ECESSA

ClariLink 60, 175, 600, 1200 & 4000
ClariLink WAN Link Controllers - for Reliable SIP-based Application Delivery over the Internet.

The ability to load balance SIP connections over multiple WAN links is critically important for successful, scalable VoIP and multimedia applications. Ecessa is at the forefront of delivering this essential capability, and unique features such as integrated NAT, SIP Proxy and SIP Registrar reinforce Ecessa's position as a true value/performance leader in supporting the unique and challenging requirements of today's small businesses and the providers who service them.

The ClariLink family of WAN link controllers delivers specialized SIP-application management for real-time session reliability over the WAN. ClariLink enables SIP traffic to be deployed reliably across multiple WAN and/or service provider networks for redundant link connectivity and automatic failover. This ensures that call sessions continue uninterrupted, even in the case of a service provider outage. Managed service providers and enterprises that deploy ClariLink WAN link controllers get the benefits of greater reliability, scalability, performance and flexibility for their SIP deployments, while gaining a solid basis for the unique and growing capabilities that come with SIP technology.

ClariLink WAN Link Controllers

Acting as a front-end controller, ClariLink manages diverse WAN links and bandwidth capacities to provide a redundant SIP origination and termination solution. ClariLink includes a SIP Proxy, SIP Registration Server and NAT Proxy that allows SIP traffic to be load balanced and provide failover among multiple WAN links to ensure reliability.
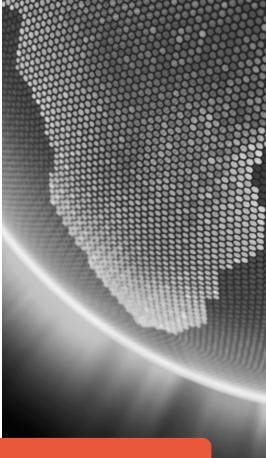
By intelligently directing SIP traffic among multiple WAN links and/or service provider connections, ClariLink eliminates a key point-of-failure. The built-in "SIP-aware" proxy sets up calls by rewriting private IP addresses and ports to public IP addresses and ports for controlling the management of connections and IP addresses within the SIP-enabled network.

To ensure reliability, SIP traffic needs to be load balanced across multiple, and diverse WAN connections, with session persistence based on the unique SIP caller ID to ensure application integrity. ClariLink ensures application and call integrity by making sure that traffic persists to the correct destination, and providing stateful, real-time session failover in the event of a service provider outage. Additionally, to ensure SIP service reliability, the ClariLink checks the availability of all the network connections associated with it, and directs traffic accordingly.

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.

- A variety of ClariLink 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.

ClariLink

CL60   CL175

OPTIMIZE VOICE AND DATA OVER THE INTERNET

ClariLink mitigates jitter and latency for VoIP, conferencing, call centers and other SIP-enabled applications.

ClariLink Delivers...

- External SIP registration tracking - caching from the Registrar server

- Real-time VoIP failover

- Integrated SIP proxy

- Integrated SIP Registrar

- Easy VoIP user configuration - secure authentication for user accounts and passwords

- Inbound DNS load balancing

- Outbound intelligent load balancing – directs users to the best WAN links available

- Transparent call handling - optimize voice reliability without sacrificing performance

- Multimedia support

- LAN-to-LAN direct routing

- Seamless call failover for inbound and outbound connectivity

- Elimination of problems associated with NAT

- Ensure each SIP device user gets the best network experience possible over the WAN

- Optimized SIP-enabled traffic over the WAN according to throughput capacity

- QoS capabilities for bandwidth management that guarantee SIP-enabled applications get the bandwidth required for optimal performance

CL600 CL1200

	CLARILINK 60	CLARILINK 175	CLARILINK 600	CLARILINK 1200	CLARILINK 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
SIP Proxy/ SIP Registrar	x	x	x	x	x
Transparent SIP Redirect	x	x	x	x	x
SIP Load Balancing	x	x	x	x	x
Seamless Call Failover	x	x	x	x	x
Concurrent Calls	25	50	100	200	200
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 Dual-Role		x	x	x	x
Server failover	x	x	x	x	x
QoS traffic management/bandwidth throttling (guaranteed performance for all business critical applications)	x	x	x	x	x
SNMP (v1, 2c, 3), remote syslog, Netflow support	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
Global management through Ecessa Cloud of all enterprise and remote WAN resources	This feature set is available with software assurance agreements				
Supports hardware failover (Redundant device)	x	x	x	x	x
Fail-to-Wire	x			x	x
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
30 day money-back guarantee from date of shipment for devices not performing to specification	Standard	Standard	Standard	Standard	Standard
Rack mountable	Optional	Standard	Standard	Standard	Standard
Order Number	CL60	CL175	CL600	CL1200	CL4000

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