



Netximizer™

Internet **A**nytime
nywhere
nyhow

What does Internet Continuity means to you?

There is no denying: the internet has become the single most important aspect of business life. Most if not all businesses use it and depend on it (apart from your road-side food stalls maybe). While most organisations may be concerned with the performance of their hardware, network settings and data safety, very little attention is paid to the internet connectivity.

Internet continuity is the ability to continuously connect to the internet. This may not always be as easy as it sounds as the country is divided by the ISPs in terms of coverage. You could sign up with more than one Telco and go for "load balancing". However, you may end up with an unbalanced (under utilized) usage, and this again does not ensure internet continuity. It is important to remember here that your working speed is not determined by the hardware, but by the internet connection. Current computers can process data faster than internet connections can feed the input.



Dynamic IP VPN for Site to Site



Netximizer™ is designed to support in many type of environment such as HQ and multiple Branches.

- ensures the continuity via combining multiple tunnels between site to site.
- ensures the tunnel is secured all the time from end-to-end.

Cloud

Business on Cloud may sound worry from customers due to Connectivity & Security. Netximizer™ does ensure to at least have few tunnels connect to Cloud Service Provider and if allow with encryption provided.

Hence, customer would have a secured & encrypted tunnel to have data transmission between Cloud Service Provider and themselves.



Reduce MPLS Workload



Many of the MNC companies are paying huge amount of MPLS network globally and having a passive backup link. There is some MNC policy where all the remote sites has to route all traffic to centralized Proxy Server for Traffic Management. However, this doesn't avoid the unwanted traffic went into MPLS network and cause the congestion.

Alternatively, why not let Netximizer™ to reduce the MPLS workload by routing less important traffic through IPVPN to the proxy server.

Mobility

With the advent of 3G, 4G & LTE (Long Term Evolution), a new paradigm emerged. Now the internet is no longer cable bound, but it is "all around us", it is in the air. By combining multiple Wireless network to speed up the connection and also enhance the security over the air.

As far as is Wireless, you would able to deploy in many scenarios such as Mobile Office, Mobile CCTV Live Streaming, Mobile ATM, Mobile WIFI, and so on.



Reliable Connectivity

Automated Link Failover

Netximizer™ constantly monitors the status of each link and automatically routes traffic down the remaining active links in the event of a link failure. Even though the network congestion occurs on the internet connections, Netximizer™ is still able to find and take the responsive WAN links. For Site-to-site VPN networks and MPLS networks, Netximizer™ is able to continuously and instantly detect a point-to-point failure and automatically re-route the VPN traffic down the remaining active VPN tunnel in few seconds upon link failure detection. It assures the continuous connectivity for business with Internet and Intranet in every situation.



Optimize the Connectivity & Performance

Intelligent WAN Load Balancing

Netximizer™ intelligently finds and takes the most responsive and least-loaded link to speed up the application delivery. It precisely dispatches the connections across the links on demands so as to fully utilize the bandwidth resource. Enterprises benefit from faster connectivity performance as the best performing and least-loaded links are always selected when requests come up.

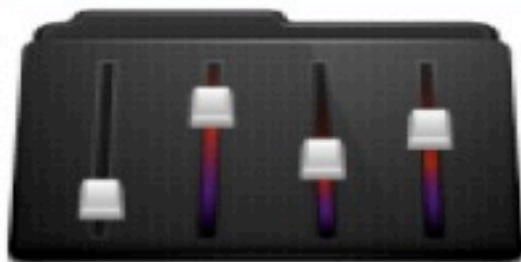
VPN Bonding

For the distributed networks, large files and applications such as VoIP and Video Conferencing are frequently used between headquarter and branch offices. Therefore, it requires high level of bandwidth capacity and instant high speed Intranet.

Unlike traditional VPN technology, Netximizer™ VPN Bonding maximizes the Intranet bandwidth by efficiently bonding multiple channels at each location. It works on static IP, dynamic IP, and even private IP. It is fully compatible with customers' existing VPN networks.



Efficient Bandwidth Utilization



Bandwidth Management

The Policy-based QoS gives you power to make bandwidth utilization more efficiently with allocated bandwidth and assigned priority. You are able to solve network congestion by identifying and restricting bandwidth to recreational applications. Based on the defined policies, the performance of mission-critical applications is assured by designating and assigning minimum guaranteed bandwidth. The policy-based QoS granularly controls network traffic based on IP Subnet, Port, Protocol, URL, Application, QoS Object, and Schedule. The granular control of link bandwidth utilization over multiple WAN connection results in an improved client experience, more efficient WAN link administration, and improved productivity.

Lower Bandwidth Consumption

Multi-Link Data Compression

Netximizer™ Compression increases network capacity up to three times by compressing traffic over WAN links. It brings substantial cost savings immediately to customers by significantly reducing bandwidth consumption without compromising the quality of Internet connections.



Web Proxy

The Netximizer™ Web Proxy allows business to reduce bandwidth consumption through content caching. Users enjoy faster download speed with frequently-used content cached locally. It helps business avoid spending large amounts of money on upgrading WAN links in order to cope with ever-demanding bandwidth growth.

Multihoming Networks

Inbound Load Balancing

The servers hosted internally, which serve numerous incoming requests via Internet connections, are often important to enterprises operations. The outage on Internet connections could cause major issues to business. By applying Netximizer™ as an authoritative DNS for the domain, the requests from external clients to internal servers are distributed across the active and least-loaded links. You can direct traffic over the best path without purchasing high-end routers, coordinating with ISPs, or obtaining specialized staff to run BGP. This eliminates the deployment barriers and reduces cost of using BGP for multihoming networks. In addition, it guarantees the accessibility and improves the performance for the internal servers.