



DATA SHEET

3Com® OfficeConnect® Internet Firewall

Key Benefits

Easy to install and use

3Com® OfficeConnect® Internet Firewalls use standard Ethernet connections and can be customized using a simple web-based interface, so little or no in-house expertise is required.

Control Internet use

Block inappropriate material, determine which sites that staff can access, and log usage.

Affordable

Effective and secure firewall protection using technology similar to that used in systems employed by large organizations, but at a fraction of the cost.

Protect your network

Keep hackers out of the network while allowing Internet access for everyone in the office.

Share a single connection and IP address

All users on the network can be connected to the Internet through one connection using one IP address. This saves money by eliminating the need to purchase multiple lines and IP addresses from your service provider.

Secure private connections across the Internet

By installing the optional Virtual Private Network (VPN) upgrade, save on costly leased lines or inter-office remote access communications by using standard IPsec to encrypt data sent over the public network.

The affordable way to protect the network from Internet hackers

The OfficeConnect Internet Firewalls are the affordable, effective way for small businesses to secure their networks. Hacker attack is a real risk and more common than many people realize. Hackers from around the world can hack into computers with an Internet connection. Some want to steal data. Others spread havoc at random—using software easily available on the Internet to damage and destroy networks and information. Today, hacking is a serious threat to many organizations.

In the past, robust high specification firewall protection was expensive, complex, and required specialized in-house IT administration. Now secure protection is available for a fraction of the cost and complexity.

OfficeConnect Internet Firewalls are easy to install and configure. They keep hackers out and can also control Internet usage from the LAN. You can prevent access to inappropriate material, keep a log of which sites are being accessed most frequently and analyze how much bandwidth your Internet connection is using. An entire office can share a single IP address from an Internet Service Provider (ISP) saving money, and possibly removing the need for a specialized router.

3Com OfficeConnect Internet Firewalls are a core part of the OfficeConnect family of products, providing small businesses with the power to share information, connect remote locations, and access the Internet.

The 3Com OfficeConnect Internet Firewall Family

Share Internet access

The use of Network Address Translation (NAT) allows multiple LAN users to share a single IP address from an ISP. This means multiple users can access the Internet using any modem or router with an Ethernet connection and low-cost Internet account.

3Com OfficeConnect Internet Firewall family

The OfficeConnect Internet Firewall 25 provides Internet security for up to 25 users; and the OfficeConnect Internet Firewall DMZ supports up to 100 users and features a De-Militarized Zone (DMZ) port. This is an additional port for connecting publicly accessible servers such as a web server. The DMZ port is protected from Denial of Service (DoS) hacker attacks, but can be accessed by external Internet users without exposing the network to attack. This functionality is essential for organizations considering e-commerce activity.

VPN upgrade

Through the purchase of this one-time upgrade, any OfficeConnect Internet Firewall can initiate and terminate up to five simultaneous secure IPsec VPN tunnels. This technology allows straightforward office-to-office or remote access communication over the Internet, saving costs while enhancing productivity.

Internet Access Filtering

Allows you to deny access to certain web sites or allow access only to those sites you specify. The Internet Firewalls can track the most accessed sites and the top users of bandwidth. They can also log or block access to web sites containing specified keywords in the URL.

3Com OfficeConnect Web Site Filter*

This provides Internet Firewalls with extended capabilities to control Internet access. Specify the categories of material and the Web Site Filter provides a list of thousands of controlled sites—and automatically updates it every week. Access to the sites can either be blocked or logged. The Web Site Filter is provided as a 12-month subscription. Both Internet Firewalls come with a free one-month trial.

Firewall security, logging, and alerts

The firewalls use secure Stateful Packet Inspection technology to deny unauthorized access to the LAN and prevent Denial of Service (DoS) and hacker attacks, including Ping of Death, SYN Flood, LAND Attack, IP Spoofing, Teardrop, and Bonk. Hackers may try to use Java, ActiveX, and Cookie technologies to attack networks, so the Internet Firewalls can either block these applications or allow them only from trusted sites. All events can be logged, and major security concerns can be flagged with an instant and automatic e-mail alert.

Typical Configuration

Figure 1 shows a typical configuration for the 3Com OfficeConnect Internet Firewall DMZ. The 3Com OfficeConnect Firewall 25 product uses the same configuration but without the DMZ port.

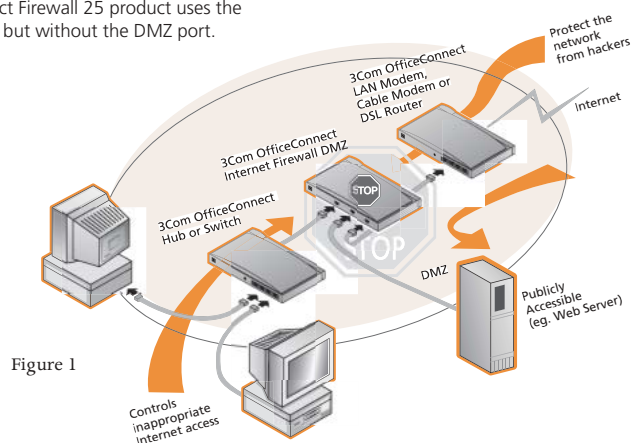


Figure 1

Features and Benefits

Feature	Benefit
Firewall Security	
Stateful Packet Inspection	Prevents unauthorized access and thwarts Denial of Service (DoS) attacks.
Security Alerts	Instant e-mail alerts and visual LED indication of major security concerns.
Remote Access Authentication	Allows users to access their private LAN via the Internet.
Internet Filtering	
Flexibility	Filtering can be customized on specified URLs and / or keywords.
Tracking	Logs 25 most accessed sites and 25 top users of bandwidth.
Web Site Filter (optional)	Automatically controls access to thousands of web sites.
Ease of use	
Getting Started Wizard	Intuitive, user-friendly tool that makes installation quick and easy.
Web-based management interface	Simple unit configuration via a web browser.
Network Address Translation (NAT)	Allows LAN users to share a single public IP address.
DHCP Server and Client	Dynamic Host Configuration Protocol supplies network addresses to computers automatically, simplifying configuration and management of the network.
Standard Ethernet connections and cabling	Allows simple connection to the network.
Performance	
10Mbps Ethernet LAN port	Higher transfer speeds than even the fastest Internet access technologies. Ensures the Internet Firewall will not be a bottleneck.
Compatibility	
OS independent	Supports all TCP/IP network operating systems including Windows 95, Windows 98, Windows for Workgroups, Windows NT, Windows 2000, UNIX, and Mac OS (7.5.3 and above).
Reliability	
OfficeConnect Internet Firewalls are backed by 3Com's telephone support and Lifetime Limited Warranty*	Peace of mind.
VPN	
Standards-based IPSec VPN (optional)	Allows secure transmission of private data over the Internet using encryption without the cost of leased lines.
ARC4, DES and 3DES encryption	56-bit or 168-bit encryption ensures data security and compatibility with most IPSec VPN terminators.

*Not applicable to OfficeConnect Web Site Filter.

Specifications

Dimensions & Weight

Width: 228mm (9.12in);
Height: 54mm (2.1in);
Depth 185mm (7.3in);
Weight: 870g (1.91lb)

Protocol Support

TCP/IP; DHCP;
Network address translator
(RFC 1631) TCP/IP
IPSec

Connectors

OfficeConnect Internet Firewall 25:

Two 10BASE-T, RJ45 ports.
LAN Port is Uplink/Normal selectable.

OfficeConnect Internet Firewall DMZ:

Three 10BASE-T, RJ45 ports.
LAN Port and DMZ port are Uplink/Normal selectable.

LED Indicators

Power; Alert; Link (per port);
Transmit (per port);
Receive (per port).
Power: 11VA

Standards Compliance

Functional: ISO 8802/3;
IEEE 802.3

EMC: EN55022 Class B[†];
EN50082-1; FCC Part 15 Class B;
ICES-003 Class B; VCCI Class B;
AS/NZS 3548 Class B; CISPR 22
Class B

Environmental: EN 60068 (IEC 68)

Safety: UL 1950; EN 60950; CSA
22.2 #950; IEC 950

Package Contents

- OfficeConnect Internet Firewall 25 or Internet Firewall DMZ.
- User Guide

- Power adapter, one-piece clipping system, and rubber feet.
- CD-ROM containing Companion Programs for the Internet Firewalls.
- Quick Start Guide
- Ethernet Cables

OfficeConnect Web Site Filter for Internet Firewalls

The OfficeConnect Web Site Filter will provide Internet filtering from inappropriate web sites* for 12 months, with weekly updates, after which time it will expire. The OfficeConnect Web Site Filter can only be used with an OfficeConnect Internet Firewall 25 or Internet Firewall DMZ.

Package Contents

User Manual with activation key to receive Web Site Filter and weekly updates.

VPN Upgrade

Enables secure transmission of private traffic over the Internet through encrypted tunnels.

Package Contents

User Manual with activation key to enable VPN capabilities. CD containing a VPN client.

System Requirements

- An Internet access device— a modem or router—with 10BASE-T or 10/100BASE-TX Ethernet connection. Examples include the 3Com OfficeConnect ISDN LAN Modem, OfficeConnect 56K LAN Modem, and OfficeConnect Remote 812 ADSL Router, and OfficeConnect Remote 612 ADSL Router.

- An Internet connection provided by an Internet service provider.
- A Category 3 or 5 (data grade) twisted pair cable (up to 100m [328ft] long) to connect WAN port to Internet access device, LAN port to an Ethernet 10Mbps or 10/100Mbps hub or switch, and DMZ port to a server or Ethernet 10Mbps or 10/100Mbps hub or switch.
- TCP/IP network operating system software. The 3Com OfficeConnect Internet Firewalls protect all networks running TCP/IP network operating systems software, including Windows 95, Windows 98, Windows NT, Windows 2000, UNIX, or Mac OS (7.5.3 and above).
- At least one computer with Windows 95, Windows 98, Windows NT, Windows 2000, and a CD-ROM drive is recommended, but not essential.

Warranty Summary

The OfficeConnect Internet Firewall 25 and Internet Firewall DMZ are covered by a lifetime limited warranty; the power adapter is also included in this warranty. To qualify for the warranty, you must submit a registration card or register on-line at the 3Com web site (<http://support.3com.com>).

The lifetime limited warranty is not offered where restricted or prohibited by law.

The OfficeConnect Internet Firewall 25 and Internet Firewall DMZ are covered by free 90-day telephone support.

Ordering Information

3Com OfficeConnect Internet Firewall 25	3C16770
3Com OfficeConnect Internet Firewall DMZ	3C16771

3Com OfficeConnect Web Site Filter	3C16772
3Com OfficeConnect VPN Upgrade for Internet Firewall	3CR16773-93

[†]Screened (shielded) cables must be used to ensure compliance with these standards.

*The 3Com OfficeConnect Web Site Filter uses the CyberNOT™ list, which is licensed from The Learning Company. This list is developed and maintained by the The Learning Company's Cyber Patrol unit.



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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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