# 3com

# 3Com® OfficeConnect® Gigabit VPN Firewall

## Secure high-performance wide area networking

## OVERVIEW

The 3Com® OfficeConnect® Gigabit VPN Firewall delivers business-class security, performance and reliability to small businesses or small branch offices. This robust security solution—ideally suited for sites with less than 100 employees—offers IPSec VPN, six Gigabit LAN ports, dual WAN Gigabit ports and advanced capabilities such as Quality of Service (QoS) and VLAN support. Meeting the bandwidth and performance demands of today's fast-paced business environment, the powerful platform of the OfficeConnect Gigabit VPN Firewall also ensures it is prepared to meet future needs.

SMBs today face more complex issues than ever—growing security threats, compliance and regulation concerns and more disbursed workforces—requiring solutions that move beyond basic networking. The OfficeConnect Gigabit VPN Firewall was designed to plug-and-play with other 3Com SMB solutions to help address these issues, while the price/performance value makes it an easy part of the network decision. The standards-based platform also allows the firewall to be easily incorporated into existing networks when a business makes the decision to add another level of security.

## KEY BENEFITS

### EFFECTIVE SECURITY

The OfficeConnect Gigabit VPN Firewall is designed to provide fast and secure communication for small businesses with multiple remote sites and workers. Using powerful stateful packet inspection firewall and intrusion detection, the VPN Firewall helps prevent unauthorized network access and blocks denial-of-service (DoS) and other common attacks that can cost time and money to fix.

Keyword and URL filtering enables control of web use to help enforce company policies and minimize exposure. Peer-to-peer application prevention helps businesses avoid the legal liability that can be associated with illegal or controlled file sharing.

This VPN Firewall supports IP security (IPSec) as well as PPTP and L2TP protocols, giving you flexibility in the choice of VPN communications.



3Com OfficeConnect Gigabit VPN Firewall

## KEY BENEFITS
**(CONTINUED)**

### PERFORMANCE

The 3Com OfficeConnect Gigabit VPN Firewall can initiate and terminate up to 50 simultaneous VPNs for both site-to-site and user-to-site communication and allows up to 253 users to share secure access to the Internet through a single connection.

With throughput of up to 500 Mbps for the firewall, and up to 60 Mbps VPN IPSec throughput, the high-performance OfficeConnect Gigabit VPN Firewall supports time-sensitive applications, keeping information moving and employees productive. The Gigabit platform is designed to handle the bandwidth demands for today's large data, voice and multimedia files.

Dual WAN ports support two broadband connections to help ensure minimal business disruptions, providing load-balancing for maximum throughput and efficiency or failover in the event that the primary ISP connection fails. The fanless, self-cooling design provides quiet operation, making this product suitable for desktop deployment.
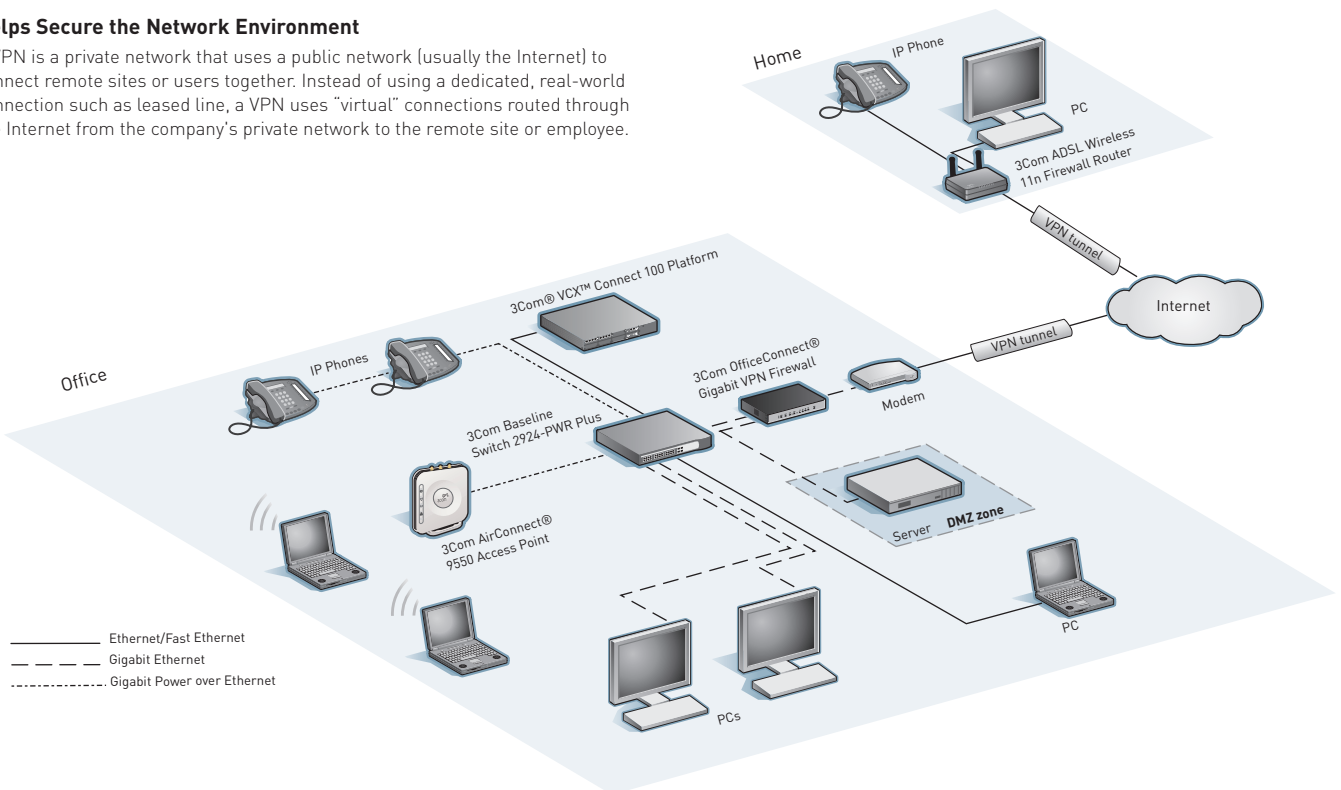
### EASY TO USE

The firewall is designed to be easy to use for the novice user, yet flexible enough for more complicated configurations. The intuitive graphical Web user interface makes installation and configuration quick and easy. Multiple management options provide the flexibility to fine tune security levels where required. Quick access to monitoring, logging, reporting and analysis tools simplifies intrusion detection and troubleshooting.
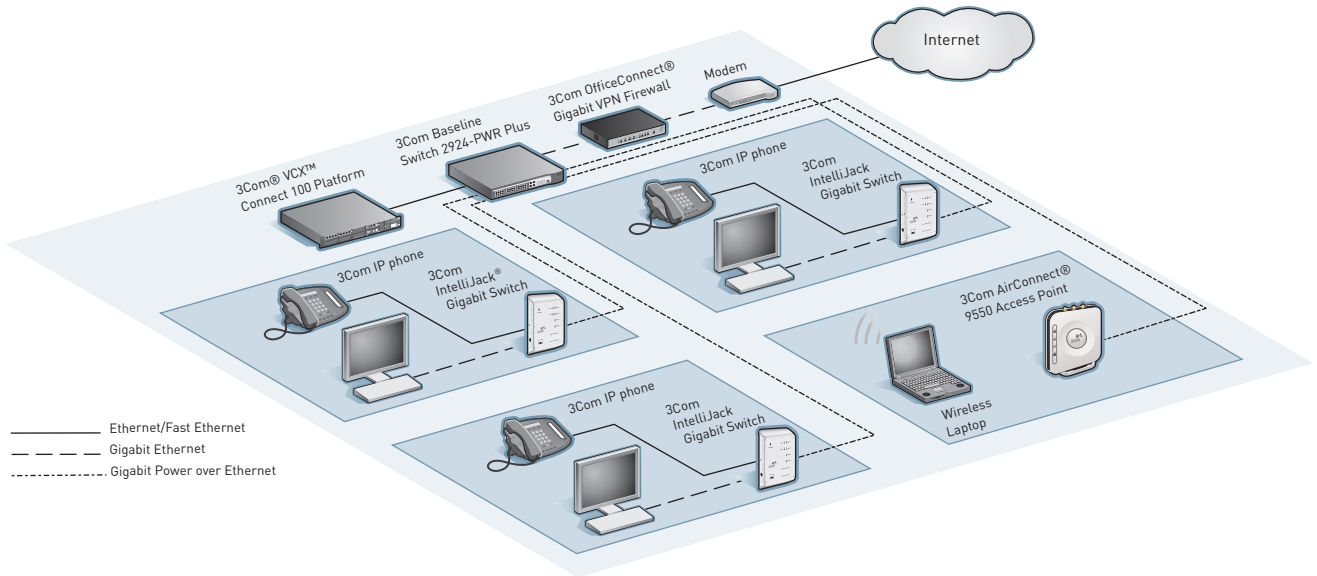
### INVESTMENT PROTECTION

The OfficeConnect VPN Firewall is a high-performance platform ready to handle the network demands of today's small business, while providing room for growth—at a very competitive price.

**Helps Secure the Network Environment**

A VPN is a private network that uses a public network (usually the Internet) to connect remote sites or users together. Instead of using a dedicated, real-world connection such as leased line, a VPN uses "virtual" connections routed through the Internet from the company's private network to the remote site or employee.

## SAMPLE DEPLOYMENT: HIGH-PERFORMANCE SECURE SMALL BUSINESS NETWORK

Internet

Modem

3Com OfficeConnect®
Gigabit VPN Firewall

3Com Baseline
Switch 2924-PWR Plus

3Com® VCX™
Connect 100 Platform

3Com IP phone

3Com
IntelliJack
Gigabit Switch

3Com IP phone

3Com
IntelliJack®
Gigabit Switch

3Com AirConnect®
9550 Access Point

Wireless
Laptop

3Com IP phone

3Com
IntelliJack
Gigabit Switch

—————— Ethernet/Fast Ethernet
— — — Gigabit Ethernet
·—·—·—·—· Gigabit Power over Ethernet

## FEATURES AND BENEFITS

### Security

| | |
|---|---|
| Stateful packet inspection firewall | Prevents unauthorized access and thwarts denial of service (DoS) and other common attacks. |
| Standards-based IPSec, PPTP and L2TP VPNs | Securely transmit data over the Internet using encryption to provide privacy without the cost of leased lines. Multiple VPN protocol support offers wide compatibility coverage with Windows VPN clients. |
| Security alerts | Event logs direct attention to major security concerns. |
| Remote access authentication | Lets remote users access their private LAN via the Internet. |
| URL key word blocking | Enforce acceptable web usage policies to improve productivity. |
| AES (256-bit), DES (56-bit) and 3DES (168-bit) IPSec encryption | Ensures data security and compatibility with most IPSec VPN terminators. |
| Multiple VPN sessions | Remote and mobile workers can simultaneously and securely access the network, keeping employee productivity on track. |

### Performance

| | |
|---|---|
| Gigabit platform | High-performance platform handles bandwidth demands today and in the future. |
| Dual WAN | Supports failover and load balancing to improve the reliability of the WAN connection. |

### Ease of Use

| | |
|---|---|
| Intuitive web browser interface | Make setup and configuration quick and easy. |
| Port mirroring | Mirrors traffic to other ports for troubleshooting and intrusion detection. |

# SPECIFICATIONS

## CONNECTORS

WAN: 2 autosensing
10BASE-T/100BASE-TX/1000BASE-T
with auto MDI/MDIX

LAN: 6 autosensing
10BASE-T/100BASE-TX/1000BASE-T
with auto MDI/MDIX

Console: 1 RJ-45

LAN1 and LAN2 ports can be
configured as DMZ

## FIREWALL

Stateful packet inspection firewall

Pre-configured filters for commonly
used protocols

User-configurable filters for UDP and
TCP packets with specific port numbers

ACL (IP)

Time scheduling

DoS/DDoS protection

MAC/IP binding

## PROTOCOL SET

Dynamic and static IP addressing

DHCP Server

NAT/PAT (with TCP and UDP), PPPoE,
PAP, CHAP, UDP, IP TCP, IPCP, PPTP,
SNTP

## ROUTING AND NETWORKING

RIP 1 and 2

Static routing

DynDNS support

Traffic shaping

Load balancing (Weighted Round
Robin and Least Traffic First)

Rollover

Protocol binding
(service/source/destination based)

## WEB FILTERING

Static web filtering

## VPN SUPPORT

VPN initiation and termination
of IPSec tunnels

VPN termination of PPTP and
L2TP/IPSec tunnels

Passthrough of IPSec, PPTP and
L2TP/IPSec tunnels

NAT-T draft 2.0 support

Key management: manual, IKEv1,
IKEv2

Authentication: MD5, SHA-1

Encryption: DES, 3DES, AES-128,
AES-192, AES-256

DH groups 1, 2 and 5

FQDN support

## INSTALLATION, CONFIGURATION, AND MANAGEMENT

Web-based intuitive GUI

Preset defaults

Remote management via http, https,
SSH and SNMP v2c

Port mirroring

## LED INDICATORS

Power

WAN port status: Link, Activity

LAN ports status: Link, Speed,
Activity

DMZ status
(LAN1 and LAN2 ports only; indicates
when LAN port is configured as DMZ)

## DIMENSIONS

Height 9.6 cm (3.8 in)

Width: 29.3 cm (15.5)

Depth: 34.1 cm (12.4 in)

Weight: 2.5 kg (5.5 lbs)

## POWER

Internal power supply
(regionalized power cord included)

Max. power consumption: 14W

## STANDARDS COMPLIANCE

Functional: ISO 8802/3; IEEE 802.3

## REGULATORY/AGENCY APPROVALS

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

Emissions: EN 55022 Class B; EN
50082-1; 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)

## PACKAGE CONTENTS

3Com OfficeConnect Gigabit VPN
Firewall

Power cord

Four rubber feet

Rackmount brackets

Console cable

CD-ROM containing User Manual and
3Com Detect application

Warranty Flyer, Release Note and
Safety Booklet

## WARRANTY AND OTHER SERVICES

Three Year Limited Hardware Warranty

Limited Software Warranty for 90 days

90 days of telephone technical support
Refer to www.3com.com/warranty
for details.

# ORDERING INFORMATION

| PRODUCT DESCRIPTION | 3COM SKU |
|---|---|
| 3Com OfficeConnect Gigabit VPN Firewall | 3CREVF100-73 |

**Visit www.3com.com for more information about 3Com secure converged network solutions.**

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