# ZYXEL

# SecuExtender

## VPN Client Software

## Benefits

### Simple, secure access anywhere

Zyxel VPN Clients offer a flexibly easy-to-use, easy-to-manage Virtual Private Network (VPN) solution that provides distributed users with secure, speed and reliable remote access back to corporate resources.

Zyxel offers both SSL VPN and IPSec VPN connectivity options for remote client-to-site access. For SSL VPN, SecuExtender provides auto-client connectivity for Windows and easy client connectivity for Mac systems. For IPSec VPN, SecuExtender enables fast 3-step connection wizard that highly improve the user experience.

### User-friendly interface

The ZyWALL IPSec/SSL VPN Client is designed for remote users to establish a secure connection to corporate networks over the Internet. With a 3-step configuration wizard, ZyWALL IPSec/SSL VPN Client helps users to create VPN connections quicker than ever. The user-friendly interface makes it easy to install, configure and use. With ZyWALL IPSec/SSL VPN Client, setting up a VPN connection is no longer a daunting task.

Easy-to-use configuration wizard and connection panel

Supports Windows 10, Windows 8, and Windows 7, MacOS 10.14 operating systems

Supports all connection types: dial-up, Ethernet, WFi and 4G, etc.

Compatible with all ZyWALL series gateways

VPN configuration can be stored in a file for easy management

## Easy deployment and management

Since configuration and parameters can be stored as a unique duplicable file, deploying ZyWALL IPSec/SSL VPN Clients is as easy as copying the file. Moreover, VPN configurations and security elements (certificates and pre-shared key, etc.) can be saved on a USB disk in order to remove authentication information from the computer. It's very easy for administrators to control and manage the deployment and security options.

## High compatibility

ZyWALL SecuExtender VPN Client runs on Windows 10, Windows 8, Windows 7 and MacOS 10.14 operating systems; the strong encryption options and various authentication methods give ZyWALL IPSec/SSL VPN Client the best compatibility with ZyWALL and other IPSec/SSL VPN gateways. The ZyWALL IPSec/SSL VPN Client supports all connection types like dial-up, Ethernet, WiFi and 4G, etc. It's very easy for mobile users to initiate connections from all kinds of environments.

## High scale flexibility

For both small businesses concerning network security and large corporations equipping their remote workforce, ZyWALL IPSec/SSL VPN client represents an efficient and affordable solution for projects of all scales.

## Application Diagram
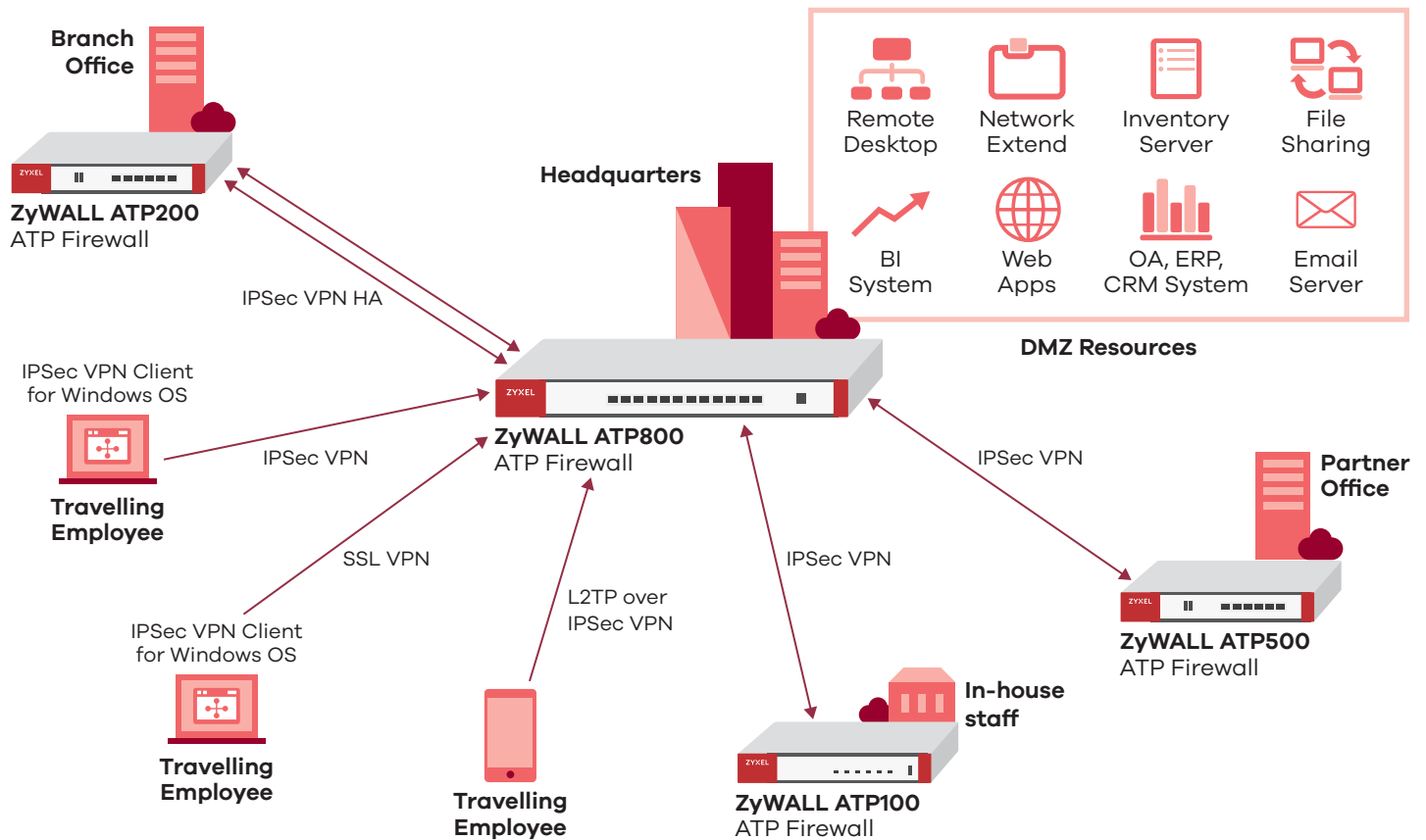
# Specifications

## IPSec

**System Specifications**
- Windows 7 32/64-bit
- Windows 8 32/64-bit
- Windows 10 32/64-bit

**Hardware Specifications**
- 5M Bytes free disk space

**Product Specifications**
- Hash Algorithms
  - MD5-HMAC 128-bit authentication
  - SHA1-HMAC 160-bit authentication
  - SHA2-HMAC 256-bit authentication
  - SHA2-HMAC 512-bit authentication
- Encryption
  - DES-CBC 56 bit encryption
  - 3DES-CBC 168 bit encryption
  - AES 128, 192, 256 bit encryption
- Diffie Hellman Group Support
  - Group 1: MODP 768
  - Group 2: MODP 768
  - Group 5: MODP 1536
  - Group 14: MODP 2048
  - Group 15: MODP 3072
  - Group 16: MODP 4096
  - Group 17: MODP 6144
  - Group 18: MODP 8192

- Authentication Mechanism
  - PSK
  - EAP
  - PKI (X509) Certificate
  - X-Auth
- Certificate
  - PEM
  - PKCS#12
- Key Management
  - ISAKMP (RFC2408)
  - IKE (RFC2409) & IPSec mode
  - IKEv2 (RFC7383)
  - ESP, tunnel, transport
  - Main mode, aggressive mode
  - Hybrid authentication method
- Networking
  - NAT traversal (Draft1, 2 & 3)
  - Dead Peer Detection (DPD)
  - Redundant gateway
- Peer to Peer
  - Peer to peer connections
  - Accepts incoming IPSec tunnels
- Connection Technologies
  - Dial-up modem
  - GPRS
  - Ethernet
  - WiFi

## SSL

**System Specifications**
- Windows 7 32/64-bit
- Windows 8 32/64-bit
- Windows 10 32/64-bit
- MacOS 10.14

**Hardware Specifications**
- 5M Bytes free disk space

**For more product information, visit us on the web at www.zyxel.com**

Datasheet SecuExtender