ECESSA

ShieldLink 60, 175, 600, 1200 & 4000

Ensured uptime at the right price.

Ecessa's ShieldLink 60, 175, 600,1200 & 4000 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 manage.
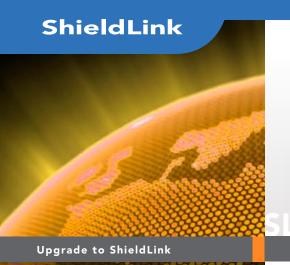
ShieldLink is affordable and scalable

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 add 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.

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.

- A variety of ShieldLink series appliances that precisely meet your need and your budget.

- Includes 30 days of free configuration and installation support.

- One and three-year enhanced support agreements available.

ShieldLink

SL60   SL175

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
- SSL VPN supported
- Operates as either client, server, or "Road Warrior" client and/or server

SL600   SL1200 SL4000

SHIELDLINK 10/60/175/1200/4000 FEATURES

	SHIELDLINK 60	SHIELDLINK 175	SHIELDLINK 600	SHIELDLINK 1200	SHIELDLINK 4000
Intelligent traffic management/load balancing	inbound & outbound	inbound & outbound	inbound & outbound	inbound & outbound	inbound & outbound
WAN link redundancy with automatic failover protection for 24/7 internet availability	x	x	x	x	x
Redundant WAN links supported	Up to 3	Up to 15	Up to 15	Up to 25	Up to 25
Traffic throughput	60 Mbps	175 Mbps	600 Mbps	1.2 Gbps	4 Gbps
Concurrent sessions	65,000	128,000	500,000	1,000,000	1,000,000
Interface speeds (Ethernet)	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000
Interface speeds (Fiber)					1/10 Gbps
DoS and DDoS protection	x	x	x	x	x
Transparent firewall setup	x	x	x	x	x
Multi-homing without BGP	x	x	x	x	x
Authoritative DNS	x	x	x	x	x
Number of domain names supported	128	256	512	1024	1024
Number of hosts per domain supported	128	256	512	1024	1024
DNS backup site	x	x	x	x	x
Server failover	x	x	x	x	x
QoS traffic management (bandwidth throttling) for guaranteed performance for all business critical applications	x	x	x	x	x
SNMP (v1, 2c, 3) and Netflow support	x	x	x	x	x
Remote syslog	x	x	x	x	x
Email notification with alerts, reports	x	x	x	x	x
Management services Web/Secure Web/Secure Shell and Console CLI	x	x	x	x	x
Built-in firewall	x	x	x	x	x
Built-in VPN (IPsec & SSL)	x	x	x	x	x
Ecessa Cloud global monitoring and management of all enterprise and remote WAN resources	Optional	Optional	Optional	Optional	Optional
Supports hardware failover (Redundant device - HA)	x	x	x	x	x
Fail-to-Wire	x		x	x	x
Rack mountable	Standard	Standard	Standard	Standard	Standard
Free network review, 30-day configuration and installation assistance (8×5)	Standard	Standard	Standard	Standard	Standard
Upgrade to 1- and 3-year SLA wtih 24x7 support, overnight replacement of devices, firmware upgrades	Optional	Optional	Optional	Optional	Optional
Physical dimensions	8.4"x7.4"x1U	16.8"x10.8"x1U	16.8"x10.8"x1U	16.8"x16.8"x1U	16.8"x16.8"x1U
Order number	SL60	SL175	SL600	SL1200	SL4000

ECESSA™