading.

In addition, the chief architect also applies Boost to certain SaaS applications. He explains, "In some instances SaaS performance was inadequate for our global users, and we saw they would benefit from Boost WAN optimization. That was a game-changer for employees."

The chief architect concludes, "We want to empower employees with the right tools and technology. The Silver Peak SD-WAN with Boost has meant a significant improvement in the quality of experience for our employees, and their ability to be productive."

For more information on Silver Peak and our solutions, please visit: [silver-peak.com](http://silver-peak.com)



## Customer

This global financial platform company develops and markets products designed for consumers and small business owners to manage their finances using cloud-based solutions.

## Challenge

The company transformed to running its business nearly 100 percent in a cloud infrastructure, which required a fresh look at its WAN. Traditionally, the company relied on MPLS to connect its 20-plus global locations to central data centers in the U.S. However, this created bottlenecks for cloud-designed traffic and inefficiencies for point-to-point collaboration.

## Solution

After conducting an intensive evaluation of SD-WAN vendors, the company selected the Silver Peak EdgeConnect SD-WAN edge platform with unified Boost WAN optimization. The EdgeConnect platform is deployed at all of its global locations, many in high-availability configurations, each site terminated with dual bonded commercial broadband links. The company has since eliminated MPLS from its network. Boost is applied to accelerate downloading large files and improve performance of select SaaS applications. The company uses Orchestrator to configure business intent overlays and centrally manage the global SD-WAN.

## Results

- Optimizes performance and reliability of application traffic traversing from point to point and into the cloud
- Assures 100 percent network uptime for accessing critical cloud applications and enabling collaboration among global teams
- Elevates quality of end-user experience, improving job satisfaction and enabling higher productivity
- Accelerates large file downloads from one hour to one minute with Boost WAN optimization
- Delivers game-changing performance for key SaaS applications, empowering employees with the tools they need to run the business



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