

### Improving Performance & Reliability for SME Networks

Small to mid-size business networks need the same degree of bandwidth management and reliability as larger enterprises, without the complexity of BGP routing or the expense of multiple pieces of equipment. Now SME networks can obtain the same kind of performance improvements and redundancy with the EdgeXOS Unified Bandwidth Management (UBM) appliances. UBM is the ability to manage network bandwidth through multi-link connectivity, application QoS & rate-shaping, along with network visibility and the ability to extend this management to remote branch offices via our Site2Site VPN optimization.



- x Network Load Balancing**  
for SMB and enterprise locations
- x Automatic Link Redundancy**  
to prevent network downtime
- x Server Balancing & Failover**  
using our ActiveDNS module
- x Drop-In Installation**  
reduces implementation time
- x Intuitive Web Interface**  
ensures simplified management
- x Up & Running Guarantee**  
for full installation support
- x Multi-WAN Experts**  
our team is there for you,  
when you need them

#### Outbound Load Balancing & Redundancy

These platforms deliver a level of multi-link control not found in any firewall or WAN failover solution. Through the use of our Vector Routing Algorithm and Best Path Routing the EdgeXOS platform is able to seamlessly balance network traffic across multiple WAN interfaces, and select the best path for critical remote networks, all while ensuring session persistence and reliable network connectivity.

#### Inbound Server Balancing & Failover

Unlike most failover only solutions, the EdgeXOS platform delivers both outbound and inbound server failover through the use of our ActiveDNS module, which is built-in to the appliance and thus requires no external service provider for dynamic DNS.

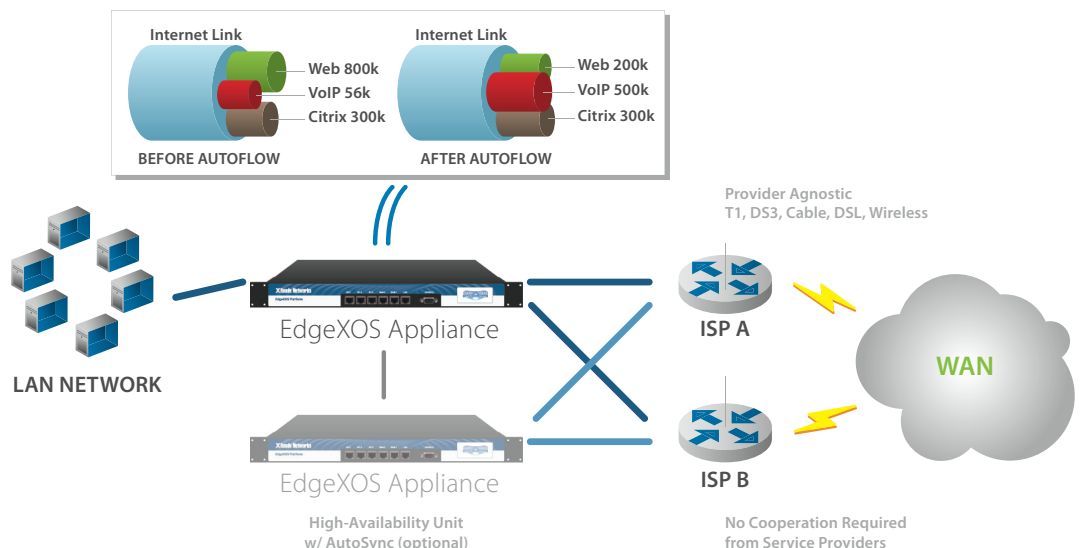
#### Unified Bandwidth Management

What makes the EdgeXOS unique is that it has leveraged its multi-link technology in order to deliver a better application QoS & Rate Shaping solution, along with drastically improved site-to-site VPN capability, and enhanced network monitoring and reporting capabilities.

#### A Truly Complete Bandwidth Management Solution

- x** Manage the amount of bandwidth resources available through the connection of multiple WAN interfaces.
- x** Manage and monitor the QoS and rates of various applications based on preference and end-user allocation.
- x** Manage and monitor the priority assigned to critical applications with bandwidth reservation and partitioning.
- x** Managed how each WAN link is used through the use of Best Path Routing and application routing policies.
- x** Manage remote site bandwidth and branch office connectivity through our MVLS tunnels and the ability to route and balance traffic across multiple tunnels on a per site basis.
- x** Manage end-user access to WAN resources through our Netsweeper web content filtering services and built-in firewall feature set.

The image to the right demonstrates the EdgeXOS platforms ability to combine two or more WAN links in order to increase the available bandwidth resources and improve reliability in the event of a link or ISP outage. The EdgeXOS is able to perform both outbound and inbound load balancing and failover. Our MOD (Multi-link outage detection module) is the most advanced outage detection system in the industry.



*Best-in-class  
bandwidth  
management,  
in an affordable,  
easy-to-manage  
appliance.*

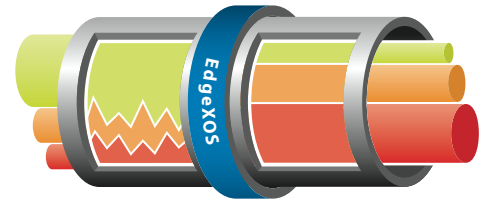
## Enhanced Capabilities

### Application QoS & Rate Shaping

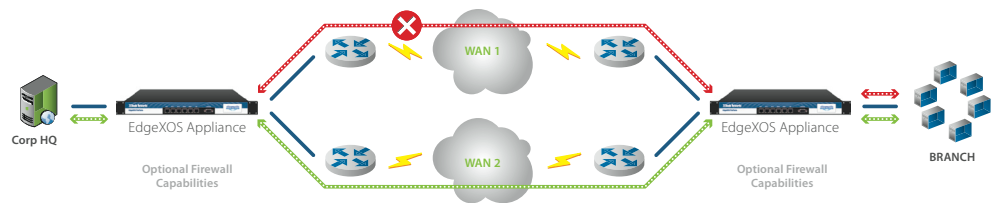
With the ability to dynamically assign bandwidth based on mission critical application usage, the EdgeXOS platform is the first to offer on-the-fly bandwidth reservation along with multi-link capabilities. Additionally, granular shaping policies can be created based on:

- ✕ IP Address / Network
- ✕ Application Type
- ✕ Source / Destination
- ✕ QoS Level

The EdgeXOS includes up to 12 levels of prioritization and 16 types of QoS/DiffServ settings.



- Recreational
- E-mail, FTP, etc.
- Critical Applications

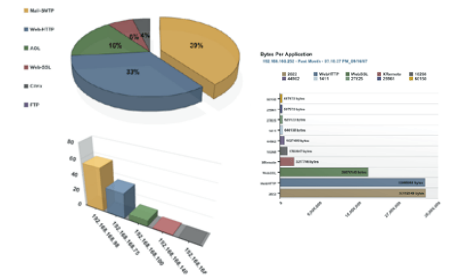


### Remote Site Bandwidth Control

Beyond local bandwidth management, the EdgeXOS platform extends an administrators control over remote networks and branch offices through the use of our MVLS tunnels. Our Site2Site Mesh VPN Link Sharing tunnels provide the ability to balance tunnel traffic across multiple WAN links, provide automated failover/failback for branch offices, and create application and routing policies to improve remote office performance.

### Real-Time Network Monitoring & Reporting

With a comprehensive network reporting architecture built-in to the EdgeXOS platform administrators can peer into their networks to see exactly who and what is using bandwidth resources (Top Users, Top Applications, Top Protocols, etc), and then use that information to create new shaping policies or determine when additional bandwidth may be required via additional WAN links.



## Top Features

### Network Load Balancing

- ✕ Flexible Network Integration
- ✕ MultiWAN Session Balancing
- ✕ Automatic Failover / Failback
- ✕ Vector Routing Algorithm™
- ✕ Best Path Routing™
- ✕ Inbound ActiveDNS™
- ✕ Multi-Link Outage Detection™
- ✕ Layer 2/3 Link Balancing
- ✕ Drop-In Transparent Mode

### Policy-Routing

- ✕ Full Session Persistence
- ✕ Enhanced Application Routing
- ✕ Intelligent QoS Routing
- ✕ Application Redirection

### Ease of Management

- ✕ Web-Based Graphical Interface
- ✕ SSH Command Line Interface

### QoS & Rate Shaping

- ✕ Dynamic Prioritization
- ✕ AutoFlow Reservation
- ✕ Policy-Based Shaping (12 Levels)
- ✕ Full Marking Support (16 Types)
- ✕ VoIP Bandwidth Guarantees

### 3D Graphical Reporting

- ✕ WAN Usage Reporting
- ✕ Application Usage Reporting

### MVLS

#### (Meshed VPN Link Sharing)

- ✕ Remote Office SSL VPNs
- ✕ VPN Tunnel Balancing
- ✕ VPN Tunnel Failover / Failback
- ✕ Application Routing & QoS
- ✕ 3DES2 Encryption
- ✕ Multi-Subnet Routing
- ✕ BPR Threshold Routing

### Built-In Security Features

- ✕ Application Level Firewall
- ✕ DoS / DDoS / SYN Protection
- ✕ Packet Sniffer / Syslog
- ✕ SSL-Client Termination
- ✕ Netsweeper Content Filtering
- ✕ NAT and PAT Support
- ✕ CAValier Anti-Virus