

# TechGuard® PoliWall®

## Transparent Security Bridge



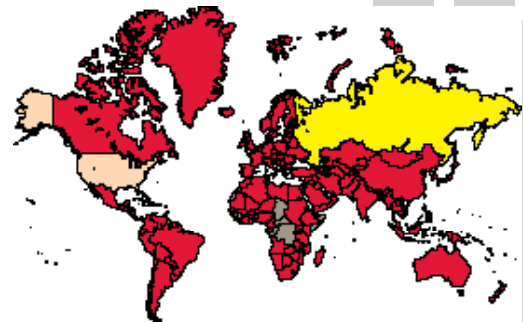
### A High Performance Security Appliance to Thwart Global Network Threats and Analyze Cyber Attacks

#### Advanced Packet Filtering with PoliWall

- Network access controlled by country of origin
- Ingress and Egress filtering
- Create hundreds of unique filtering policies to manage thousands of network resources
- Simplified Traffic Management and Configuration
- HIPPIE\* Country Code/IP Range Filter
  - Interactive Flash selection map with zoom/pan features
  - Bandwidth and packet acceptance/denial stats for each rule group
- IPv4 and IPv6 Compatible
- Robust Role-Based Access Control
- Internal/External Logging Function
  - Dropped Packets
  - System Logs
- Up to 10GB Throughput
- Layer 2 PoliWall invisible to the network

On the DoD Approved Product List!

JITC Certified as IPv6 Capable & Interoperable



**Stop Access from Entire Countries with ONE CLICK!**

#### Inserts Seamlessly Into Your Network



M10/M50



G01



G10

Block entire countries, IP subnets and specific IP addresses from accessing your network. Most attacks originate from foreign countries. Protect your resources by clicking on a country from the HIPPIE global map or select from a list. Allow only friendly and recognized addresses or ranges from blocked countries.

The Poliwall utilizes technology developed with the support of the U.S. Department of Commerce, National Institute of Standards and Technology, Advanced Technology Program, Cooperative Agreement #70NANBXH3055

\*High-speed Internet Protocol Packet Inspection Engine (U.S. and other patents pending)

# A Significant Leap in Cyber-Security

## Bandwidth Throttling, Quality of Service, and Alert Notification



### New Features

#### Bandwidth Throttling

Automatically block or restrict selected countries based on user-defined bandwidth utilization levels

#### Quality of Service

Prioritize network traffic based on country of origin

#### Alert Notifications

Receive alerts when user-selected countries, or groups of countries, reach user-defined bandwidth thresholds

#### Certifications

FIPS 140-2 Level 2 with level 3 Design Assurance (CCF and GCF models) -- In process

EAL LEVEL 4+ (CCF and GCF models) -- In process

## PoliWall Specifications

Model	M10	M50	G01	G10
<b>Certifications</b>				
<i>Common Criteria (In process)</i>	EAL Level 4+ (CCF and GCF models only)	EAL Level 4+ (CCF and GCF models only)	EAL Level 4+ (CCF and GCF models only)	EAL Level 4+ (CCF and GCF models only)
<i>FIPS (in process)</i>	140-2 Level 2 with Level 3 Design Assurance (CCF and GCF models only)	140-2 Level 2 with Level 3 Design Assurance (CCF and GCF models only)	140-2 Level 2 with Level 3 Design Assurance (CCF and GCF models only)	140-2 Level 2 with Level 3 Design Assurance (CCF and GCF models only)
<b>Networking</b>				
<i>Bridging Interface</i>	Copper RJ45	Copper RJ45	1 Gigabit Copper RJ45 1 Gigabit Short-Run Fiber	10 Gigabit CX4 Copper 10 Gigabit Short-Run Fiber
<i>Management interface</i>	10/100/1000 Copper RJ45	10/100/1000 Copper RJ45	10/100/1000 Copper RJ45	10/100/1000 Copper RJ45
<i>Throughput Limits</i>	100 Megabits down, 10 Megabits up	100 Megabits down, 50 Megabits up	1 Gigabit bidirectional	10 Gigabits bidirectional
<b>Physical</b>				
<i>RU</i>	1	1	1	2
<i>Power</i>	Single Power Supply	Single Power Supply	Single Power Supply	Dual Power Supply
<b>Hardware</b>				
<i>Memory</i>	4 GB	4 GB	16 GB	48 GB
<i>Processors</i>	1x Atom D510 @1.66Ghz	1x Atom D510 @1.66Ghz	1x Intel Xeon X3430 @ 2.4Ghz	2x Intel Xeon E5620 @ 2.4GHz
<i>Total Storage</i>	160 GB	160 GB	160 GB	2.4TB (8 X 300 GB)
<i>Logging Capacity</i>	IPv4 Packet Log: 50 GB IPv6 Packet Log: 50 GB System Log: 20 GB	IPv4 Packet Log: 50 GB IPv6 Packet Log: 50 GB System Log: 20 GB	IPv4 Packet Log: 50 GB IPv6 Packet Log: 50 GB System Log: 20 GB	IPv4 Packet Log: 400 GB IPv6 Packet Log: 400 GB System Log: 40 GB
<b>Policies/Options</b>				
<i>Max Number Of Policies</i>	64	64	128	512
<i>Max Number of PCELS</i>	4	4	16	32
<i>Max Number of Rule Groups</i>	32	32	64	256
<i>Max Number of Rules</i>	256	256	512	2048

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