

## Reliable VPN Load Balancing Across Multiple Locations with Peplink Balance

Enhance VPN Reliability and Bandwidth across Offices and Branches

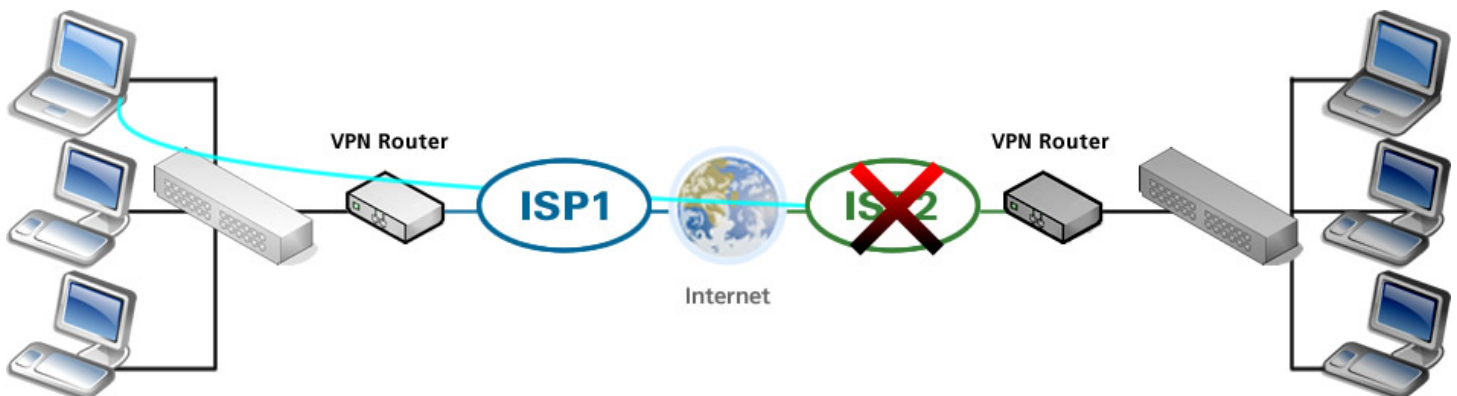
### Overview

VPN is a must for companies with multiple branch offices. Sharing of documents, access to CRM/ERP systems, uploading sales figures, and performing backups are just some of the common uses of VPN. While traditional Internet-based VPNs can be easily set up, they are vulnerable to a host of different problems.

### Context and Challenges

- VPN interruption

Since VPN is based on Internet connectivity, a regular VPN connection will fail when Internet connection breaks in either location. This is the most common problem and causes frequent unexpected downtime.



*In a typical VPN setup, failing Internet connection will block VPN traffic from reaching another site.*

- Expensive

Business relies on expensive dedicated Internet lines to improve the VPN reliability only with fair results. Some business grade routers does not have VPN capacity built in and therefore requires extra firewall or dedicated VPN devices. These costs add up significantly as the business is expanding to additional locations.

- The Need for Speed

Since a VPN is set up over the Internet, it has to share the same bandwidth with other

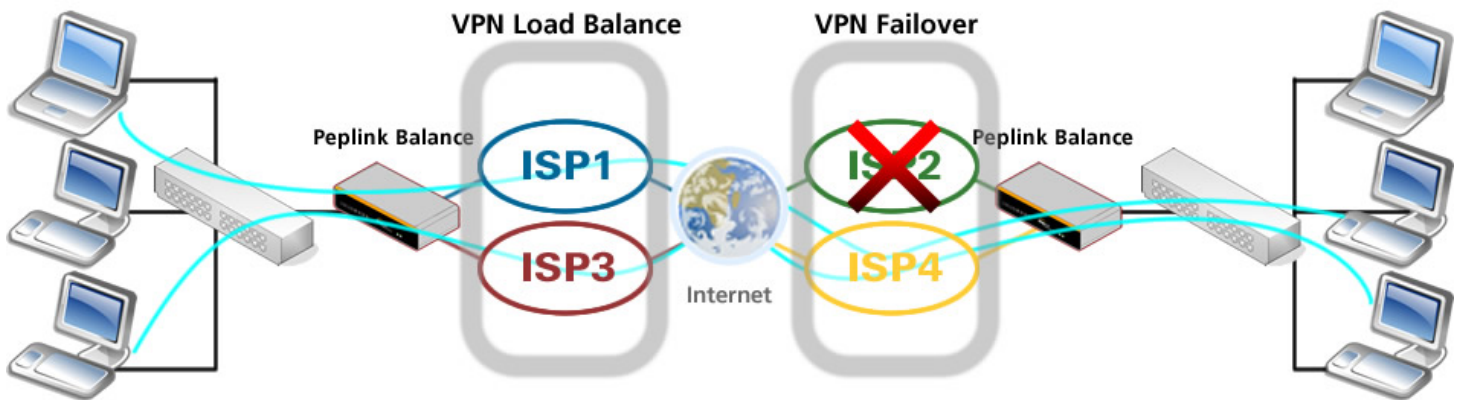
Internet applications such as web browsing, email, and VoIP. VPN speed therefore fluctuates when the network is under heavy load.

## The Solution: Peplink Balance VPN Load Balancing and Failover Technology



### Reliable VPN for multiple locations

Unlike traditional VPN technologies, Peplink's technology establishes and load-balances VPN traffic among multiple connections. Encrypted with 256-bit AES, the VPN Load Balancing feature allows businesses to connect to multiple locations with military-grade protection. When an Internet connection fails, the VPN failover feature will dynamically switch traffic over to the active connections, maintaining uninterrupted VPN service.



*With Peplink Balance VPN Load Balancing Technology, the load balancing feature will distribute VPN traffic across Internet connections, whereas failover feature will maintain the VPN connection when one of the Internet connections fails.*

### Better Performance

Peplink Balance's outbound traffic management feature allows you to prioritize network traffic. VPN traffic will have a higher priority and will perform optimally even under heavy network load.

## Cost Saving

The increased reliability, as provided by the failover feature, will allow businesses to switch from expensive leased lines (such as T1, MPLS) to a combination of DSL or Cable. With the VPN functionality built in, business can create a VPN network across multiple locations without the need of extra devices. Peplink offers a full line-up with different capacity, giving you the flexibility to choose the right devices for various types of business locations.

## Conclusion

Peplink VPN Load balancing technology will help businesses to eliminate VPN interruptions, create a reliable VPN for multiple locations, enhance performance and also save costs, helping businesses to deploy centralized applications.

