

PoliWall™ Transparent Bridge Security Appliance with HIPPIE™ Country Code/IP Address Filters



A Significant Advancement in Cyber-Security in a Cost-Effective Package

Simplified Traffic Management and Configuration

PoliWall™ provides simplified network security and communications traffic management by acting as a transparent bridge between a firewall and an external network. Its Layer 2 operation makes the PoliWall invisible on the network. Through the incorporation of VLAN (802.1Q) technology, your network protection can be extended to multiple networks in the enterprise. Its filtering can be configured to protect groups of devices, servers and services.

Installing the Poliwall is easily accomplished by placing it ahead of the firewall in an existing network configuration. Network configuration changes to accommodate the PoliWall are eliminated.

HIPPIE™ Country Code/IP Address Filter

PoliWall features a unique filtering capability through its HIPPIE filter (*High-speed Internet Protocol Packet Inspection Engine*). This filter enables a network administrator to block entire countries, Internet Registries, network ranges or any combination in seconds. Just click on a country using the HIPPIE global map to either accept or block them in your filter, or select countries from a list.

HIPPIE filters are easy to create and manage, have unlimited granularity across the entire IP address space and can process packets at wire speeds. The PoliWall collects statistics by country or by filter about attacks or attack origins.

Built-in Graphical User Interface (GUI)

PoliWall's menu-driven interface is straight-forward and intuitive, allowing easy configuration and management.

IPv4 and IPv6 Addressing Capabilities

While IPv4 addresses are currently the most common addressing protocol, the PoliWall meets future IT infrastructure needs and Federal government requirements by providing IPv6 addressing capability in its configuration.

Robust Role-Based Access Control

PoliWall features a hierarchical control permission system which allows the administrator a fine granular control of designated areas of the PoliWall.

Comprehensive Logging Utility

PoliWall maintains a 200+ GB rotating log history indexed for quick access. The logs collect data on command history, system operations and network activity. Poliwall logs can also be exported to an external server.

High Volume Traffic Capability

PoliWall supports fast Ethernet and gigabit Ethernet to process large amounts of data quickly.

PoliWall™ Specifications

Construction	1U rackmount chassis, heavy-duty steel
Dimension	426(W) x 379.8(D) x 43.5(H) mm(16.8 x 13.4 x 1.72)
Processor	Intel® Xeon® 3070
Memory	2 GB standard, 4 GB max
Cryptographic Protocols	Supports AES256, RSA and SHA1.
Storage	Internal 3.5" HDD 250 gigabyte
Cooling System	40mm fan x 4 for system cooling
System Control and Indicator	Power LED x 1 HDD LED x 1 Power on/off switch x 1 (Rear) LED x 2 on each RJ-45 receptacle
Number of device interfaces	4 dedicated ports
Ethernet	1, 2, 3, 4: 10/100/1000 (GBE)
System Console Port	COM port x 2 (1 x Rear) RS-232 & DB-9 receptacles USB 2.0 x 4 (2 x Rear)
Power Supply	260 W ATX power supply AC / DC 100 - 240V full range @ 47 ~ 63 Hz
Environment	Operating temperatures : 0°C to 40°C (32°F to 104°F) Storage temperatures : -20°C to 80°C (-4°F to 176°F) Relative humidity : 10% to 90% (Non-condensing) EAL 4+ in process -- www.niap-ccevs.org

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*U.S. Patent Pending



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