# ZYXEL

# Anti-Virus
## Security Service

Zyxel Anti-Virus security subscription is a gateway-level Anti-Virus technology targeting known malware including viruses, Trojans, worms, spyware and rogue ware, Zyxel Anti-Virus scans traffic on major protocols including HTTP, HTTPS, FTP, SMTP, and POP3. Gateway-level Anti-Virus protection is first-line essential security for business networks to guard against these threats.

## End-point Anti-Virus is insufficient:

When discussing Anti-Virus, the common image that comes to mind is installing software on PCs. However, this approach falls far short of providing complete protection against malware on business networks. The main reasons for gateway Anti-Virus include:

- End-point Anti-Virus can be disabled or outdated
- End users need to be protected from malware before it reaches the end point
- Mobile devices and peripherals are usually not covered by end-point Anti-Virus utility
- Today, if end-point Anti-Virus is the only protection a business network relies on, the network risks easy infection.

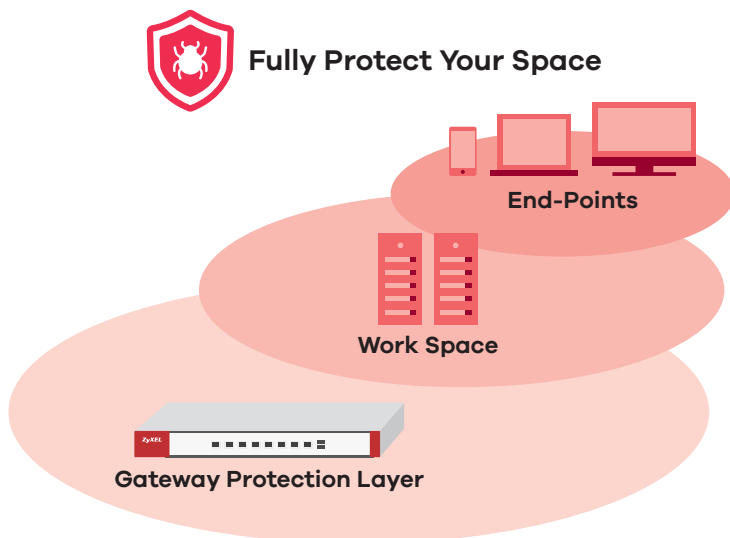Integrate leading technology gateway Anti-Virus

Fast stream-based scanning provides real-time protection with no file size limitation

High detection rate without sacrificing performance

Cloud-optimized database supported



**Fully Protect Your Space**

End-Points

Work Space

Gateway Protection Layer

# Benefits

## Leading technology

The Zyxel Anti-Virus utilizes fast response and a light-weight approach to security, which enhances effectiveness while consuming limited computing power. Zyxel Anti-Virus provides thorough protection against "in-the-wild" malware that are currently wide-ranging on global networks. The integration of Zyxel security gateway products and worldwide leading technology enables stream-based antimalware scanning, as well as provides support for various protocols, including HTTP, FTP, SMTP, POP3 and IMAP. Additional support for SSL (HTTPS) encryption inspection is also provided. This integration allows for the thorough scanning of archives and packed objects including ZIP, PKZIP e, GZIP and RAR without any file-size limitations.

## Keep security always updated

To ensure customers' networks are equipped with best and most current protection, Zyxel continuously updates signatures and heuristics to detect and block malware. Through its subscription Anti-Virus, Zyxel provides daily checks and automatically updated signature service to security appliances and commercial gateways. Signatures collected and implemented from cloud-based world intelligence network - which has more than 100 million endpoints connect to - make it possible to achieve the fastest reaction times, lowest false positive rates, and highest level of protection.

Zyxel gateway Anti-Virus is one of the subscription services available for our ZyWALL USG and ATP series, providing unified security and simplified management. Stream-based scanning on Zyxel multi-core hardware platforms greatly reduces latency and memory problems caused by traditional file-based scanning. Zyxel hardware accelerated Anti-Virus reaches triple-scanning performance compared with competing solutions.

# Features

- Anti-Malware/Virus technology protects users from most dangerous and widespread threats ("in-the-wild" malware)
- Stream-based Anti-Malware/Virus engine
- No file size limitation
- SSL inspection support

- HTTP/HTTPs, FTP/FTPs, SMTP/SMTPs, POP3/POP3s and IMAP/IMAPs protocol support
- Daily update signature database from Cloud
- Customizable new signature checking period: Hourly/Daily/Weekly
- Support automatic new signature update mechanism

# Application Diagram

When inbound network traffic passes through the Zyxel security gateway products, the embedded Anti-Virus engine inspects the traffic at wire-speed based on the signatures in device signature database. Should viruses, Trojans, worms or spyware be detected, the Anti-Virus engine will decontaminate the traffic before sending it to end-users. Zyxel provides the cloud signature database with daily signature updates for real-time protection against malware outbreaks.
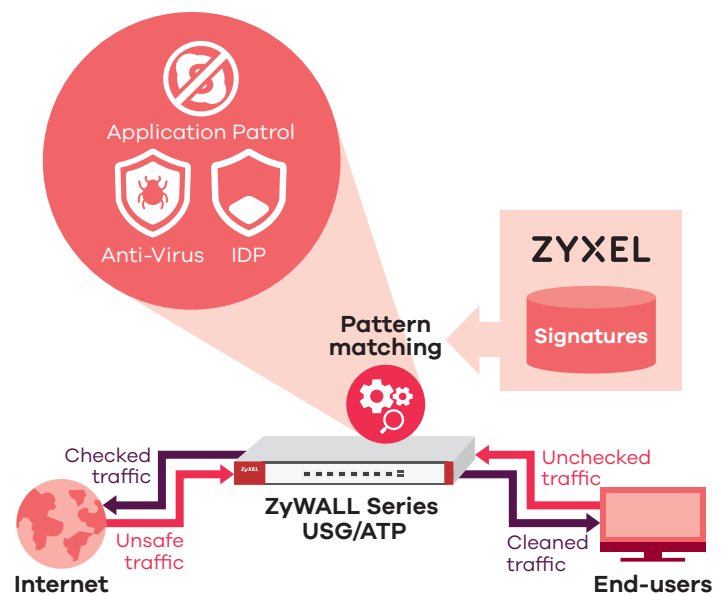
# Compatible Security Appliances

| Category | Product | License | Product Photo |
|---|---|---|---|
| **ZyWALL UTM Firewalls Performance Series** | USG40/40W/60/60W | Anti-Virus (1 year/ 2years) | |
| **ZyWALL UTM Firewalls Advanced Series** | USG110/210/310 | Anti-Virus (1year/2years) | |
| **ZyWALL UTM Firewalls Extreme Series** | USG1100/1900 | Anti-Virus (1 year/2 years) | |
| **ZyWALL VPN Firewalls** | ZyWALL 110/310/1100 USG2200-VPN | Anti-Virus (1 year/2 years) | |
| **ZyWALL ATP Firewalls** | ATP 200/500/800 | Gold/Silver (1 year/2 years)* | |

*: Anti-malware license service is included in ATP Gold and Silver package.

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## Your Networking Ally

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Datasheet Anti-Virus