

ZyWALL 50

Internet Security Gateway for SOHO/Small Business



Internet Security has been recognized by today's SMB and Enterprise companies as the prerequisite to daily on-line business activities such as e-commerce and online data transmission. Case after case of online hacker attacks demonstrate how much a business can suffer from a serious attack by a knowledgeable intruder. How to minimize the damage from a targeted attack was the challenge posed to the ZyXEL Security Products Development Group. ZyXEL is proud to introduce the solution, the ZyWALL 50 Internet Security Gateway, developed for SOHO/Small Business. It is a total Internet Security Solution. The ZyWALL 50 satisfies the requirements of network environment security and will meet the most demanding expectations an online user might have of a firewall product.

Benefits

VPN Connection Support

The ZyWALL 50 VPN support allows a business to establish a private tunnel over a public network between its headquarters and branch offices or telecommuters. The data is encrypted when traveling over the public network to ensure secure transmission between two sites. This application is a more economical replacement for leased-line service.

Firewall Network Security

Always-on Internet service gives users the benefit of fast, convenient, and time-saving online use. The main drawback is that the more time one spends online, the more susceptible their system is to a security breach. To provide a network security solution, the ZyWALL 50 offers a powerful firewall capability, including Stateful Packet Inspection and Denial of Service (DoS). The ZyWALL 50 is the solution that provides a system true network environment security while simultaneously delivering high-speed networking performance.

Real-Time Attack Alert and Log System

Many of today's businesses have been victimized by the costly theft of internal data. The ZyWALL 50 attack alert system warns you in real time whenever there is an attack on your network, allowing you to expeditiously repair any damage caused by the intrusion and prevent further damage to your network. A Log function will record where the attacker came from, thus tracing who is responsible for the intrusion.

Content Filtering Management

By using the Content Filtering feature of the ZyWALL50, schools and businesses can create and enforce Internet access policies tailored to the specific needs of the organization. The administrator selects content from a predefined list to block or monitor, such as pornography, gambling, or racial intolerance. Since content on the Internet is constantly changing, the optional Content Filtering List Subscription automatically updates the ZyWALL 50 with CyberPatrol URL Lists on a weekly basis to ensure that access restrictions to new and relocated sites are properly enforced.

Secured Default Configuration

The ZyWALL 50 has been developed to satisfy a variety of organizations by providing strong firewall capability and full VPN support. The level of security provided by the ZyWALL 50 is dependent on the specific configuration set by the administrator. By default, the ZyWALL 50 provides a secure configuration with a user-friendly interface. The interface provides both the convenience of ease of installation and quick configuration.

Features

Virtual Private Network

- 50 IPSec Tunnels

Firewall Security

- Packet Filter
- Stateful Packet Inspection
- Denial of Service
- Attack Alert and logs
- Access Control

Routing Support

- IP Routing: TCP, UDP, ICMP, ARP, RIPv1 & RIPv2
- Programmable Static Route
- IP Multicast
- IP Alias

Content Filtering

- Java/ActiveX/Cookie/Proxy Blocking
- URL Blocking

ISP Authentication

- RR Manager
- PPPoE
- PPTP

IP Management

- DHCP client/server
- Multi-NAT/ SUA

Network Management

- Web-based configurator
- Telnet remote access support
- TFTP/FTP for F/W upgrade/backup
- SNMP support
- Built-in Diagnostic Tool
- Call Scheduling
- Budget Management

Application

- DNS proxy
- Internet Time Calibration
- Traceroute
- Dynamic DNS
- Telnet Client
- Command History

Physical Specifications

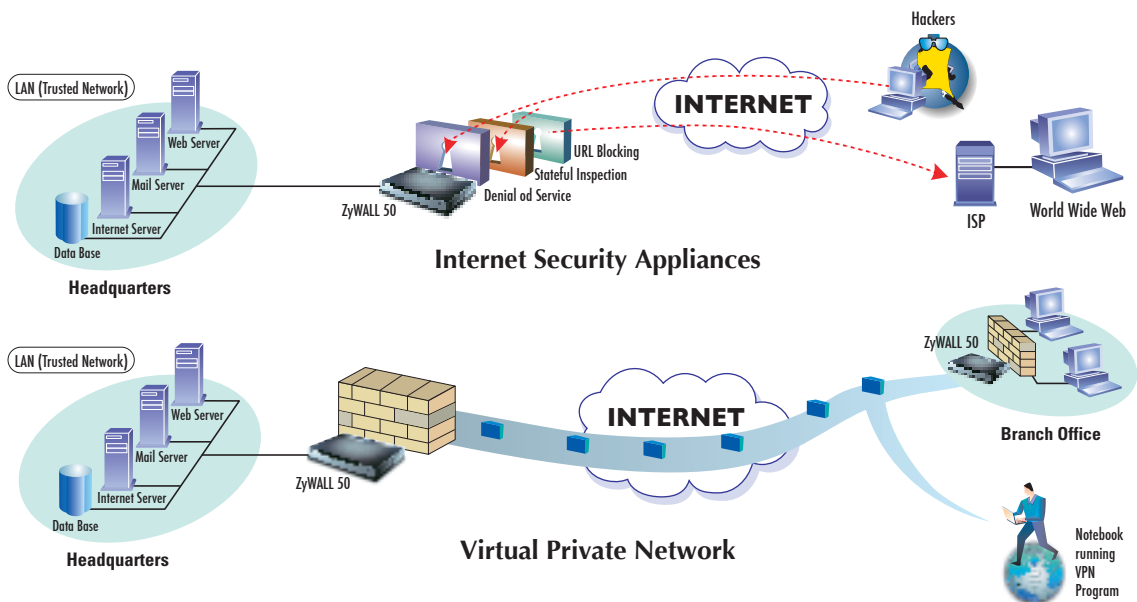
Hardware Specification

- Frame Ground
- Power: 12VDC
- Uplink Button
- Console: RS-232 DB9F
- LAN: 10/100Mbps Ethernet
- WAN: 10/100Mbps Ethernet
- Reset Button

Operating Environment

- Operating Temperature: 0 - 40°C
- Operating Humidity: 5-90% (non-condensing)
- Dimension: 155mm(W)x230mm(L)x30mm(H)
- Net Weight: 512g

Application Diagram



ZyXEL
TOTAL INTERNET ACCESS SOLUTION

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