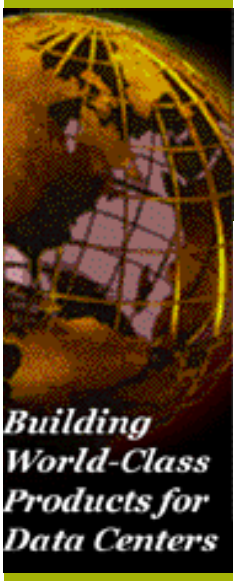
CUBIX Multiple Security Appliances



SECURED BY CHECK POINT™

Multiple Security Appliances Featuring Check Point VPN-1®/FireWall-1®

Securely leveraging the Internet to extend the corporate network can significantly improve the information flow and save communication costs. Cubix has created a hardened "security blade appliance" based upon market leading Check Point VPN-1/FireWall-1 to protect your data and communications.

Cubix offers multiple security appliances for rapidly deploying secure network services that include multiple VPN-1/FireWall-1. With the help of Check Point Authorized Resellers, robust multiple service environments with Anti-Virus protection, Intrusion Detection, Radius Authentication and other security solutions can also be configured.

The Cubix system uniquely integrates Check Point VPN-1/FireWall-1 software on "appliance blades". The blade architecture is ideal for multiple VPN-1/FireWall-1 deployments in space constrained data centers. To ensure maximum ease of use, these multiple VPN-1/FireWall-1 customer domains can be seamlessly managed using Check Point Provider-1™. Cubix's "Secured by Check Point" appliances, based on a hardened version of Red Hat Linux 7.0, conform to Check Point's rigorous hardening and certification guidelines for Linux operating systems, ensuring rich functionality, interoperability, and ease of deployment.

Multiple VPNs/Firewalls in a Box

Cubix's "Multiple Security Appliance" (MSA) is a family of fault-tolerant, densely packaged, chassis and security appliance blades which are tested and certified as "Secured by Check Point". MSA systems are designed for enterprises and service providers who support multiple security policies from a centralized location. Available in three or eight blade configurations, these hardened, ready to use, multi-appliance systems feature integrated KVM switching, n+1 hot-swap power systems, redundant cooling, PCI expansion slots and the ability to hot-swap appliance blades.

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Flexible Platforms for Building Security Farms

The MSA 300 and 800 offer the flexibility to create the security configuration that fits your needs. In addition to hosting multiple independent VPN/Firewall appliances that are fast and easy to deploy, many additional security configurations are possible. Following are just a few examples that can be configured with the assistance of Check Point Authorized Resellers:

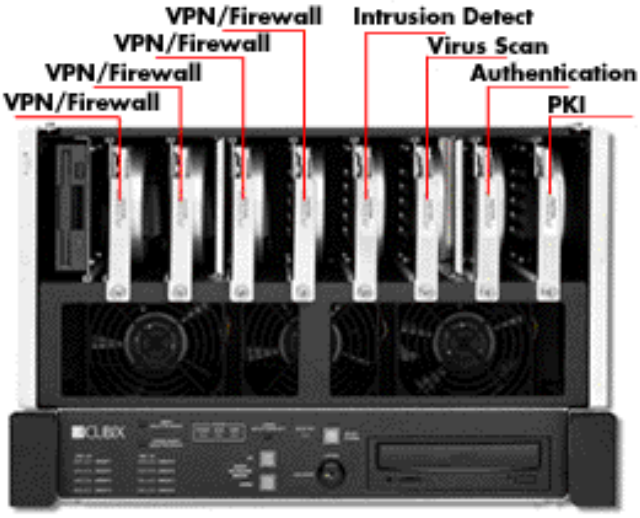
Build a Bandwidth Busting Cluster

If a single VPN/Firewall system is not able to satisfy the demands of high bandwidth deployments (Gigabit + performance), then clustering multiple blades, usually in concert with a switch, can provide you with that needed bandwidth. Using the MSA Series you can start with one or more blades and scale to meet increasing throughput needs – all in a single chassis.

MSA 300

Ideal for Deploying HA

If you cannot afford to have your VPN/Firewall services go down, you need High Availability (HA). Combining the fault-tolerance of the Cubix hardware with Check Point VPN-1/Firewall-1 and powerful HA fail-over software makes for a rock solid security solution.



MSA 800

Combine Additional Security Functions in a Single Chassis

In addition to VPN/Firewalls, additional blades can be used to deploy OPSEC™ certified security applications such as intrusion detection, virus scanning, URL screening, event monitoring, PKI, and authentication.

Performance Enhancements

Each appliance blade offers a PCI expansion slot for faster network interface cards or the VPN-1 Accelerator Card II to boost VPN-1 throughput. For multiple PCI adapter configurations, Cubix offers customized chassis options as well (contact a Cubix representative for more information).

Check Point VPN-1®/FireWall-1®

VPN-1®

VPN-1 Gateway, is a tightly integrated software solution combining the market-leading FireWall-1 security suite with sophisticated VPN technologies. The cornerstone of Check Point's Secure Virtual Network architecture, VPN-1 Gateway meets the demanding requirements of Internet, intranet, and extranet VPNs by providing secure connectivity to corporate networks, remote and mobile users, regional and branch offices, and key business partners.

VPN-1 Gateway supports sophisticated high availability configurations for IPSec traffic, and provides built-in resiliency for remote access VPNs. Extranets are made possible through support for industry standards as well as all leading PKI products and services. For superior performance, VPN-1 Gateway solutions can include bandwidth management, compression, and hardware-based VPN acceleration solutions from Check Point.

FireWall-1®

FireWall-1® enables network security to be managed with a single enterprise-wide policy. As the industry's most proven security solution, FireWall-1 delivers granular access control rules to secure traffic into a protected network. Check Point FireWall-1 is a comprehensive security platform that integrates and manages all elements of enterprise security, including:

- Access Control
- User Authentication
- Network Address Translation (NAT)
- Virtual Private Networking (VPN)
- High Availability
- Content Security (anti-virus, URL and Java/ActiveX screening)
- Auditing and Reporting
- LDAP-based User Management
- Intrusion Detection
- Malicious Activity Detection
- Third-party Device Management

Product Features

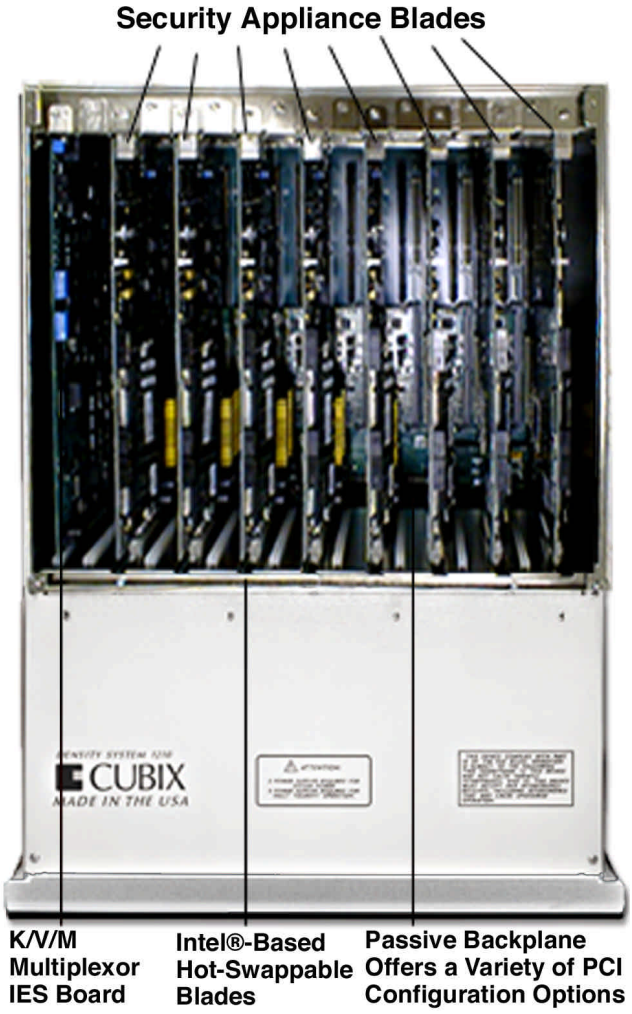
- Protects data communications with industry-standard encryption, authentication, and key management schemes
- Secures valuable corporate resources with FireWall-1
- Enables centralized, integrated, policy-based management of the entire enterprise security policy
- Includes advanced OpenPKI support, integrated bandwidth management, compression, and sophisticated High Availability solutions

Product Benefits

- Ensures maximum security for corporate resources and Internet communications
- Lowers cost of connecting mobile workers, telecommuters, and branch offices
- Eases network security management and reduces administrative overhead
- Provides scalability, reliability, and superior performance for mission-critical VPNs

Enterprise security can be extended with Check Point's Open Platform for Security (OPSEC), providing central integration and management of complementary third-party security applications, services and platforms.

A Unique Architecture For Multiple Security Appliance Deployments



TECHNICAL SPECIFICATIONS

Processor:	Intel Pentium® III
Operating System:	Hardened OS based on Red Hat Linux 7.0
Network Interfaces:	3x integrated10/100 Ethernet
Expansion Slots:	1x PCMCIA and 1x PCI
RAM:	256MB
Throughput:	FireWall-1 200-300 Mbps (estimated) VPN-1 80 Mbps w/VPN-1 Accelerator Card II

	MSA 800	MSA 300
Height:	12.25"/311.15mm	8.75"/222.25mm
Depth:	24.4"/619.8mm	17"/431.8mm
Width:	19"/482.6mm	19"/482.6mm
Weight:	135lbs/61.36kg	68lbs/30.9kg
Mounting:	Four Post	Two Post

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