

A Total Security Solution

A focused appliance that learns, adjusts, and instantly defends against new attacks.

Information Technology Security. Today it looms ever larger in importance for every business and government entity. Concern over IT security resounds and echoes through every aspect of modern organizations. In this age of information, anything less than comprehensive IT security jeopardizes an entire organization.

Barrier1™ combines the very latest in powerful software and hardware technologies into one easily installed, self-contained appliance. Barrier1 delivers.

The **BARRIER** Advantage

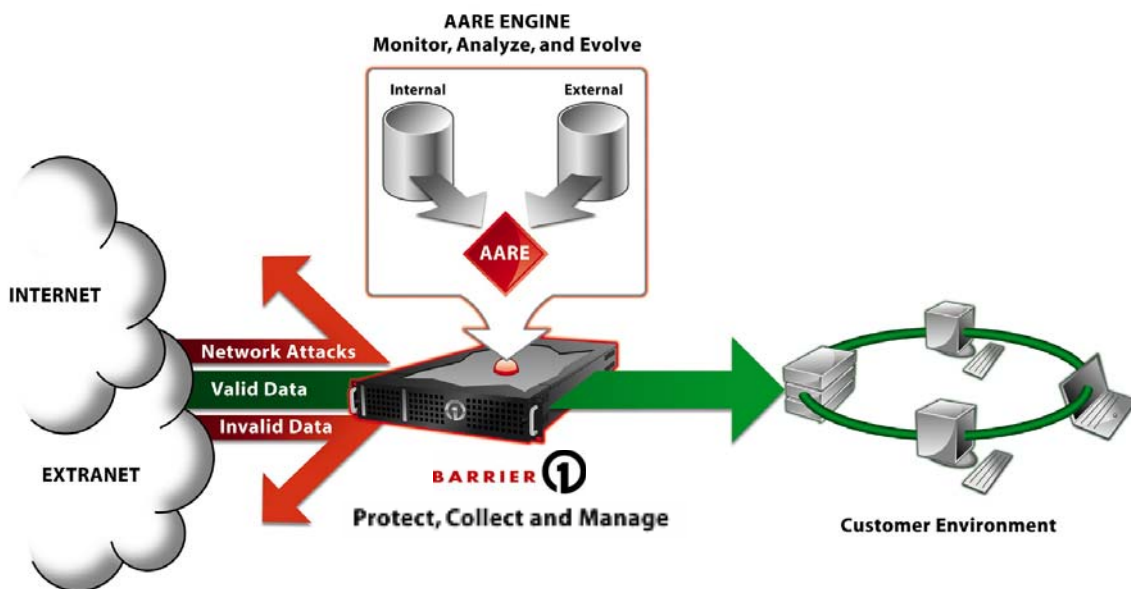
Barrier1 is a single appliance that incorporates industry recognized security technologies and uses patent pending Advanced Analysis and Reaction Engine (AARE) software to holistically and intelligently analyze, correlate and interpret data gathered from all these technologies. The AARE software enables the Barrier1 to learn, adjust, and instantly defend against new attacks.

This unique combination of patent pending software, security technologies, and 24/7 monitoring provides a distinct advantage in securing its customers network environment. Comprehensive and thorough development, testing, and validation processes prove the Barrier1's ability to fulfill the IT security needs of the marketplace. Internal testing, third party validation, and customer installations show 100 percent success at rendering a computer network invisible and self-correcting for both internal and external threats.

BARRIER Maximizes Return On Investment

Return on investment plays a crucial role in any business purchase decision today. Key elements of any ROI analysis include leveraging past investments with tomorrow's investment, competitive products and services available and the ongoing operating costs of annual license agreements, and annual support contracts. The Barrier1 solution addresses all of these elements to define an ROI that is very attractive to its customers.

The Barrier1 solution leverages past investments by working side-by-side with these security investments. It integrates 29 distinct security technologies into a single appliance and combines that with continuous software updates, along with 24/7 monitoring of the customer's security environment. The all-in-one cost model of the Barrier1 solution provides a comprehensive solution for organizations that seek a rapid and quantifiable return on investment.






Barrier1™ Cycle of Protection

Customized Solution, Complete Security.

The Barrier1™ is a fully integrated security appliance that is transparent to network performance. The Barrier1 comes in a 2U form factor with dual 64 bit processors, 4 GB RAM, 80 GB Disk – SCSI RAID, 12 network interfaces, and a purpose built and hardened secure O/S.

This hardware platform supports an aggregate throughput of 12 Gbps, inspection performance of 12 Gbps, event throughput of 50,000 events/sec and supports VPN throughput of 3 Gbps. Barrier1 comes sized to meet your need and can grow along with your organization.

Model 100	Model 200	Model 300
 <p>The model 100 appliance supports up to 4 Gbps throughput for up to 3,000 users.</p>	 <p>The model 200 appliance supports up to 8 Gbps throughput for up to 10,000 users.</p>	 <p>The model 300 appliance supports up to 12 Gbps throughput for up to 50,000 users.</p>

Technical Specifications

Internet Protocols

- IPv4/IPv6
- ICMP
- ARP
- CIDR
- Static Routes
- RIP
- RIP Version 2 (with authentication)
- OSPF
- BGP4
- DVMRP (multicast)
- IGMP (multicast)
- PIM-DM (multicast)
- PIM-SM (multicast)
- GRE tunnels
- 802.1Q
- Differentiated Services
- Bootp/DHCP Relay
- Route Aggregation
- Route Redistribution

LAN Support

- 10/100/1000 Mbps Ethernet

WAN Support

- PPP
- Frame Relay FRF.1
- HDLC Cisco
- T1/E1 (optional)
- V.35/X.21 (optional)
- ATM

Application Acceleration

- Firewall Flows
- Cache Server

Supported Standards

- IPSec
 - PPTP
 - L2TP
 - GRE
 - SSL-VPN
- #### Management
- SNMP
 - SNMPv2c
 - SNMPv3
 - SSHv2 (secure Telnet & FTP)
 - HTTP Server
 - SSH/TLS
 - Secure HTTP
 - All Management via VPN tunnel and SSH on any interface
 - SNMP Full Custom MIB

High Availability

- VRRP
- State Synchronization
- Clustering
- Disk Mirroring with Hot Swap
- Redundant Interfaces
- Configuration Synchronization
- Session Synchronization
- Session Failover
- Device Failure Detection
- Link Failure Detection

System Status Indicators

- 10/100/1000 Ethernet port status
- Power, Warning, Fault

Security

- Security Administrative Access
- Read/Write and Read-Only Access Modes
- SSH (Secure Telnet & FTP)
- SSL/TLS (Secure HTTP)
- One-time Passwords
- Access Control Lists
- MD5 Routing
- Host-based Intrusion Detection
- Centralized Authentication
- Native IPSec
- DNS Client
- NTP Client and Server
- Radius Client
- TACACS+ Client
- NAT
- PAT

Performance

- Aggregate throughput 12 Gbps
- Inspection performance 12 Gbps
- Event throughput 50,000 events/sec
- VPN throughput 3 Gbps

Hardware

- 2U Form Factor
- Dual Advanced 64 bit processors
- 4 GB memory
- 80 GB Disk – SCSI RAID
- 12 Interfaces
- Purpose Built and Hardened Secure O/S

Get Started Today

Contact The Barrier Group at 877.230.6789 or sales@thebarriergroup.com to discuss your network security needs.

The Barrier Group

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The Only Line of Defense:

A Small Business Security Solution

Network security concerns are as important to small business users as they are to large corporations. When your office is connected to the Internet you are exposed to the same network threats as every other organization, large and small. Many times small business environments are at a greater risk than large organizations because they don't have the resources available to maintain the security profile of their network environment. The burden of security does not end with the implementation of a security technology, but in the on-going updating, management and support of your security profile. To effectively maintain a strong security profile requires security-trained people to ensure the firewall rules are current and reflect the presence of ever evolving threats, to ensure that the antivirus protection is current and up to date, and to know what to do when a new threat presents itself. This is where The Barrier Group can help. The Barrier1 Model 25 is an integrated security appliance providing network defense technologies along with 24/7 monitoring and maintenance of your security profile. When you subscribe to the Barrier1 Model 25 service package, you off-load the burden of network security to the security professionals allowing you to focus on your business.



The Barrier1 Model 25 comes in a Micro ATX case form factor that fits anywhere in your office. It is an integrated network security appliance built to address the needs of a small business. The Barrier1 Model 25 is focused on organizations with up to 50 users providing an enhanced firewall, anti-spam, antivirus, intrusion detection and prevention, and Web content filtering protection as a single solution. The Model 25 comes with an advanced 64 bit processor, 512 MB of RAM, a 60 GB Disk, 2 – 1 GB network interfaces, and a purpose built and hardened secure O/S. This hardware and software platform supports an aggregate throughput of 300 Mbps with full inspection of every packet, providing complete protection while appearing transparent on network performance.

This state of the art technology in conjunction with the 24/7 monitoring and maintenance of your network delivers a solution that your organization deserves at a price that provides a great value.

Technical Specifications

LAN Support

- IPv4/ IPv6
- 802.1Q
- Bootp/DHCP Relay
- 10/100/1000 Mbps Ethernet

Application Acceleration

- Firewall Flows
- Cache Server

Management

- SNMP
- SSHv2 (secure Telnet & FTP)
- HTTP Server
- SSH/TLS
- Secure HTTP
- All Management via VPN tunnel and SSH on any interface

System Status Indicators

- 10/100/1000 Ethernet port status
- Power, Warning, Fault

Security

- Security Administrative Access
- Read/Write and Read-Only Access Modes

- SSH (Secure Telnet & FTP)
- SSL/TLS (Secure HTTP)
- One-time Passwords
- Access Control Lists
- MD5 Routing
- Host-based Intrusion Detection
- Centralized Authentication
- Native IPsec
- DNS Client
- NTP Client and Server
- Radius Client
- TACACS+ Client
- NAT
- PAT

Performance

- Aggregate throughput 300 Mbps
- Inspection performance 300 Mbps
- Event throughput 20,000 events/sec

Hardware

- Desktop Micro ATX case
- Advanced 64 bit processor
- 512 MB RAM
- 60 GB Disk
- 2 – 1 GB Interfaces
- Purpose Built and Hardened Secure O/S

Get Started Today

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A Mid-Size Business Security Solution

If your organization is connected to the Internet you are a part of a large global network and are inherently exposed to a wide range of potential security threats, including theft of critical information, the malicious acts of viruses, network worm infections and the nuisances of e-mail spam. When you are connected to the Internet, these acts, which are costly in both time and money, affect the productivity of your business.

The protection of your network is a critical element to your organization, yet in many ways cost prohibitive. How can mid-size organizations respond to these threats effectively and economically while maintaining focus on their core business? The Barrier Group understands this issue and is here to provide your organization with a level of security and security management that only large corporations can afford. The burden of security does not end with the implementation of a security technology, but in the on-going updating, management and support of your security profile. To effectively maintain a strong security profile requires security-trained people to ensure the firewall rules are current and reflect the presence of ever evolving threats, to ensure that the antivirus protection is current and up to date, and to know what to do when a new threat presents itself. The Barrier Group offers a network security solution that combines patent pending technology with 24/7 monitoring and maintenance of your network security environment.



The Barrier1 Model 50 is a 1U form factor integrated network security appliance built to address the needs of a mid-size business. The Barrier1 Model 50 is focused on organizations with up to 150 users providing an enhanced firewall, anti-spam, antivirus, intrusion detection and prevention, and web content filtering protection in a single solution. The Model 50 comes with an advanced 64 bit processor, 1 GB of RAM, a 60 GB Disk, 2 – 1 GB network interfaces, 1 – 10/100 MB network interface, and a purpose built and hardened secure O/S. This hardware and software platform supports an aggregate throughput of 500 Mbps with full inspection of every packet, providing complete protection while appearing transparent on network performance.

This state of the art technology in conjunction with the 24/7 monitoring and maintenance of your network delivers a solution that your organization deserves at a price that provides a great value.

Technical Specifications

LAN Support

- IPv4/ IPv6
- 802.1Q
- Bootp/DHCP Relay
- 10/100 Mbps Ethernet

Application Acceleration

- Firewall Flows
- Cache Server

Management

- SNMP
- SSHv2 (secure Telnet & FTP)
- HTTP Server
- SSH/TLS
- Secure HTTP
- All Management via VPN tunnel and SSH on any interface

System Status Indicators

- 10/100/1000 Ethernet port status
- Power, Warning, Fault

Security

- Security Administrative Access
- Read/Write and Read-Only Access Modes
- SSH (Secure Telnet & FTP)

- SSL/TLS (Secure HTTP)
- One-time Passwords
- Access Control Lists
- MD5 Routing
- Host-based Intrusion Detection
- Centralized Authentication
- Native IPSec
- DNS Client
- NTP Client and Server
- Radius Client
- TACACS+ Client
- NAT
- PAT

Performance

- Aggregate throughput 500 Mbps
- Inspection performance 500 Mbps
- Event throughput 20,000 events/sec

Hardware

- 1U Form factor
- Advanced 64 bit processor
- 1 GB RAM
- 60 GB Disk
- 2 – 1 GB Interfaces
- 1 – 10/100 MB Interface
- Purpose Built and Hardened Secure O/S

Get Started Today

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