

ShieldLink 55, 200, 250EHQ & 500EHQ

Affordable, high-bandwidth failover solutions for multiple sites.

Ecessa's ShieldLink 55, 200, 250EHQ & 500EHQ secure WAN Optimization Controllers deliver all the advanced, yet highly affordable ISP/WAN link load balancing, failover, traffic shaping, point-to-point channel bonding and multi-site support capabilities of PowerLink, while bringing network security to the next level by incorporating a built-in firewall and VPN Gateway.

Point-to-point channel bonding and stateful WAN link failover

Now you can take multiple Internet connections and bond them into one high bandwidth channel for 100% uninterrupted availability for applications that require ironclad point-to-point connectivity. When one connection goes down or fluctuates, traffic automatically gets directed to the best working links without interruption. This type of load balancing, called channel bonding, allows for stateful failover of traffic so that applications don't have to stop and restart over another link, thus ensuring important applications that might otherwise fail after even the briefest disruptions are never affected and continue to run smoothly.

Multi-site support

When used in tandem, Ecessa's ShieldLink 55, the 200 and EHQ models allow multi-site organizations to provide highly scalable aggregated bandwidth to as many as 60 remote offices over the lowest-cost links. Typically, organizations deploy a SL200 or EHQ at central or headquarter sites and economical SL55s at remote sites, where high-availability bandwidth needs are lower. The SL55 combines up to three different low-cost broadband connections for a total of 10 Mbps of aggregated bandwidth.

Allowing low-cost bandwidth options

Now service providers can offer customers two or three times the ordinary bandwidth of T1 or xDSL for a fraction of the cost, gaining a big edge in an increasingly competitive business environment. The ShieldLink 200 and EHQ models operate over any Ethernet link, so it can be delivered to the widest possible audience.

High-performance enterprise solutions

The SL200 supports up to 6 remote sites and 128 domain names. The ShieldLink EHQ models expand your reach with support for up to 60 remote locations and over one thousand domain names. The EHQ models allow global management for real-time control and reporting of all your enterprise and remote WAN resources.

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 configurable set of 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 >

ShieldLink 200:

- Use the lowest-cost links.
- Offer customers more options and 2-3 times the performance of expensive links.
- Spend less money to implement and own, and less time to maintain than traditional high-bandwidth solutions.

ShieldLink EHQ models:

- Provides channel bonding aggregation supported at up to 60 Remote Sites/ 1 Gbps for your most critical high-bandwidth applications.
- Offers stateful WAN link failover for uninterrupted service during WAN outages or fluctuations.
- Utilizes global management for real-time control and reporting of all your enterprise and remote WAN resources.

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) enables ShieldLink to create virtual tunnels for securing 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. For single networks, the VPN can protect sensitive communications from other parties within the same network.

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



SL55/200

SL250EHQ

SL500EHQ

SHIELDLINK 55/200/250EHQ/500EHQ FEATURES

	SHIELDLINK 55	SHIELDLINK 200	SHIELDLINK 250EHQ	SHIELDLINK 500EHQ
Intelligent traffic management/load balancing	inbound & outbound	inbound & outbound	inbound & outbound	inbound & outbound
WAN link redundancy with automatic failover protection for 24/7 internet availability	x	x	x	x
Redundant WAN links supported	3	Up to 15	Up to 15	Up to 25
Traffic throughput	10 Mbps	150 Mbps	500 Mbps	1 Gbps
Concurrent sessions	7,680	65,000	500,000	1,000,000
Interface speeds	10/100	10/100	10/100/1000	10/100/1000
DoS and DDoS protection	x	x	x	x
Transparent firewall setup		x	x	x
Multi-homing without BGP	x	x	x	x
Authoritative DNS	x	x	x	x
Number of domain names supported	1	128	512	1024
DNS backup site		x	x	x
Server failover		16	32	64
QoS traffic management for guaranteed performance for all business critical applications		x	x	x
Site-to-site channel bonding (Packet load balancing & stateful failover)	x	x	x	x
Number of end-points per site	3	6	6	8
Number of remote sites supported	1	6	40	60
SNMP support	x	x	x	x
Remote syslog	x	x	x	x
Email/Page notification with alerts	x	x	x	x
Management services Web/ Secure Web/ Telnet/ Secure Shell	x	x	x	x
Built-in Firewall	x	x	x	x
Built-in VPN	x	x	x	x
Global management of all enterprise and remote WAN resources			x	x
Supports hardware failover (Redundant device)	x	x	x	x
Rack mountable	Optional	Optional	Standard	Standard
90-day expert installation and 24/7 support	x	x	x	x
30-day money-back guarantee	x	x	x	x
3 year warranty	x	x	x	x
800 # U.S.-based pre sales and post sales support	x	x	x	x
List price	\$1,995	\$4,495	\$6,495	\$8,495
Order Number	SL55	SL200	SL250EHQ	SL500EHQ



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