



Case Study

Industry: Information Technology Solution Provider

Challenges:

- Business model needs to be able to transfer a lot of data, link saturation is an issue
- When an ISP link fails, the business impact is significant enough to cause productivity losses
- VPN connections for mobile users are critical, many employees work from remote or customer sites
- Site-to-site VPN tunnels between locations are also critical to ensure proper operations

Solution:

- Elfiq LB-1100E and LB-1000 units provide the ability to manage the required ISPs for each location
- SitePathMTPX technology is used for site-to-site VPN tunnels for performance and resilience
- SitePathMTPX also complements Citrix WANScaler WAN accelerators already in place
- Incremental bandwidth has been added, low-cost providers are used and more can be added easily in the future to meet new bandwidth requirements
- Traffic segmentation and QoS have been implemented to optimize traffic

Benefits:

- Bandwidth is readily available for applications and users, enabling faster response times for their customers
- Being an Elfiq Networks partner, Victrix is able to demonstrate how this solution is used to proactively manage bandwidth, reduce costs and minimize productivity losses
- SitePathMTPX proactively manages bandwidth with MTPX bandwidth virtualization technology, significantly improving site-to-site VPN throughput by combining multiple links into one and should a link fail, the VPN tunnel is not affected or renegotiated

“ Not only are we recommending and installing Elfiq’s Link Balancers for our customers in various verticals, but we also use them internally because they deliver incredible value. With their SitePathMTPX technology, we are more productive and our VPNs are amazingly fast. Should a link drop, we don’t even feel it, I wish all technology vendors would be like Elfiq.”

Jean Mathieu
Chief Technology Officer
Victrix Solutions

Overview

Born from the passionate ambitions of its technology collaborators, Victrix is a high-level consulting firm that has provided an alternative to traditional services available in the market since 2003. Victrix has three offices interconnected through VPNs and has over 120 employees working remotely at customer sites, making bandwidth and connectivity crucial.

Challenges

Being a solution provider, Victrix consumes a lot of bandwidth to support its internal operations and testing environments. Combined with a mobile workforce and multiple offices, link saturation was a major concern which needed to be addressed rapidly.

Similarly, when ISP links became unavailable, Victrix’s ability to conduct business was impaired since it depended on Internet access. Productivity losses associated with this type of issue were significant and needed to be addressed.



Case Study

Solution

Victrix chose to implement Elfiq Link Balancers at each of its three locations to meet and exceed its bandwidth needs.

Two LB-1000s and one LB-1100E were installed, and the two main sites also have Citrix WANScaler deployed.

Additional bandwidth was acquired to maximize the project and meet the growing needs of employees and internal applications. Low-cost links such as cable modems and DSL lines were deployed to complement existing fiber links, providing bandwidth technology diversification and performance.

As part of the project, SitePathMTPX was deployed to improve the performance and resilience of site-to-site VPNs. SitePathMTPX's bandwidth virtualization helps create large links from multiple ISP links. Should one link fail, the VPN is not impacted at all, the tunnel does not need to be renegotiated.

Benefits

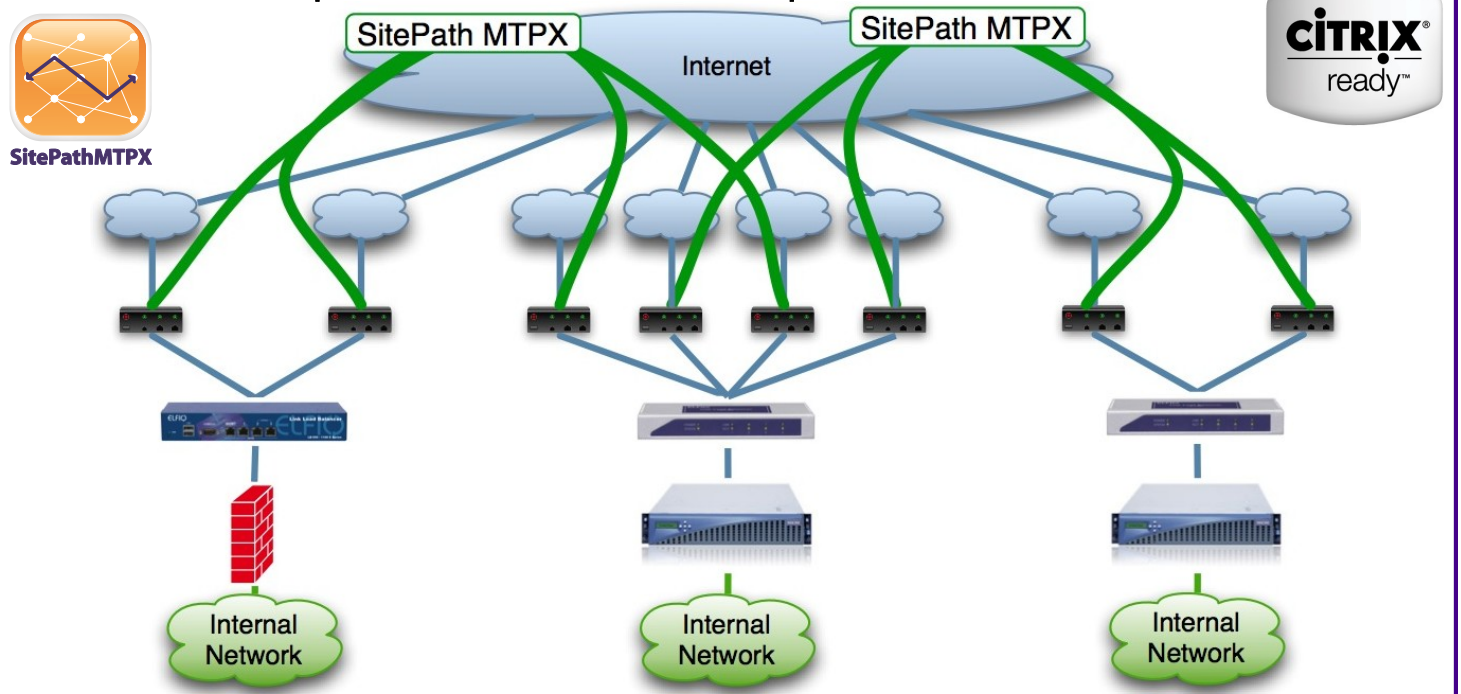
The Elfiq implementation enabled Victrix to maximize its bandwidth use; users and applications now experience much improved network and VPN performance.

Issues of link saturation are now a memory, thanks to Elfiq's traffic segmentation and quality of service (QoS) combined with additional ISP links that provide intelligence to bandwidth management. When an ISP link is unavailable, another link is utilized for failover and continuity since different providers utilizing different carrier technologies and network have been selected.

SitePathMTPX has been implemented and has helped keep the site-to-site VPNs active at all times, even when a link is not available. The MTPX algorithm enables all links to be used at the same time to transmit data, maximizing resources and providing incremental speed which was not available prior to this implementation.

Victrix can also demonstrate its infrastructure to customers, providing expertise and resolution to real life problems.

Overview of Victrix's Elfiq Link Balancer with SitePathMTPX Implementation



To learn more about how Elfiq Networks can help your organization maximize its IT infrastructure please contact us at: sales@elfiq.com • www.elfiq.com • 888-GO-ELFIQ • (+1) 514-667-0611