



DATA SHEET

3Com® SuperStack® 3 Firewall

Key Benefits

Secure remote connectivity

Mission-critical Security

Offers the most advanced stateful packet inspection security, certified by ICSA Labs. Supports the option of dual security zones—ideal for organizations such as schools where faculty and student networks need independent protection from each other, while safeguarding against Internet threats.

High availability is included as standard, allowing the deployment of a secondary resilient firewall that assumes control should the primary firewall fail.

High-Performance Integrated IPSec VPN
Provides enterprise-class VPN support, enabling secure connectivity between offices and remote workers. Hardware accelerated encryption delivers superior IPSec VPN performance.

L2TP/IPSec offers compatibility with the standard VPN client supplied on Microsoft Windows 2000/XP operating systems, eliminating the need to install additional software. An unlimited SafeNet SoftPK v5.x VPN client license is included for supporting older Windows operating systems, further reducing the need for additional software purchases.

The 3Com SuperStack® 3 Firewall safeguards enterprise networks against threats from the Internet, and boasts a comprehensive, high-performance IPSec VPN capability for securely connecting remote workers and

Bandwidth Management and Control

Gives administrators highly flexible bandwidth management control so they can prioritize which outbound applications, such as voice, take precedence over non-mission critical traffic. Comprehensive web filtering capabilities offer an additional degree of bandwidth control. They ensure that the web is used only for business-related activities and provide an effective method of enforcing acceptable web usage policies.

Flexible Management and Reporting

Delivers secure remote browser-based management, using HTTPS/SSL technology that is compatible with most web browsers. Comprehensive logging and e-mail alerts effectively monitor network security and thwarted hacker attempts. 3Com® Network Supervisor management—powerful yet easy-to-use—maps and monitors the network, quickly alerting administrators to emerging problems.

Ease of Use

Dramatically reduces security risks by providing a comprehensive setup wizard to help prevent misconfiguration. Rapid VPN setup can create tunnels with just a few mouse clicks.

branch offices. With the optional SuperStack 3 Web Site Filter, it increases business productivity, reduces legal and privacy risks, and lowers administrative overhead by automatically enforcing acceptable use policies.

3Com SuperStack 3 Firewall Web Site Filter

The 3Com SuperStack 3 Web Site Filter integrates with the SuperStack 3 Firewall to provide a flexible tool for comprehensive filtering based on keyword, time of day, and trusted and forbidden domain designations.

The filter service, available to an unlimited number of users, includes weekly

automatic updates to ensure proper enforcement of access restrictions on new and relocated websites.

By customizing the content filter list, organizations can block nearly 100% of objectionable material, including most automatically downloaded file types such as cookies, Java, and ActiveX.

Specifications



Interfaces

Three RJ-45 10/100 BASE-T Ethernet/Fast Ethernet (WAN, LAN, and DMZ) ports with auto-negotiated speed and duplex mode

All ports are Uplink/Normal selectable

Performance

Unlimited firewall users

190 Mbps firewall throughput

30,000 concurrent TCP/UDP sessions

1,000 concurrent branch VPN tunnels

45 Mbps VPN DES and 3DES encryption

21 Mbps VPN ARC4 encryption

System

Dedicated real-time operating system

233 MHz StrongARM RISC CPU

VPN crypto accelerator coprocessor

Real time clock with lithium-ion battery

16 MB RAM

4 MB Flash ROM

Power

Input voltage: 90-264 VAC

Operating frequency: 47-63 Hz

3Com Advanced Redundant power supply connector: Type 1

Protocol Support

TCP/IP, UDP, ICMP, DHCP, NAT, PPPoE, HTTP, RADIUS, SecureID, ARP, MD5, IKE/ISAKMP, IEEE 802.3, ISO 8802-3; IPSec ARC4, DES, 3DES

Management

Embedded Web GUI interface (plain text or HTTP/SSL encryption)

Bandwidth shaping by policy (protocol/application, IP address, time of day)

3Com Network Supervisor

Event logging: e-mail, SNMP v1, Syslog server

Website, client, and category filtering

Automated firmware update notification

WebTrends Firewall Suite compatibility

N2H2 and Websense Enterprise filtering compatibility

Reliability

MTBF (MIL): 446,000 hours at 25° C/289,000 hours at 50° C

Environmental

Operating temperature: 0° to +50° C

Storage temperature: -10° to +70° C

Humidity: 10 to 95% (noncondensing)

Standards Compliance

Safety: UL 1950, EN 60950, CSA 22.2 No. 950, IEC 950

EN55022 Class A, EN 50082-1, FCC Part 15, Subpart B, ICES-003 Class A, VCCI Class A, EN55024, CNS 13438 Class A

Functional: ICSA Labs-certified, ISO/IEC 8802-3, IEEE 802.3, IPSec, IKE, PPPoE, L2TP/IPSec, 56-bit DES and ARC4, 168-bit 3DES, TCP/IP v4, UDP, HTTP, HTTPS, SSLv1&2, SNMP v1, FTP, DHCP

Dimensions and Weight

Height: 1RU, 44 mm (1.7 in)

Width: 440 mm (17.3 in)

Depth: 230 mm (9.0 in)

Weight: 2.55 kg (5.6 lb)

Ordering Information

3Com SuperStack 3 Firewall

Ships with 56-bit encryption, upgradeable to 168-bit encryption where import/export laws permit. For more information on country restrictions go to http://www.3com.com/firewall_global

3CR16110-95

3Com SuperStack 3 Firewall Web Site Filter

Annual subscription-based content filtering service offering 12 content categories with weekly automated updates.

3C16111

Optional Accessories

3Com SuperStack 3 Advanced Redundant Power System Chassis

3C16071B

3Com SuperStack 3 Advanced Redundant Power System Type 1 60W Power Supply Module

3C16072

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To learn more about 3Com solutions, visit www.3com.com. 3Com Corporation is publicly traded on Nasdaq under the symbol COMS.

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