

ECESSA POWERLINK[®] FAILOVER AND LOAD BALANCING TECHNOLOGY

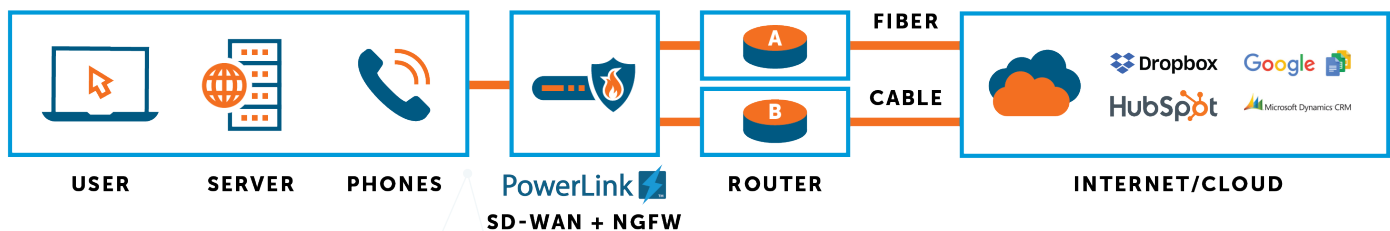
Add Greater Security, Reliability and Intelligent Traffic Management with Ecessa PowerLink[®]

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 |
|--|---|---|---|---|---|---|---|
| Intelligent Load Balancing | Inbound & Outbound | Inbound & Outbound | Inbound & Outbound | Inbound & Outbound | Inbound & Outbound | Inbound & Outbound | Inbound & Outbound |
| WAN Link Redundancy (Automatic Failover and Failback) | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Redundant WAN Links Supported | Up to 3 | Up to 15 | Up to 15 | Up to 25 | Up to 25 | Up to 25 | Up to 25 |
| Traffic Throughput | 150 Mbps | 350 Mbps | 750 Mbps | 1.25 Gbps | 4 Gbps | 10 Gbps | 20 Gbps |
| VPN Accelerator Card (Optional) | | | | | | 3 Gbps | 4 Gbps |
| Encrypted Throughput | 75 Mbps | 175 Mbps | 450 Mbps | 600 Mbps | 2 Gbps | 2 Gbps | 2 Gbps |
| IDS/IPS/Firewall Throughput | 100 Mbps | 120 Mbps | 250 Mbps | 700 Mbps | 800 Mbps | 900 Mbps | 1.6 Gbps |
| Maximum Recommended Users | 50 | 100 | 200 | 400 | 700 | 1000 | 2000 |
| Interface Speeds | 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) |
| | | | | | 10 Gbps (Fiber or Copper) | 10 Gbps (Fiber or Copper) | 10 Gbps (Fiber and/or Copper) |
| Number of Ports | 6 | 6 | 6 | 6 or 14 | 8 | 10 or 16 | 12, 18 or 24 |
| Wireless/3G/4G/5G Compatible (Ethernet) | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Next Generation Firewall (IDS/IPS) | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| SIP Proxy/SIP Registrar | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| SIP In-Call Failover | Inbound & Outbound | Inbound & Outbound | Inbound & Outbound | Inbound & Outbound | Inbound & Outbound | Inbound & Outbound | Inbound & Outbound |
| Built-in VPN (IPsec & SSL) | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| 256-bit Encryption Engine | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Full Authoritative DNS Server | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Number of domain name entries | 128 | 256 | 512 | 1024 | 1024 | 1024 | 1024 |
| Number of hosts per domain | 128 | 256 | 512 | 1024 | 1024 | 1024 | 1024 |
| Full Mesh Network Routing | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| QoS Traffic Management | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Event Reporting (SNMP, NetFlow) | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Remote Syslog Compatible | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Ecessa Insight Compatible | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| High Availability (HA Support) | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Fail-to-Wire / Network Bypass | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Power | 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 |
| Form Factor | Desktop | Desktop | Desktop | 1U | 1U | 1U | 1U |
| Mounting Options | 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 |
| Physical Dimensions (WxDxH) | 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" |