

ShieldLink 100, 250 & 500

Ensured uptime at the right price.

Ecessa's ShieldLink 100, 250 & 500 are advanced, yet highly affordable secure WAN Optimization Controllers that incorporate all of the ISP/WAN link aggregation, load balancing, failover and traffic shaping capabilities of PowerLink, while bringing network security to the next level by incorporating a built-in firewall and VPN Gateway.

End your reliance on a single Internet connection or provider

Your customers and employees expect constant connectivity and consistent network performance. You can't do that with a single ISP. The ShieldLink Series creates multi-homed networks of up to 25 WAN links to eliminate link congestion and bottlenecks. Your business-critical applications are guaranteed full connectivity and continuous service.

ShieldLink ensures that critical applications get the bandwidth they need

ShieldLink provides intelligent outbound traffic management to load balance across all WAN links, and uses DNS to load balance inbound services. Users experience no delays and no frustrations. Your business-critical applications are always there when you need them.

ShieldLink provides 100% availability

ShieldLink's automatic link failover and traffic shaping guarantee availability and performance for applications sensitive to WAN link delays or failures.

ShieldLink has many plug-and-play setup features that make it very easy to install and effortless to maintain. And there are no expensive routers or complex routing protocols to maintain.

ShieldLink is affordable and scalable

ShieldLink is easily one-third the cost of other appliance-based ISP load balancing products. And only ShieldLink features free support for 90 days, including network design, configuration and installation assistance. Plus, no product is easier to scale than ShieldLink. As your network bandwidth needs grow, ShieldLink makes it easy to simply plug in another WAN link for all the bandwidth your applications need and the availability and performance your employees and customers expect.

Protect your networks from security breaches

ShieldLink's firewall functionality enhances access to your network with new security feature sets and increased flexibility in defining access control. ShieldLink defines three classes of network interfaces for handling various network traffic zones – WANs, DMZ and LANs.

To prevent network intrusion to your private network, ShieldLink inspects network traffic passing through it (both inbound and outbound), and denies or permits passage based on a set of configurable rules, in order to regulate the flow of traffic within determined zones. For example, the Internet is a zone with no trust, while your LAN is a zone with higher trust. A demilitarized zone (DMZ), located between the Internet and your LAN, is an intermediate level of trust.

BENEFITS >

- Ensures 100% uptime for your business-critical Internet applications.
- Makes it easy and affordable to combine multiple low-cost links of bandwidth.
- Is easy to install and support.
- Provides the lowest total cost of ownership available.
- Select a ShieldLink Series appliance that precisely meets your needs and budget.
- Includes 90 days of free service and support.
- Includes a 30-day money-back guarantee.

Upgrade to ShieldLink

ShieldLink can also be purchased as an add-on (software/firmware) module for certain PowerLink products. If you are an Ecessa customer, and you are interested in upgrading your PowerLink to a ShieldLink, please contact your Ecessa representative at 800-669-6242, or email us at sales@eccessa.com.

Protect your data over the Internet

The built-in virtual private network (VPN) creates virtual tunnels that enables ShieldLink to secure communications between sites by encrypting user traffic over the Internet (or WAN) using the strong security of IPsec.

A secure communications system for transmitting data and IP information between networks, ShieldLink's VPN can be used over the Internet to facilitate the secure transfer of sensitive data over your existing networks. The VPN Gateway also provides flexibility in securing communications between remote telecommuters and the main office, regardless of where the telecommuters are located.

Firewall Capabilities

Types of attacks prevented automatically

- SYN Flood
- Source address spoofing
- DOS (Denial of Service)
- TCP "Christmas Tree" packets
- Ping of death
- Ping Flood

Features

- Stateful packet filtering
- All inbound traffic (traffic originating from outside) is blocked by default
- Configurable inbound rules can allow specific types of traffic to specific servers on the LAN
- All outbound traffic is enabled by default
- Configurable outbound rules can be used to block specific types of traffic from the LAN
- Allows configuration of a LAN as a Demilitarized Zone (DMZ)
- DMZ can allow specific inbound traffic to be forwarded to servers in the DMZ
- DMZ is isolated from other LANs for additional security

VPN Capabilities

Features

- IPsec (RFC 4301), IKE/ISAKMP (RFC 2407, 2408) compliance
- NAT-Traversal support (RFC 3947) allows for NAT devices between VPN endpoints
- 3DES and AES Encryption support
- SHA1 and MD5 authentication support with ESP or AH security protocols
- Supports Pre-shared key, Raw RSA key, or X.509 certificates for IKE authentication
- Imports and manages public, private, and CA certificates, as well as CRLs
- Supports both Main and Aggressive IKE Phase 1 Modes
- Supports Layer 2 Tunneling Protocol (L2TP) over IPsec (for Windows client support)
- IPsec Xauth login support for additional authentication security
- Operates as either client, server, or "Road Warrior" client and/or server



SL100

SL250

SL500

SHIELDLINK 100/250/500 FEATURES

	SHIELDLINK 100	SHIELDLINK 250	SHIELDLINK 500
Intelligent traffic management/load balancing	inbound & outbound	inbound & outbound	inbound & outbound
WAN link redundancy with automatic failover protection for 24/7 internet availability	x	x	x
Redundant WAN links supported	Up to 15	Up to 15	Up to 25
Traffic throughput	150 Mbps	500 Mbps	1 Gbps
Concurrent sessions	65,000	500,000	1,000,000
Interface speeds	10/100	10/100/1000	10/100/1000
DoS and DDoS protection	x	x	x
Transparent firewall setup	x	x	x
Multi-homing without BGP	x	x	x
Authoritative DNS	x	x	x
Number of domain names supported	128	512	1024
DNS backup site	x	x	x
Server failover	This feature is available on the ShieldLink 200, 250EHQ or 500EHQ		
QoS traffic management for guaranteed performance for all business critical applications	x	x	x
Site-to-site channel bonding	This feature is available on the ShieldLink 55, 200, 250EHQ or 500EHQ		
SNMP support	x	x	x
Remote syslog	x	x	x
Email/Page notification with alerts	x	x	x
Management services Web/ Secure Web/ Telnet/ Secure Shell	x	x	x
Built-in Firewall	x	x	x
Built-in VPN	x	x	x
Global management of all enterprise and remote WAN resources	This feature is available on the ShieldLink 250EHQ or 500EHQ		
Supports hardware failover (Redundant device)	x	x	x
Rack mountable	Optional	Standard	Standard
90-day expert installation and 24/7 support	x	x	x
30-day money-back guarantee	x	x	x
3 year warranty	x	x	x
800 # U.S.-based pre sales and post sales support	x	x	x
List price	\$3,495	\$5,495	\$7,495
Order Number	SL100	SL250	SL500



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