

Introducing the New 10G & 20G

Enabling organizations' 10Gbps and 20Gbps speeds with uncompromised uptime

Ecessa's powerful new 10G and 20G appliances are the most advanced WAN Optimization Controllers in the PowerLink, ShieldLink and ClariLink families. They incorporate ISP/WAN link aggregation, load balancing, automatic failover and traffic shaping capabilities for today's highest bandwidth services. Utilizing Intel's i7 processor with quad-core technology, Ecessa's new platform features twice the performance of previous models with 15% lower power consumption. The units feature eight 1-gigabit Ethernet ports and options to combine two or four 10-gigabit copper or fiber ports for hybrid implementations. High end networks, meet high end Ecessa.

Ecessa. End your reliance on a single Internet connection or provider

Your customers and employees expect constant connectivity and consistent network performance. Even with high speed fiber, if your network relies on a single provider for service, you're vulnerable to their glitches and outages - not to mention lengthy and potentially expensive carrier contracts.

By leveraging multiple links from two or more providers that don't share the same backbone or last mile, you'll always be connected to your branch offices, the Internet and cloud resources. Go ahead, diversify. It's the smart thing to do.

PowerLink. Give critical applications all the bandwidth they need

Ecessa appliances create multi-homed networks of up to 25 WAN links of any kind, from any service provider, to eliminate congestion and bottlenecks. PowerLink also provides intelligent outbound traffic management to load balance across all your WAN links and uses DNS to load balance inbound services. Users experience no delays and no frustrations. PowerLink's ability to detect link health for automatic link failover and traffic shaping guarantee availability and performance for applications sensitive to WAN link delays or outages. Your business-critical applications are always there when you need them, getting all the bandwidth they need.

ShieldLink. Protect your networks from security breaches

Ecessa's ShieldLink controllers have built-in basic firewall functionality and VPN features that give you flexibility in defining network access control. 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. 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. The VPN Gateway also provides flexibility in securing communications between remote telecommuters and the main office, regardless of where the telecommuters are located.

ClariLink. Make you VoIP applications sing

The ClariLink family of WAN link controllers includes all the features of PowerLink and ShieldLink, plus delivers SIP-application management for real-time VoIP session reliability over the Internet. 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. Calls don't drop, they fail over without missing a beat.

BENEFITS >

- Ensures 100% uptime for your business-critical Internet applications
- Easily combine multiple links of different bandwidth services
- Provides the lowest total cost of ownership available
- Cost effective and feature rich
- A variety of appliances precisely meets your network needs and your budget
- High speed interface options for copper, fiber or both (hybrid)
- Easy to install and use
- Includes 30 days of free configuration and installation support
- One and three-year enhanced support agreements available

PL SL CL 10G & 20G



Upgradable Features

What happens when you need more powerful features? Ecessa has you covered. PowerLink and ShieldLink units can be field upgraded with security and SIP functionality via add-on keys (software/firmware). Just call us at 800-669-6242 when you are interested in upgrading your PowerLink or ShieldLink, or email us at sales@eccessa.com.

GET THE BEST PERFORMANCE FROM YOUR HIGH BANDWIDTH NETWORK

POWERLINK, SHIELDLINK & CLARILINK FEATURES

WAN

- Support for PPPoE, Static IP, DHCP
- WAN Link status checks
- Support for Dynamic DNS Services
- IPv6 Support

LAN

- DHCP Server for LAN hosts
- Extended DHCP Options
- DHCP Static IP's
- Recursive resolver for DNS

QoS

- Application Prioritization
- VPN, SIP, Layer3, Layer4.
- Bandwidth limiting
- Tiering

Authoritative DNS

- Master/slave support
- Supports common resource records
- A, AAAA, CNAME, MX, NS, SOA, SRV, PTR, TXT

Load Balancing

- Intelligent testing and failover

Routing/NATing/Networking

- Port Forwarding
- One-to-One NAT
- Static Routes
- Path based failover and statistics

Diagnostics/Graphing

- ICMP (Ping) testing
- Traceroute
- Traffic Capture view
- DNS Queries
- Speed Test

Management

- Duplicate/Backup configurations
- Cloud Management
- Email alerts
- Logging
- Remote Syslog
- Audit, Firewall

SHIELDLINK & CLARILINK ADDITIONAL FEATURES

Firewall

- Stateful packet filtering
- Configurable inbound and outbound rules can allow and block specific types of traffic to and from the LAN
- Allows configuration of a LAN as a Demilitarized Zone (DMZ), which can allow specific inbound traffic to be forwarded to servers in the DMZ
- DMZ is isolated from other LANs for additional security

VPN

- IPsec (IKEv1/IKEv2) and SSL supported
- Site-to-Site VPN
- L2TP Support
- Radius, CHAP, EAP, XAuth
- VPN Failover (using multiple WANs)
- IPsec VTI support
- Operates as either client, server, or "Road Warrior" client and/or server

CLARILINK SPECIFIC FEATURES

SIP

- Integrated SIP Proxy/ SIP Registrar (no registration limit)
- Real-time VoIP failover
- Transparent SIP Redirect
- SIP Load Balancing
- Seamless Call Failover
- LAN-to-LAN direct routing
- Seamless call failover for inbound and outbound connectivity



10G AND 20G FEATURES

	POWERLINK 10G	POWERLINK 20G	SHIELDLINK 10G	SHIELDLINK 20G	CLARILINK 10G	CLARILINK 20G
WAN link control	<ul style="list-style-type: none"> Aggregate up to 25 redundant WAN links with automatic failover protection for 24x7 availability Multi-homing without BGP DoS and DDoS protection Transparent firewall setup 					
Intelligent traffic management	<ul style="list-style-type: none"> QoS traffic management (bandwidth throttling) for bandwidth allocation and prioritization of specific traffic types to guarantee performance of business critical applications Inbound & outbound intelligent traffic management and load balancing over multiple connections 					
Authoritative DNS	<ul style="list-style-type: none"> Up to 1024 domain name entries Up to 1024 hosts per domain DNS backup site 					
Monitoring, reporting and management	<ul style="list-style-type: none"> Web/secure web/secure shell, serial, secure CLI SNMP support (v1, 2c, 3) & Netflow Remote syslog, email/page notifications with alerts with reports Ecessa Cloud View global management of all enterprise and remote WAN resources Front panel LCD displays system status and information 128 GB/6 Gbps SSD for logging historical network performance and events 					
Processor	<ul style="list-style-type: none"> Intel® Core™ i7-4770S quad-core processor 8 Threads 3.1-3.9 GHz 8 MB cache 65W Power Consumption 					
Max throughput	10 Gbps (5 Gbps up / 5 Gbps down)	20 Gbps (10 Gbps up / 10 Gbps down)	10 Gbps (5 Gbps up / 5 Gbps down)	20 Gbps (10 Gbps up / 10 Gbps down)	10 Gbps (5 Gbps up / 5 Gbps down)	20 Gbps (10 Gbps up / 10 Gbps down)
Concurrent sessions	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Interface types and speeds	<ul style="list-style-type: none"> Integrated Ethernet interface - 8 ports 10/100/1000 Optional Fiber interface SFP+ Optical - 2 or 4 ports 10000 Optional Copper interface RJ-45 - 2 or 4 ports 10000 Compatible with Wireless/3G/4G via Ethernet 					
Availability/failover features	<ul style="list-style-type: none"> Dual hot-swap redundant power supplies (300W) Supports hardware failover to redundant device (HA) Server failover Generation 3 LAN bypass allows unit to continue routing packets in 3 distinct states: power-on, just-on and systems off (fail to wire). Available for ports 3-4, 5-6, 7-8 and 9-10. Call for details. 					
Built-in firewall	512 Inbound, Outbound, DMZ Rules					
Built-in VPN (IPsec & SSL)	64 VPN endpoints					
Concurrent calls (failover in 6seconds)					400 (200)	400 (200)
SIP Proxy/SIP registrar	No registration limit					
Transparent SIP redirects					x	x
SIP load balancing					x	x
Seamless call failover					x	x
USB 3.0 ports	2	2	2	2	2	2
Physical dimensions	17" x 18.4" x 1U rack mountable	17" x 18.4" x 1U rack mountable	17" x 18.4" x 1U rack mountable	17" x 18.4" x 1U rack mountable	17" x 18.4" x 1U rack mountable	17" x 18.4" x 1U rack mountable
Part number	PL-10000	PL-20000	SL-10000	SL-20000	CL-10000	CL-20000



2800 Campus Drive • Suite 140 • Plymouth, MN 55441
Phone: (763) 694-9949 Toll free: (800) 669-6242 Fax: (763) 551-0664
sales@ecessa.com www.ecessa.com

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