Elfiq Link Balancer Product Family

KEY BENEFITS

Business Continuity for All

By employing multiple ISPs using multiple carrier technologies, the risk of downtime is significantly reduced so if one carrier is unavailable at least another one is able to ensure continuity.

Faster Internet Access

Multiple concurrent carriers mean more available bandwidth for users, services and applications so no one waits and productivity is enhanced.

Lower Telecom Costs

Low-cost bandwidth providers offering services over xDSL, cable modem, local fiber or fixed wireless can be used to lower monthly telecom expenses.

Balanced Incoming Traffic

Inbound traffic can benefit from multiple carriers to provide enhanced performance and uptime for customers and remote users.

The Failsafe with a Failsafe

Elfiq Networks is the only manufacturer of link balancers to offer both high availability units and a bypass mode in case of hardware unit failure.

Even if the Elfiq unit stops operating, your organization does not, and that's true business continuity value for all.

Internet Access Resilience and Performance for <u>Any</u> Organization

Organizations of all sizes and missions depend on the Internet to deliver their value proposition and perform daily business tasks. Without the Internet, operations become complex and costly and this is where Elfiq Networks' Link Balancer product family can ensure smooth Internet access while keeping operational costs under control.


Elfiq Networks' Link Balancers enable the use of multiple concurrent bandwidth providers to ensure maximum performance and uptime. With Elfiq, unreliable Internet access is a thing of the past and fast reliable access is constantly available.

"Elfiq is an appliance that no company should be without! I have 2x 100Mbps fiber connections and in the last month BOTH have failed (at different times). Elfiq did what it was designed to do and my users experienced ZERO downtime!

I even had to go and inform senior management that we were in failover mode - they had no indication. To top it all off, I was the one to inform my ISP's they were down thanks to the Elfiq's email alerts I received!"

Dan Elder, IT Manager
Sprott Asset Management

The Elfiq Difference: Reliability, Simplicity, Performance
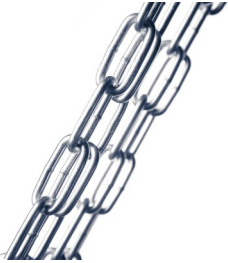
Reliability

Elfiq Networks has been providing market-leading Link Balancing products since 2004, delivering a trusted solution used in over 110 countries. With Elfiq products, it is not uncommon to find customers with over 10,000 hours of uptime delivering non-stop consistent Internet access for the organization.

Simplicity

Elfiq Networks offers the only true Layer-2 based Link Balancer on the market, enabling a new level of simplicity. The key benefit of this strategic product design is a seamless implementation of the Link Balancer in the new environment as no changes are required to existing systems such as firewalls, VPN gateways and routers. This translates into direct cost savings since implementations are shorter, safer and the Elfiq LAN Failsafe feature guarantees connectivity even when the unit loses power.

Performance

Customers are able to choose the right solution for their needs without sacrificing performance. Even the entry-level model offers enterprise-class performance and features not available anywhere else in this product category, within budgets. Enterprise clients will find gigabit-class delivery of bandwidth with the ability to support millions of concurrent sessions.

"Radialpoint enables large and mid-size broadband providers to deliver managed Internet services -- such as Firewall, Anti-Virus, Anti-Spyware and Parental Control -- to their subscribers quickly, easily and profitably.

Our end-user software requires periodic verification to our data center for updates. Availability of this service is essential. Processing up to 40 millions iDNS requests per day, our Elfiq units handle the load perfectly and are a very stable and robust product. "

Mr. John Bombakos
Director of Technical Operations
Radialpoint Inc., USA and Canada

Elfiq Networks Link Balancer Product Line

	LB-550B	LB-550E	LB-800E	LB-2500E	LB-5000E
Format	Tabletop/1U	Tabletop/1U	Tabletop/1U	1U	1U
Maximum # of ISP links	2	3	8	64	320
Maximum throughput upload + download	70Mbps	110Mbps	400Mbps	1.6Gbps	3.3Gbps
Maximum throughput upload or download	35Mbps	55Mbps	240Mbps	800Mbps	1.65Gbps
Maximum number of concurrent sessions	32,000	32,000	128,000	1 536 000	5 120 000
Number of balancing algorithms	9	9	9	9	9
LAN Failsafe	✓	✓	✓	✓	✓
High-availability	-	✓	✓	✓	✓
Virtual Balancers (VFIs)	-	-	-	2	5
3G/4G Mobile stick support	2	3	4	8	8
Traffic Segmentation	✓	✓	✓	✓	✓
Quality of Service (QoS) rules	32	32	32	128	256
iDNS inbound balancing	✓	✓	✓	✓	✓
Intelligent Condition Verificator	-	✓	✓	✓	✓
Time-Based Conditions	-	✓	✓	✓	✓
Intelligent Service Verificator	-	-	✓	✓	✓
SIP-Aware	✓	✓	✓	✓	✓
SitePathMTPX (number of sites)	-	1	8	64	512
Geolink option	-	-	Inbound	Global	Global
Future IPv6 option	-	-	✓	✓	✓

"I don't even think about the Elfiq unit. It's there and does it's job. The best investment ever.

Arthur Wedenberg
IT Manager
Ipendo Systems AB

Elfiq Networks Link Balancer Key Features

Feature	Description
Advanced Balancing Algorithms	Balancing methods for inbound and outbound traffic
Traffic Segmentation	Policy-based traffic direction using multiple links
Quality of Service (QoS)	Proactive traffic promoting and limiting
Intelligent DNS (iDNS)	Inbound balancing feature utilizing all available ISP links
Intelligent Service Verificator	Service verification for environments with multiple identical servers or services
Intelligent Condition Verificator	The Intelligent Condition Verificator enables complex condition-based configurations.
Time of Day Conditions	Automatic configuration modifications based on current time
LAN Failsafe	The failsafe in a failsafe to guarantee maximum uptime for single unit deployments
High Availability	Redundant units for failover environments
SIP Aware Link Balancer	Enables enhanced SIP-based VoIP deployments
SitePathMTPX	Point to point application acceleration and resilience
Inbound Geolink	Manage inbound traffic across multiple physical locations
Global Geolink	Manage inbound and outbound traffic across multiple physical locations
USB Configuration	Remote configuration and firmware updating with USB flash drives
Virtual Forwarding Interfaces	Virtualization for concurrent balancers in the same unit
3G/4G Mobile Stick Support	Use USB-based 3G/4G modems for maximum uptime
Mobile Site Manager	iPhone-based management tool

For more information on Elfiq Networks, our products and how we can help your organization please visit www.elfiq.com

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