



## Threat Protection for Enterprise-class Deployments

- VPN:
  - ICSA-certified IPsec VPN
  - SSL VPN
  - L2TP VPN
- Anti-Virus:
  - ICSA-certified ZyXEL Anti-Virus
  - Kaspersky Anti-Virus
- IDP
- Scalable UTM/VPN Performance
- IM/P2P Management
- Anti-Spam
- User-aware Configuration
- Bandwidth Management
- Redundant Power Module



Unified Security Gateway

**ZyWALL**  
**USG 2000**

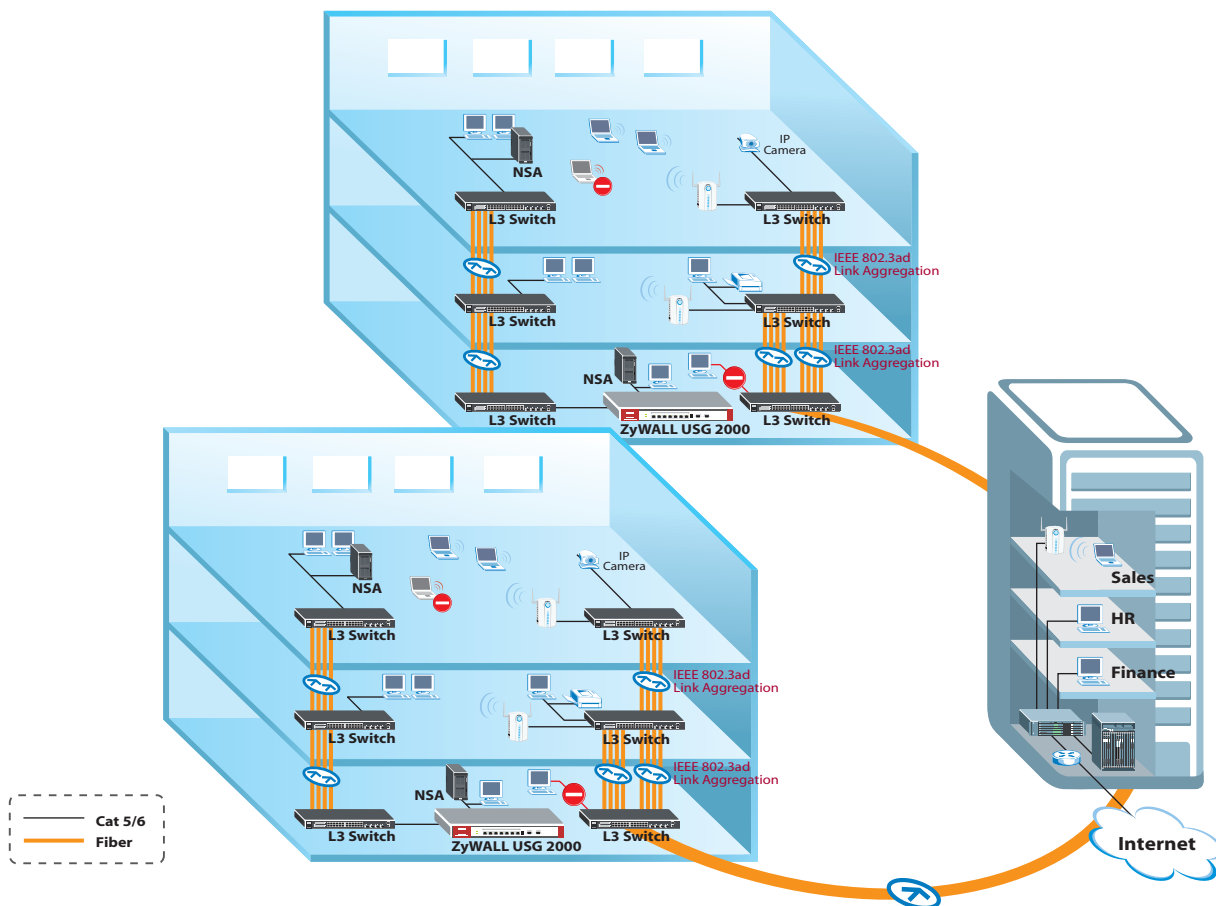
The ZyWALL USG 2000 is an ultra high performance, deep packet inspection security platform for enterprises. It incorporates a firewall, IDP, content filtering, anti-virus, anti-spam, and VPN in one box. This multi-layered security safeguards your business's customer and company records, intellectual property, and critical resources from external and internal threats.

### Benefits

- High performance VPN concentrator - using IPsec VPN to secure connections in between headquarters, branch offices, partners. Road warriors and telecommuters can use SSL or L2TP VPN to securely access the company network without having to install VPN software.
- The ICSA-certified, stateful inspection firewall protects the network and vital Internet services like e-mail, Web browsing, servers, and file transfers.
- For protection against viruses and spyware, choose the ICSA-certified ZyXEL Anti-Virus or one powered by Kaspersky Labs.
- Scalable UTM and/or VPN performance by adding SEM\* (Security Extension Module).
- The Application Patrol controls who can use what IM and P2P applications like MSN and BitTorrent, and even who can use specific features within an application.
- The Intrusion Detection and Prevention (IDP) engine protects your network from intrusions such as Trojans and worms.
- The anti-spam feature can tag or discard unsolicited commercial or junk e-mail.
- User-aware configuration lets you control access to applications or resources and apply security scans by user or user group.
- Bandwidth management lets you prioritize and limit traffic so time-sensitive applications like VoIP and video conferencing work properly.
- High availability features such as device HA, redundant power module, and multiple ISP links in a single WAN trunk - guarantees non-stop operation for mission-critical applications.

\*: Sold separately.

## Safeguards Departmental Networks



## Features

### ICSA-certified Firewall

- Zone-Based Access Control List
- Security Zones
- Stateful Packet Inspection
- DoS/DDoS Protection
- User-Aware Policy Enforcement
- ALG Supports Custom Ports

### Intrusion Detection and Prevention

- In-line Mode (Routing/Bridge)
- Zone-Based IDP Inspection
- Customizable Protection Profile
- Signature-based Deep Packet Inspection
- Automatic Signature Updates\*\*
- Custom Signatures
- Traffic Anomaly Detection and Protection
- Flooding Detection and Protection
- Protocol Anomaly Detection and Protection: HTTP/ICMP/TCP/UDP

### Anti-Virus

- ICSA-Certified ZyXEL Anti-Virus or Kaspersky Anti-Virus
- Stream-Based Anti-Virus engine
- Covers Top Active Viruses in the Wild List
- Scans HTTP/FTP/SMTP/POP3/IMAP4
- Automatic Signature Updates\*\*
- No File Size Limitation
- Blacklist/Whitelist Support

### Hybrid VPN

#### ICSA-certified IPSec VPN

- Encryption: AES/3DES/DES
- Authentication: SHA-1/MD5
- Key Management: Manual Key/IKE
- Perfect Forward Secrecy: DH Group 1/2/5
- NAT over IPSec VPN
- Dead peer Detection/Relay Detection

- PKI (X.509) Certificate Support
- Certificate Enrollment (CMP/SCEP)
- Xauth Authentication
- L2TP over IPSec Support

#### SSL VPN

- Clientless Secure Remote Access (Reverse Proxy Mode)
- SecuExtender (Full Tunnel Mode)
- Unified Policy Enforcement
- Supports Two-factor Authentication
- Customizable User Portal

#### Application Patrol

- IM/P2P Granular Access Control
- Apply Schedules, Bandwidth Management
- User-Aware
- IM/P2P Up-to-Date Support (via IDP signatures update)\*\*
- Real-Time Statistical Reports



