

# PONIVA FIREWALL

## PONIVA, Makes the Internet a Safer Place for Your Users.

By preventing your users from accessing malicious sites such as virus/malware, you can restrict internet access that will negatively affect their work during working hours and contrary to corporate regulations.

Organizations/businesses need to pay attention to security and legal obligations when providing such internet access permissions. We record access in accordance with the law.

PONIVA does not require a separate PC or device for your logs.



## Log Records

### PONIVA Keeps Records of Internet Usage in the Organization in accordance with Legal Requirements.

Contains minimum 64GB M2/SSD in PONIVA, it stores and signs all internet usage records on the corporate network in accordance with the law no. 5651 on 'Regulation of Publications on the Internet and Combating Crimes Committed Through These Publications'.



### PONIVA Protects You Against Cyber Attacks.

PONIVA recognizes and blocks malware before it enters your network. With its IPS/IDS feature, it instantly detects and blocks cyber attacks from inside and outside. You are safe against unauthorized access.



### PONIVA ensures that employees use the Internet in the workplace in accordance with the rules.

With the Web Filter feature of PONIVA, you can limit your users' internet access within the organization / business, and block their access to unwanted sites completely or at certain time intervals.

## VPN

### PONIVA Creates Secure Tunnels for Your Staff Between Branches or Outside the Office.

In organizations with multiple branches, it may be necessary to ensure that employees in all branches have access to corporate/business networks. PONIVA offers a secure solution by creating virtual tunnels between branches with its IPsec VPN feature. In addition, with its SSL VPN feature, it allows employees to securely connect to the office network from their computers, mobile phones or tablets when they are out of the office.



### PONIVA Allows You to Use Multiple Internet Connections Redundantly.

PONIVA supports multiple internet connections. It also allows you to load share between lines.



### PONIVA Provides Secure and Controlled Internet Access for Your Guests.

With the PONIVA Hotspot Feature, it ensures that only authorized guest users can access the corporate / business internet network and all records are stored in accordance with the law. Authorizations; Manual, TR ID No, Passport No, SMS, Hotel Database integration, POP3 Mail Server, FTP Server information can be performed.

# PONIVA FIREWALL



## PONIVA GENERAL FEATURES

### Firewall

- English and Turkish web management interface
- Source, destination, service, time, country rules
- Bandwidth definition
- Application-based bandwidth control (Youtube/Netflix speed limit)
- Static, source, target based port forwarding
- Rule based routing
- Active Directory integration
- Dynamic category integration
- SD-WAN support
- Support for defining multiple external IP addresses
- Virtual IP
- Virtual Interface
- VLAN support
- IP-MAC mapping/ MAC Blocking
- Bridge mode support
- Country based access block / allow
- SafeSearch
- User based authorization
- Multi Factor Authentication feature (Sms, Email, Google Auth.)

### IDS / IPS

- Category and signature based rules
- Blocking or generating an alarm
- Blocked addresses filter

### Secure Network

- Control and block all network devices with 802.1x Support

### Web Filter

- URL filter
- HTTPS filter
- Filter filter
- Antivirus
- Quota management
- Filter by category or word
- Customizable blocking page

### DNS Filter

- DNS Firewall
- Domain filter
- DNS Translation

### Application Filter

- Layer 7 Filter
- Remote access software blocking (Anydesk, TeamViewer etc.)
- VPN software blocking

### Mail Security

- Spam Protection
- Malware / Virus Protection
- Blocking by file extension
- Inbound / Outbound mail control
- Whitelist / Blacklist

### Records and Reporting

- Firewall, IDS / IPS, Virus, Web Filter, App Filter, VPN, Hotspot, System Logins, Audit Logs, Traffic Reports
- Display in graphic or data format
- Filtering by time
- Monitoring instant network usage
- Sending reports to managers with email
- Keeping records in accordance with law 5651
- Feature to download recordings to computer
- Feature to transfer recordings to a device or FTP server on the network
- Keeping the logs in itself and not allowing change
- Syslog support
- Feature to download reports as Excel / PDF / CSV
- Poniva Analyzer

### Network Management

- IPv4, IPv6, PPPoE, VLAN, Bridge, LACP, Loopback, GIF Tunnel, GRE Tunnel
- DHCPv4 Server / DHCPv6 Server
- DHCPv4 Relay / DHCPv6 Relay
- DNS Proxy
- Static DNS records

### Hotspot

- Integrated hotspot solution for guest users
- Turkish / English language support
- Customizable welcome screen
- Privileged IP identification
- User – MAC control
- Feature to specify routing page
- Feature to limit time based on duration or date
- Feature to limit the number of devices of the user
- Adding the name of the relevant user in 5651 logs
- Authorization; Manual, TR Identity Number, Passport Number, SMS, Hotel Database integration, POP3 Mail Server, FTP Server

### IPSec VPN

- Site-to-site VPN
- L2TP Over IPSec
- Md5, SHA-1/256/384/512 hash algorithm
- 3DES, DES, AES-128/192/256, blowfish448, twofish, rijndael encryption algorithm
- Dead Peer Detection

### SSL VPN

- Client-to-site VPN
- Tunneling with TCP and UDP
- AES128/192/256 encryption algorithm
- Option to transmit data by compressing
- Define dynamic / static IP to clients
- Optional filtering of SSL VPN users
- User authorization with local user or Active Directory
- User entries can be emailed to administrators

### Turkuaz

- Site-to-site VPN
- Tunneling with TCP and UDP
- No fixed IP requirement.
- Defining dynamic / static IP for branches
- Optional filtering of branches

### Security

- Central blacklist use
- USOM integration
- CC&Botnet blocking

### Device Management

- Software update from central servers
- Configuration backup on central servers
- Backup / restore
- Alarm notifications by e-mail
- Mobile Management (Poniva Management)

### USB Blocking

- Restricting or completely blocking the use of USB by Windows users