



BroadLink™

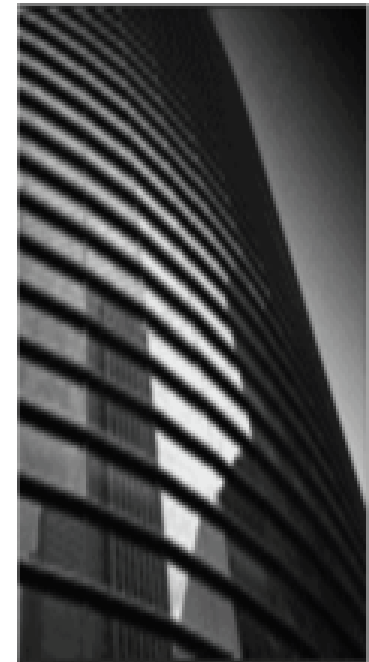
Product Overview for WAN Reliability Solutions

Load Balancing
Multi-Homing



WAN Challenges for SMB

- **Single point failure of Internet connectivity**
 - single connection or single ISP
- **Congestion on one connection**
 - need for multiple connections
 - need for optimized load balancing
- **Optimized usage of bandwidth**
 - need for bandwidth management
- **Supporting mission critical service**
 - need for high availability





Introducing BroadLink™

An Intelligent WAN Load Balancer:

- Fault tolerance for Internet connectivity
- Aggregation of multiple WAN links
- Optimized load balancing and bandwidth management
- Cost-effective Multi-homing
- Firewall and DoS protection

Intelligent WAN Trunking

Fault Tolerance

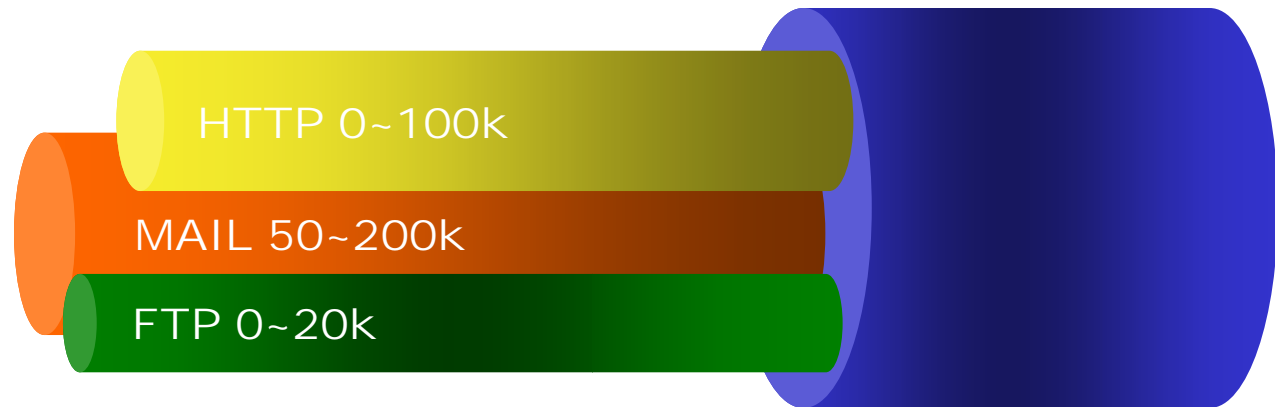
- Avoid single point failure
- High availability of connections
- Auto-detect status

WAN Link Aggregation

- Bandwidth bundling to reduce bottleneck
- Optimized load balance algorithm

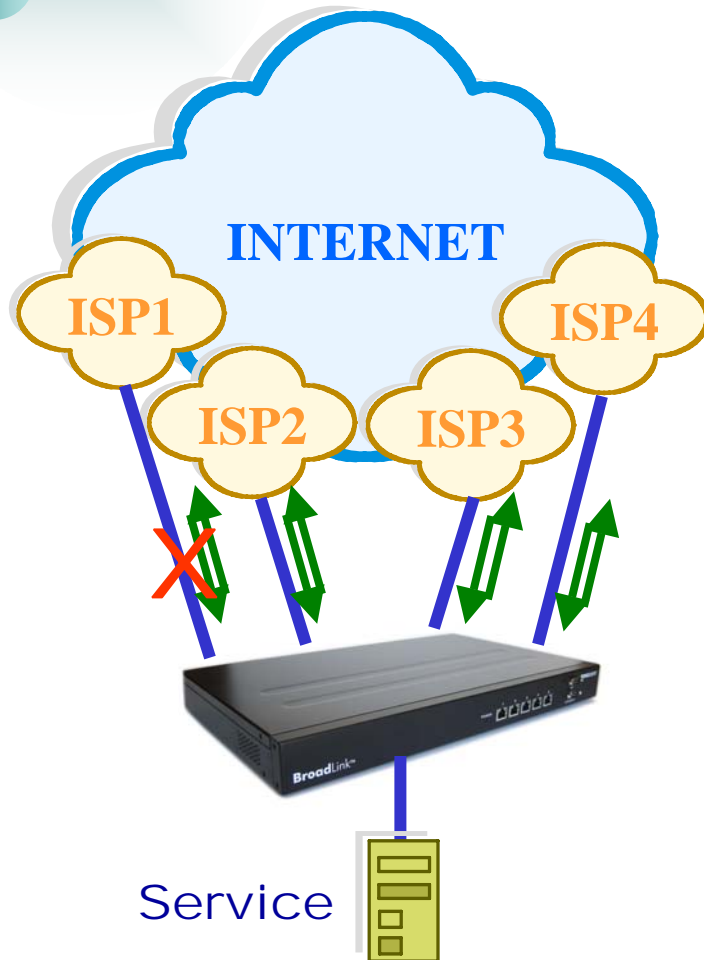


Policy Based QoS



- Bandwidth management
- Based on L3 or L4 information
- Guaranteed bandwidth and maximum bandwidth options
- Priority
- Management by schedule

Multi-Homing



**Providing non-stop service
via multiple WAN links**

Inbound traffic

- Load balancing
- Fault tolerance

BLM320



- **Up to 3 WAN links**
- **10 Mbps WAN Bandwidth**
- **1U Rack Mount**
- **Via 400MHz, 256M RAM**
- **4 * 10/100 Base-TX Ports**

→ Small Business and Branch Office

BLM430



- **Up to 5 WAN links**
- **20 Mbps WAN Bandwidth**
- **High Availability option**
- **1U Rack Mount**
- **Celeron 1.2GHz, 256M RAM**
- **5 * 10/100 Base-TX Ports**

→ Small and Medium Business

BLM680



- **Up to 15 WAN links**
- **60 Mbps WAN Bandwidth**
- **High Availability option**
- **1U Rack Mount**
- **Celeron 1.2GHz, 256M RAM**
- **5 * 10/100 Base-TX Ports**

→ SMB and Distributed Enterprise

Features

Model	BLM320	BLM430	BLM680
WAN Link	3	5	15
WAN Bandwidth	10 Mbps	20 Mbps	60 Mbps
Physical Connection Port			
10/100 Base - TX	4	5	5
Serial Port	2 x RS232	2 x RS232	2 x RS232
Load Balancing Algorithm			
Fixed	0	0	0
Round - Robin By Weight	0	0	0
Application	0	0	0
Round - Robin	0	0	0
By Connection	0	0	0
By Traffic	0	0	0
Inbound Load Balancing			
Fault Tolerance	0	0	0
Multihoming	0	0	0
User Define Multihoming TTL	0	0	0
Multiple Domain	0	0	0
Multiple DNS Server per Domain	0	0	0
Build-in DNS Server	0	0	0

Features (cont.)

Model	BLM320	BLM430	BLM680
Bandwidth Management			
Max. and Min. bandwidth	O	O	O
QoS Priority	O	O	O
By Source / Destination IP address	O	O	O
By Schedule	O	O	O
Firewall / Access Control List			
DoS Protection	O	O	O
Access Control	O	O	O
DMZ	O	O	O
Other Function			
NAT	O	O	O
VPN Pass Through	O	O	O
Virtual Server	O	O	O
PPPoE	O	O	O
Multiple Public IP Pass-Through	O	O	O
Persistent Routing	O	O	O
HA (High Availability)	X	O	O
Service Grouping / IP Grouping	O	O	O
IP-MAC Mapping	O	O	O
Dial-on Demand Routing	O	O	O
Statistics	O	O	O