

## ECESSA POWERLINK<sup>®</sup> FAILOVER AND LOAD BALANCING TECHNOLOGY

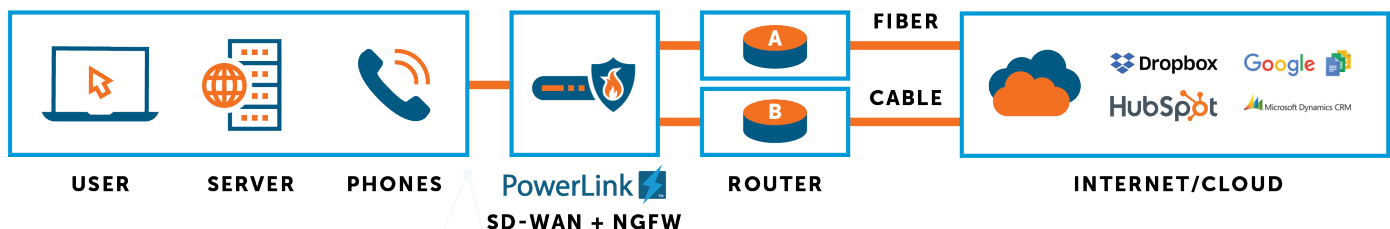
### Add Greater Security, Reliability and Intelligent Traffic Management with Ecessa PowerLink<sup>®</sup>

Ecessa PowerLink delivers failover and load balancing technology together with a Next Generation Firewall (NGFW), providing greater reliability, security, bandwidth and redundancy to any network. By leveraging multiple connections (xDSL, Cable, 3G/4G/5G, fixed wireless, satellite, etc.), Ecessa PowerLink provides reliable Internet access and VoIP performance. PowerLink allows traffic to be deployed across multiple Internet and/or service provider networks for redundant link connectivity, delivering automatic real-time failover. This ensures VoIP call sessions remain active, even in the case of a service provider outage.

PowerLink creates multi-homed networks of up to 25 WAN links to eliminate link congestion, providing full connectivity and continuous service. PowerLink uses intelligent outbound traffic management to load balance across all WAN links, and DNS to load balance inbound services. PowerLink includes a built-in Layer 7 Next Generation firewall with intrusion detection and prevention features and VPN capabilities. It can function as your all-in-one firewall and SD-WAN device at HQ or branch locations, or simply pass traffic to your existing firewall. Its SIP Proxy, SIP Registration Server and NAT Proxy features allow SIP traffic to be load balanced among network connections for optimal call quality and constant VoIP uptime.

### PowerLink Features

- Access Control List (ACL)
- Automatic failover
- Built-in VPN support
- Definable in/out IP rules
- Load balance links and inbound services
- Quality of service and traffic shaping
- PCI compliant
- Seamless VoIP uptime
- SIP traffic load balancing
- Next Generation firewall with IDS/IPS and web content filtering



**Learn More – Call Today For Your Free Quote 800.669.6242.**

## PowerLink Benefits

### Network Performance

Applications are coming from everywhere—the Cloud, SaaS, your data center or branch. PowerLink allows businesses to leverage their available circuits and aggregate bandwidth.

### Redundancy

Business can no longer afford to be down. PowerLink’s automatic link failover and traffic shaping guarantee availability and performance for applications sensitive to WAN link delays or failures.

### Expense Management

SD-WAN technology can leverage Internet broadband connections to augment or even replace more expensive solutions. PowerLink can help with that and may even allow the removal of expensive routing hardware.

### Network Management

SD-WAN technology can also make networks more manageable. PowerLink can be controlled through Ecessa Insight® giving users the ability to actively manage and monitor their networks from anywhere.

## The Ecessa Difference

Ecessa takes a progressive approach to product and service offerings, allowing every organization to meet its technical and fiscal goals. Ecessa’s product line provides everything from basic failover to full data duplication in both physical and virtual formats. This allows customers of all sizes, in all industries, to take a measured and methodical approach when deploying SD-WAN.

- Ecessa Edge® introduces your network to load balancing, Layer 7 security and in-call failover.
- PowerLink® adds VPN and enhanced VoIP performance to your network.
- WANworX® offers a full featured SD-WAN solution with native Azure support and a Never Down® guarantee.

Comparison Chart	Ecessa Edge®	Ecessa PowerLink®	Ecessa WANworX®
Automatic Failover & Load Balance	✓	✓	✓
Active/Active use of Bandwidth and Session Load Balancing	✓	✓	✓
QOS (Quality of Service)	✓	✓	✓
Next Generation Firewall with IDS/IPS	✓	✓	✓
SIP Call Load Balance & Failover	✓	✓	✓
Authoritative DNS		✓	✓
Encryption (IPsec & SSL VPN)		✓	✓
IPsec Encrypted SD-WAN Tunnels			✓
Packet Level Duplication			✓
Virtual Instance and Same IP Failover			✓
WANworX Upgradeable	✓	✓	

## ECESSA Insight®

Functionality and flexibility in a modern network is a necessity for any organization. Ecessa Insight® makes deploying and maintaining Ecessa devices as simple as possible. With Ecessa Insight you can monitor, manage and report on your WAN connectivity - anytime, from anywhere you can access the internet.

### PowerLink 150 and 350



### PowerLink 750



### PowerLink 1250 and 4000



### PowerLink 10G and 20G



	PowerLink150	PowerLink350	PowerLink750	PowerLink1250	PowerLink4000	PowerLink10G	PowerLink20G
<b>Intelligent Load Balancing</b>	Inbound & Outbound	Inbound & Outbound	Inbound & Outbound	Inbound & Outbound	Inbound & Outbound	Inbound & Outbound	Inbound & Outbound
<b>WAN Link Redundancy (Automatic Failover and Failback)</b>	✔	✔	✔	✔	✔	✔	✔
<b>Redundant WAN Links Supported</b>	Up to 3	Up to 15	Up to 15	Up to 25	Up to 25	Up to 25	Up to 25
<b>Traffic Throughput</b>	150 Mbps	350 Mbps	750 Mbps	1.25 Gbps	4 Gbps	10 Gbps	20 Gbps
<b>VPN Accelerator Card (Optional)</b>						3 Gbps	4 Gbps
<b>Encrypted Throughput</b>	75 Mbps	175 Mbps	450 Mbps	600 Mbps	2 Gbps	2 Gbps	2 Gbps
<b>IDS/IPS/Firewall Throughput</b>	100 Mbps	120 Mbps	250 Mbps	700 Mbps	800 Mbps	900 Mbps	1.6 Gbps
<b>Maximum Recommended Users</b>	50	100	200	400	700	1000	2000
<b>Interface Speeds</b>	10/100/1000 (Ethernet)	10/100/1000 (Ethernet)	10/100/1000 (Ethernet)	10/100/1000 (Ethernet)	10/100/1000 (Ethernet)	10/100/1000 (Ethernet)	10/100/1000 (Ethernet)
					Optional 10 Gbps (Fiber)	Optional 10 Gbps (Fiber or Copper)	Optional 10 Gbps (Fiber or Copper)
<b>Number of Ports</b>	6	6	6	6 or 14	8	10 or 16	12, 18 or 24
<b>Wireless/3G/4G/5G Compatible (Ethernet)</b>	✔	✔	✔	✔	✔	✔	✔
<b>Next Generation Firewall (IDS/IPS)</b>	✔	✔	✔	✔	✔	✔	✔
<b>SIP Proxy/SIP Registrar</b>	✔	✔	✔	✔	✔	✔	✔
<b>SIP In-Call Failover</b>	Inbound & Outbound	Inbound & Outbound	Inbound & Outbound	Inbound & Outbound	Inbound & Outbound	Inbound & Outbound	Inbound & Outbound
<b>Built-in VPN (IPsec &amp; SSL)</b>	✔	✔	✔	✔	✔	✔	✔
<b>256-bit Encryption Engine</b>	✔	✔	✔	✔	✔	✔	✔
<b>Full Authoritative DNS Server</b>	✔	✔	✔	✔	✔	✔	✔
<b>Number of domain name entries</b>	128	256	512	1024	1024	1024	1024
<b>Number of hosts per domain</b>	128	256	512	1024	1024	1024	1024
<b>Full Mesh Network Routing</b>	✔	✔	✔	✔	✔	✔	✔
<b>QoS Traffic Management</b>	✔	✔	✔	✔	✔	✔	✔
<b>Event Reporting (SNMP, NetFlow)</b>	✔	✔	✔	✔	✔	✔	✔
<b>Remote Syslog Compatible</b>	✔	✔	✔	✔	✔	✔	✔
<b>Ecessa Insight Compatible</b>	✔	✔	✔	✔	✔	✔	✔
<b>High Availability (HA Support)</b>	✔	✔	✔	✔	✔	✔	✔
<b>Fail-to-Wire / Network Bypass</b>	✔	✔	✔	✔	✔	✔	✔
<b>Power</b>	Adapter 100-240 Volt 50-60 Hz. 36 Watts	Adapter 100-240 Volt 50-60 Hz. 36 Watts	Adapter 100-240 Volt 50-60 Hz. 40 Watts	Integrated 100-240 Volt 50-60 Hz. 220 Watts	Integrated 100-240 Volt 50-60 Hz. 220 Watts	Integrated, Redundant, Hot Swappable 100-240 Volt 50-60 Hz. 300 Watts	Integrated, Redundant, Hot Swappable 100-240 Volt 50-60 Hz. 300 Watts
<b>Form Factor</b>	Desktop	Desktop	Desktop	1U	1U	1U	1U
<b>Mounting Options</b>	Rack Mount Kit	Rack Mount Kit	Rack Mount Kit	Rack Mount Kit	Rack Mount Kit	Rack Mount Kit and Rails	Rack Mount Kit and Rails
<b>Physical Dimensions (WxDxH)</b>	9.4"x6.5"x1.7"	9.4"x6.5"x1.7"	9.1"x7.8"x1.7"	17.2"x12.6"x1.7"	17.2"x12.6"x.7"	17"x18.4"x1.7"	17"x18.4"x1.7"