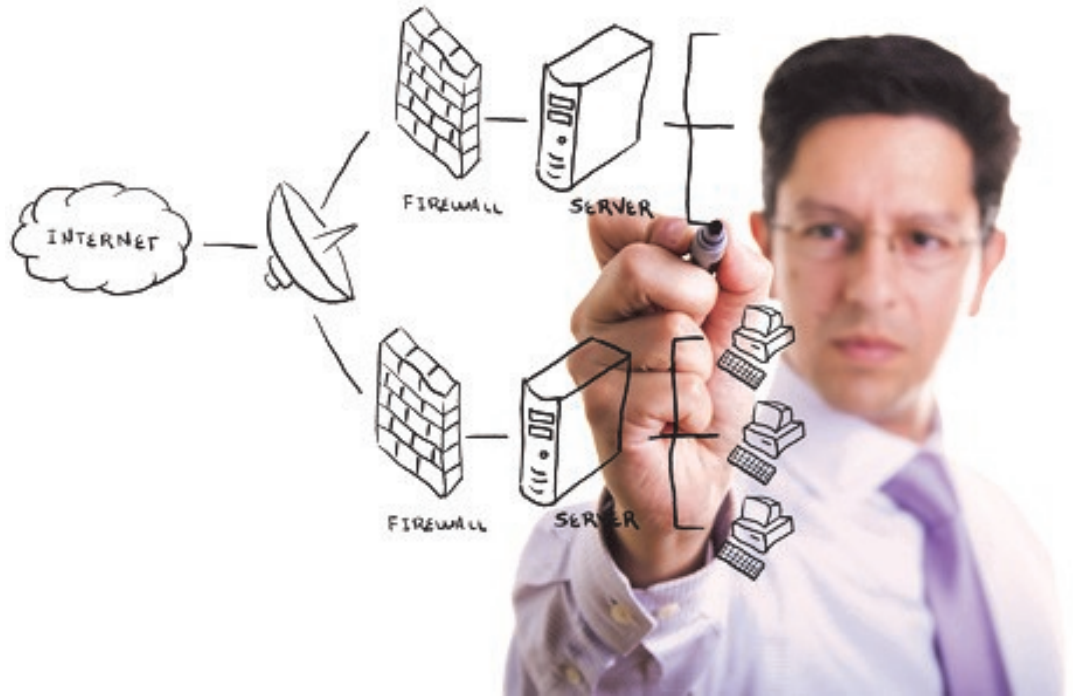


# Managed Security Solutions

## Managed Firewall



### INTERNET SECURITY

Prevents unauthorized access to applications or information assets by providing businesses with fine-grain identity- or network-based access control.

### NETWORK PROTECTION

Enables businesses to safely deploy new applications by providing advanced application-layer security services for a wide range of popular applications, including Web-based applications, e-mail, voice over IP (VoIP), video, and multimedia applications

### FIREWALL

The Cisco management and monitoring suite enables large-scale deployment and operation of the Cisco ASA 5500 Series Firewall Edition. Cisco provides a complete solution, covering management and monitoring.

Consort's Managed Firewall solutions provide the initial and essential network security functions for organizations implementing Internet-based internetworking. Consort not only provides the security system components, but also includes the installation, day-to-day management and maintenance procedures for firewall server and software, as well as expert support and proactive security monitoring.

**The High-Availability (HA) Firewall Configuration** is designed for businesses with relatively moderate bandwidth requirements but have high uptime and security requirements. This High-Availability configuration is suited for situations where fail-over capabilities are desired, yet price is of key concern and the bandwidth requirements are well within the capabilities of one firewall hardware unit.

This solution improves fault tolerance but does not offer load balancing of any kind. This solution provides you with fail-over firewall capabilities and full redundancy of the design (four hubs and dual handoffs). Failover is provided through firewall software running VRRP. Maximum throughput is limited to the maximum throughput of a single Cisco appliance. The solution is designed for Cisco 5505, Cisco 5510 and Cisco 5520 servers, to address the firewall software license issues and overall throughput. The service is available for Ethernet and Fast Ethernet handoffs with the maximum throughput of 450 Mbps. The service fees for High Availability Firewall Configuration includes all hardware and software components.

## Additional Configurations...

### FLEXIBILITY

This flexible solution can adapt as an organization's needs evolve along with the ever-changing security threat landscape, giving businesses the ability to easily integrate market-leading intrusion prevention, antivirus, antispam, antispysware, URL filtering, and other advanced content security services for additional layers of protection.

### ZERO DOWNTIME

Businesses can maximize network uptime and throughput by taking advantage of the many resiliency and scalability services this solution has to offer, such as Active/Active high availability, "zero-downtime software upgrades," and integrated VPN clustering and load balancing.

### TRUSTED BRAND

Building upon the market-proven capabilities of the Cisco PIX® Family of security appliances, the Cisco ASA 5500 Series provides a wide range of services to secure modern network environ-



**High Availability (HA) Firewall Configuration with Load Balancing** is achieved through the use of load balancing switches. The load balancing design allows for a linear performance increase via the ability to add firewalls to the configuration. This is a significant advantage over other software based high availability and load balancing solutions available on the market. With this approach up to eight (8) firewall appliances can be placed between two (2) ServerIron switches to provide firewall high availability and performance load balancing.

**Redundant High-Availability (HA) Firewall Configuration with Load Balancing** is a truly fault tolerant firewall configuration. Firewall redundancy and load balancing is accomplished through the use of four (4) load balancing switches and up to eight (8) firewalls.

**High Performance Redundant High-Availability (HA) Firewall Configuration with Load Balancing** is designed to provide the ultimate performance and uptime. It is ideal for solutions requiring high throughput and maximum scalability. Through the use of redundant switches, the design is scalable to sixteen (16) firewalls. Recommended entry point of this solution is bandwidth requirement of 500Mbps-Committed Information Rate. Therefore, the basic system design includes eight (8) Foundry switches and five (5) Cisco servers. The service is available for dual Gigabit Ethernet handoffs with the maximum throughput of 3.5GB. The service fees for High Performance Redundant HA Firewall Configuration with Load Balancing include all hardware and software components.

## Fully Managed Firewall Offer

Hardware	Software	User Licenses	Max Capacity	Monitoring and Management
Cisco ASA 5505	Cisco ASA 5500 Series Firewall Edition	10-unlimited	<ul style="list-style-type: none"><li>• 150 Mbps Firewall</li><li>• 100 Mbps IPsec VPN</li></ul>	Included
Cisco ASA 5510	Cisco ASA 5500 Series Firewall Edition	10-unlimited	<ul style="list-style-type: none"><li>• 300 Mbps Firewall</li><li>• 170 Mbps IPsec VPN</li></ul>	Included
Cisco ASA 5520	Cisco ASA 5500 Series Firewall Edition	10-unlimited	<ul style="list-style-type: none"><li>• 450 Mbps Firewall</li><li>• 225 Mbps IPsec VPN</li></ul>	Included

**Note: Hardware and Software may change depending upon vendor's availability**



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