

Link Balancing SOLUTION GUIDE

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Featuring:

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NETWORKS






CONNECTRONICS

Distributors of

 Wireless and Connectivity Products

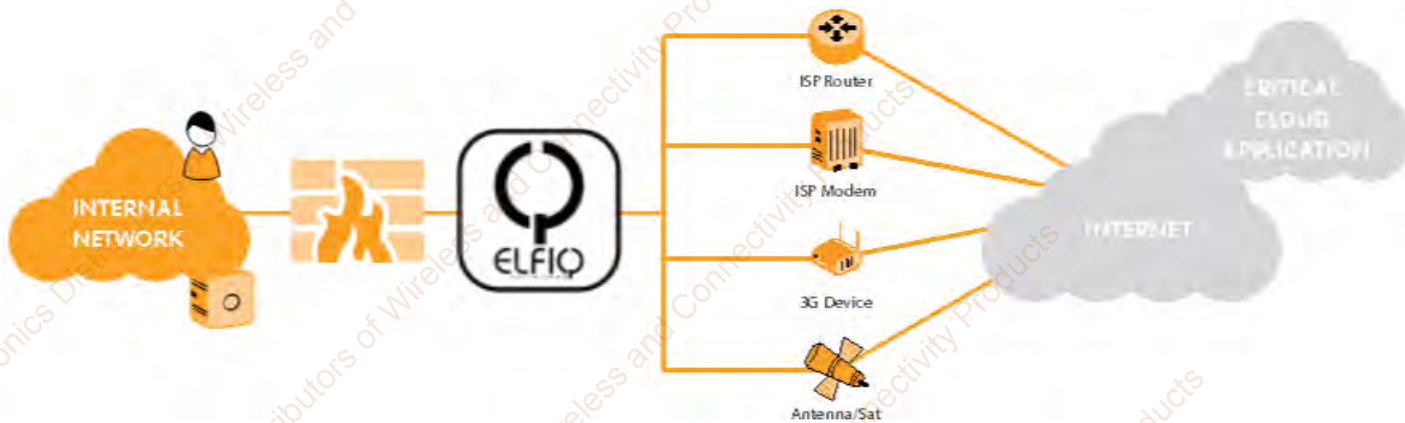
With today's growing Internet demands, Elfiq Networks enhances network performance and business continuity through innovative link balancing and bandwidth management technologies. Using Elfiq Networks solutions, companies can leverage simultaneous ISPs, mix public and private links for added flexibility, seamless failover, increased throughput and smarter WAN path selection.

	Outgoing traffic balancing	Incoming traffic balancing	Number of ISP links	Throughput half duplex (upload or download)	Maximum number of Link Balancer instances (VFI)	Number of IDNS records (Intelligent DNS)	Real time balancing mode
LBX410	✓		2	50Mbps	1		NAT
LBX420	✓	✓	6	100Mbps	2	16	NAT / TAG / PREF
LBX430	✓	✓	8	200Mbps	2	256	NAT / TAG / PREF
LBX710	✓		10	300Mbps	1		NAT
LBX720	✓	✓	12	300Mbps	2	256	NAT / TAG / PREF
LBX730	✓	✓	14	400Mbps	2	1,024	NAT / TAG / PREF
LBX1210	✓		16	500Mbps	1		NAT
LBX1220	✓	✓	24	500Mbps	2	1,024	NAT / TAG / PREF
LBX1230	✓	✓	32	750Mbps	2	4,095	NAT / TAG / PREF
LBX2600	✓	✓	64	1Gbps	2	65,536	128
LBX5500	✓	✓	256	6Gbps	4	65,536	256

LBX400 Series	LBX700 Series	LBX1200 Series
<p>Link Balancing for SMBs and Branch Offices</p> 	<p>Business Continuity solutions for SMBs</p> 	<p>Next Generation Link Balancing for SMB</p> 
LBX2600	LBX5500	
<p>Affordable enterprise-class bandwidth management</p> 	<p>Datacenter bandwidth management with 10Gbps port</p> 	

Elfiq Link Balancers allow balancing for both incoming and outgoing traffic, usually on a per session basis (source IP, destination IP, source port, destination port and protocol).

Multiple balancing rules are configured with different algorithms and link selection so the network administrator can have control over network link selection and usage (traffic segmentation). The best link for a given task is identified, and the traffic is directed accordingly, optimizing the available bandwidth and creating a smarter network.



ELFIQ LINK BALANCERS IN THE:

ACADEMIC ENVIRONMENT

With online courses, recorded video and audio, Web-based student and grade management systems, document sharing and more, bandwidth has become a critical aspect of a facility's ability to fulfill its mission.

Another aspect to take into consideration is the amount of student-generated traffic from Web browsing for peer-to-peer sharing of files. Students are notorious for consuming significant amounts of bandwidth, and managing current ISPs becomes a priority.

Use an Elfiq Link Balancer to take back control of their bandwidth, and proactively add more ISP links to meet demand and add redundancy.



HEALTHCARE ENVIRONMENT

The healthcare sector is constantly evolving and is subject to government expectations or regulations such as HIPPA. In many countries, patient electronic records management and availability are becoming a key driver in patient care management, where this type of information must be available so medical personnel can provide the right treatment.

Some healthcare providers are also converting the Internet into a medical opportunity, combined with other technologies such as VoIP and teleconferencing. With these tools, medical practitioners can remotely assist other medical staff at a specific site to provide diagnostic or procedural advice on patients. In some facilities, operations are retransmitted in real time to doctors for guidance over the Internet.

This new reality marks reliability and performance as key aspects to manage for a healthcare provider's network priorities: it can become a matter of life or death.



HOSPITALITY ENVIRONMENT

Elfiq Link Balancers provide affordable, efficient multiple Internet link management to hospitality providers. With links from multiple sources on multiple technologies, Internet access uptime can reach 99.999%, ensuring connectivity to demanding business customers and guaranteeing multiple future stays by guests.

Cost reduction is also achievable by removing some more expensive links such as T1s and combining them with low-cost DSL or cable modems. Properties can then deliver on the promise of constant and reliable Internet access while reducing monthly operating costs.

