



# ONE DEVICE, ONE LICENCE, FULL SOLUTIONS



It's time to prevent increasing security threats with XLOG Firewall solutions;

XLOG Firewall has been developed to secure your network and infrastructure against potential attacks. It offers a powerful unified security module that allows you to easily set up and manage your network.



All-in-One Protection

Firewall and logging integrated management from a single screen.



Different Location Solutions

Site to site VPN or SSL VPN connection for branches and remote offices. Layer2 encrypted tunnel for endpoints.



Support by Phone

Possibility to get support through direct communication with support teams.

## XLOG FIREWALL

- It has the ability to provide stand-alone management in mpls networks without the need for an additional dhcp or dns server, (dhcp, hotspot, firewall, http/https dns filtering, application filtering, quota application, speed limitation, etc.) It provides the ability to use all of these features and provides the ability to control all devices in mpls networks and provide management from a single point with only central point installation.
- With snmp and telnet connection support, XLOG Firewall performs security checks on layer3 networks on its own by receiving arp information over snmp and telnet supported edge and backbone switches, blocks the ones that need to be blocked, and provides logs in accordance with 5651 in layer3 networks by bringing MAC address to log records.
- With the detailed reporting feature, internet records can be searched according to MAC Address / Source IP - Destination IP / User Name / Destination Port / Domain / Date types.
- Full Tunnel The internet traffic of the devices in the branch passes through the XLOG Firewall device located in the central location, so that security policies can be applied on the internet traffic of the users.
- Transparent Tunnel: Traffic belonging to the central networks is sent through the tunnel and all other traffic is routed to the branch office's internet connection, in this mode the gateway and DHCP server for the users in the branch office is the modem in the branch office.









# HARDWARE

6x GE



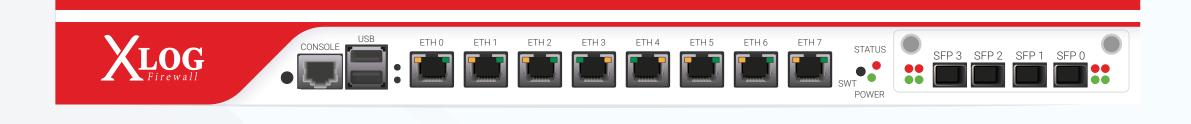
2x SFP 1G



2x SFP+ 10G



4x SFP+ 10G







Model	Console Port	USB Port	GBit Ethernet	: SFP	VGA/HDMI Port
6x GE	Yes	2x	6x	None	VGA
2x SFP 1G	Yes	2x	6x	2x 1Gbit SFP	VGA
2x SFP+ 100	G Yes	2x	6x	2x 10Gbit SFP+	- VGA
4x SFP+ 100	G Yes	2x	8x	4x 10Gbit SFP+	+ HDMI



# New Generation Firewall

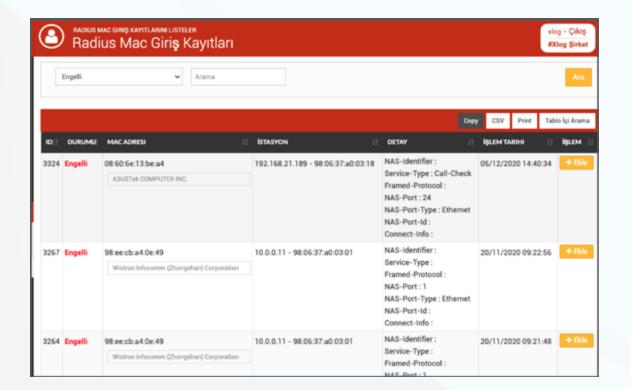
#### Port Opening, Closing and Forwarding

Providing system security by blocking external port-based attacks, creating group-based rules, applying the desired rules to the desired groups, even if the wrong rule is created and connection requests are opened outside Turkey, they are automatically blocked by the system.

#### **Firewall Solutions**

Firewall prevents cyber attacks before reaching your device. XLOG offer managable firewall and Xlog prevents port scanning, SYN attacks and more by itselfs.





#### **Firewall Solutions**

Xlog provides of management on a point without any additional dhcp or dns server. Furthermore, Xlog centralize of management of network and provides many features (DHCP, hotspot, firewall, http/https, dns filtering, application filtering, application quota, bandwith)

#### Layer 2 Tunnel

Full Tunnel: internet traffic of the devices in the branch passes over the Xlog Firewall and Xlog is located in the central location. Thus, security policy can be implement on users. Also, XL tunnel provides keeping log records and it can be create reports. In this operating mode, DHCP services providing with Xlog firewall for branches users.

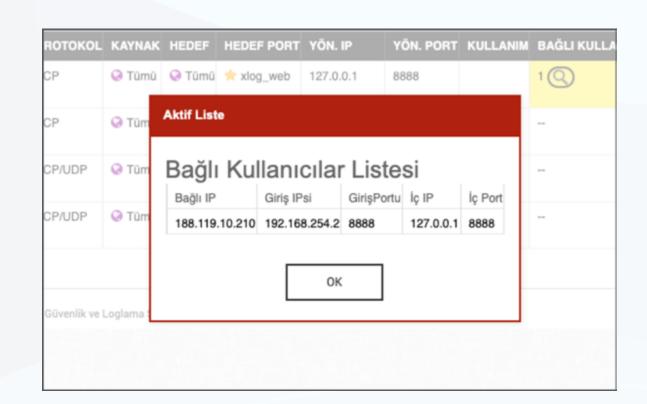
Transparent Tunnel: internet traffic belonging to the networks in the center is sent through the tunnel, allo t her traffic is directed to the internet connection of the branch. In this mode, the gateway and DHCP server of the users in the branch will be the modem in the branch.

#### Time Basis Port On, Off

Ports can be open and close with mobile application or manually. Generally in firewall, admin opened port and forget it that causes deficit in the system. For this reason, in Xlog, admin can open port based on time, when time expired system off the port spontaneously. Also, admin or access users can open port basis of time on mobile application.

#### Logging in Accordance With Laws

With the support of snmp and telnet connection, Xlog itself performs security checks by taking arp information over the edge and backbone switches with snmp and telnet support in layer3 networks, prevents those that need to be blocked, and provides logging in layer3 networks. According to the law, which is 5651, it bring the mac address to the log records.





## **Product features**

#### **Operation Modes**

Layer 2

Layer 3

Syslog

#### Routing

Static Routing
Rule Based Routing

#### **Network Interface Features**

Active Passive Cluster Redundant Structure

**Ethernet Port** 

Fiber Port

MAC--IP Mapping

Layer2/ Layer3/ Layer7 Traffic Control

Wan Failover/ Load Balance

4094 Vlans per Port

PPPoE Connection Interface

**DNS Settings** 

#### **Management Interface Features**

Statistics

System Settings:

Users

Device Shutdown/Restart User Records

5651 Log Backups

Device Settings

Backup Device Settings

Network Settings:

Interfaces

Gateways

DNS Settings

Referrals Firewall:

Times

Services

Definitions

Port Forwarding

Rules

DHCP:

DHCP Server

DHCP Group List

DHCP Relay

DHCP Records

VPN:

SSL VPN

IPSec VPN SSI VPN Use

SSL VPN Users

HTTP/HTTPS Filtering:
Defined Devices

Profiles

Blocking Categories

Web Filter Rules

Bandwidth:

Daily Bandwidth Usage

Speed Groups

Hotspot: Active Us

Active Users Entry Records

User Quota Tracking MAC Permissions

User Permissions

One Time Password

Une Time Passwo

Hotspot Users

Hotspot Settings
Instant User Tracking

Tools:

Ping Regions

Ping

Traceroute

Port Test

Syslog:

Syslog devices

Syslog Logs Registrations

#### Firewall Features

Firewall

VPN/SSL VPN

Hotspot

IPS&IDS

HTTP&HTTPS Filtering

**Application Filtering** 

Web Filtering

Layer 2 Encrypted Tunnel

#### **Authentication Methods**

SMS

LDAP Integration

Username-Password

**ID Number** 

Receipt Integration

Hotel Integration

Active Directory

#### Services

Live Dashboard

Automatic Update Service

DNS

802.1x MAC Filtering

Automatic Configuration Backup

Quota Adjustable Hotspot

Bandwidth Monitor

Web Filtering

**Application Filtering** 

Bandwidth

IPS/IDS

Memcache

Gateway Tracking SSL VPN

Reporting

Active User Tracking

#### Vpn Virtual Private Network

Live Dashboard

Automatic Update Service

DNS

802.1x MAC Filtering

Automatic Configuration Backup

Quota Adjustable Hotspot

Bandwidth Monitor Web Filtering

Application Filtering

Bandwidth

IPS / IDS

Memcache

Gateway Tracking

SSL VPN Reporting

Active User Tracking

#### HTTP/HTTPS Filtering

Blocking without Certificate
Defining Willcard to Blacklists

Keeping Logs in Compliance with 5651 Law

Usom Integration

#### IPS&IDS

Intrusion Detection and Prevention

**Blocking Source Address Traffic** 

Ready Signature

Instant Attack Detection

Reset Connection

Blocking DDos Attacks
Blocking SYN Attacks

#### **Application Filtering**

Blocking apps that users use through ready-made categories of apps.

#### Hotspot

TC Identity

Username-password

SMS Integration

Hotel Automation

Periodic Internet Charging Module

Automatic Routing

User Login and Logout Time Listing

User Quota Usage Listing

Creating a One-time Password Receipt Integration

#### Bandwidth

Download and Upload Speed Definition

User/MAC Address Based Daily Quota Definition

Total Usage Listing with Historical Range

#### Load Balance & Failover

Max 5 Line Merging
Increase Internet Speed

Traffic Routing

WAN Backup

Syslog

Reporting Log Records
Tubitak Timestamp

Signing Log Records with Tubitak Timestamp

Signing Internet Logs of Different Brand Firewall Devices in accordance with 5651

Law
2 Year Storage Period

Firewall

Port Opening/Allow Me

Automatic Port Closing

Port Forwarding

Temporary Port Opening

Blocking Non-Turkey IPs by Default

**Group Based Rule Creation** 

Instant SMS and Mail Notification in Port Access

Blocking Botnet IP Blocks

## Radius Mac Filtering

Blocking and Filtering Client Devices in Layer2 and Layer3 Networks without

Including the Network
Instant Tracking of Devices Involved or
Trying to Involve in the Network with

## Layer 2 Tünel

Full Tunnel:

Maximum Security

Layer2 Encrypted Tunnel

5651 Law Compliant Log Keeping Reporting

DHCP, Hotspot, Filtering, Logging: Transparent Tunnel

DHCP

DHCP Zone Add Viewing DHCP Records Add DHCP Relay Server

#### Other Features

Add DNS Record

Providing Stand Alone Management in MPLS Networks

Ability to Connect with SNMP FTP Log Backup

MAC Based Web Filtering

Telnet Connection Capability

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# MODELS

Özellikler	XL - 25	XL - 50	XL - 100	XL - 200	XL - 300	XL - 400
Number of Users	25	50	100	200	300	400
Device	Rack Type	Rack Type	Rack Type	Rack Type	Rack Type	Rack Type
Notify Options	SMS/Email	SMS/Email	SMS/Email	SMS/Email	SMS/Email	SMS/Email
Language Support	Turkish/English	Turkish/English	Turkish/English	Turkish/English	Turkish/English	Turkish/English
Reporting	$\sqrt{}$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Logging on the Device	$\sqrt{}$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\sqrt{}$
Firewall Performance	3000 Mbps	4000 Mbps	6000 Mbps	9000 Mbps	12000 Mbps	1400 Mbps
Application Performance	1250 Mbps	1500 Mbps	2250 Mbps	3000 Mbps	4000 Mbps	5000 Mbps
NGFW Performance	750 Mbps	1000 Mbps	1500 Mbps	2250 Mbps	3000 Mbps	3500 Mbps
Fiber Port	!	!	!	!	!	2x SFP 1Gbit
Ethernet Port	6xGbit Ethernet	6xGbit Ethernet	6xGbit Ethernet	6xGbit Ethernet	6xGbit Ethernet	6xGbit Ethernet
Llardyyara						
Hardware	1U UTM	1U UTM	1U UTM	1U UTM	1U UTM	1U UTM
Özellikler	XL - 600	XL - 1000	XL - 2000	XL - 5000	XL - 10000	XL - 20000
Özellikler Number of Users	XL - 600 600	XL - 1000 1000	XL - 2000 2000	XL - 5000 5000	XL - 10000 10000	XL - 20000 20000
Number of Users	600	1000	2000	5000	10000	20000
Number of Users  Device	600 Rack Type	1000 Rack Type	2000 Rack Type	5000 Rack Type	10000 Rack Type	20000 Rack Type
Number of Users  Device  Notify Options	600 Rack Type SMS/Email	1000 Rack Type SMS/Email	2000 Rack Type SMS/Email	5000 Rack Type SMS/Email	10000 Rack Type SMS/Email	20000 Rack Type SMS/Email
Number of Users  Device  Notify Options  Language Support	600 Rack Type SMS/Email Turkish/English	1000 Rack Type SMS/Email Turkish/English	2000 Rack Type SMS/Email Turkish/English	5000 Rack Type SMS/Email Turkish/English	10000  Rack Type  SMS/Email  Turkish/English	20000  Rack Type  SMS/Email  Turkish/English
Number of Users  Device  Notify Options  Language Support  Reporting	600  Rack Type  SMS/Email  Turkish/English  √	1000  Rack Type  SMS/Email  Turkish/English  √	2000  Rack Type  SMS/Email  Turkish/English	5000  Rack Type  SMS/Email  Turkish/English  √	10000  Rack Type  SMS/Email  Turkish/English  √	20000  Rack Type  SMS/Email  Turkish/English  √
Number of Users  Device  Notify Options  Language Support  Reporting  Logging on the Device	600  Rack Type  SMS/Email  Turkish/English  √  √	1000 Rack Type SMS/Email Turkish/English √ √	2000 Rack Type SMS/Email Turkish/English √ √	5000  Rack Type  SMS/Email  Turkish/English  √  √	10000  Rack Type  SMS/Email  Turkish/English  √  √	20000  Rack Type  SMS/Email  Turkish/English  √
Number of Users  Device  Notify Options  Language Support  Reporting  Logging on the Device  Firewall Performance	600  Rack Type  SMS/Email  Turkish/English  √  √  20000 Mbps	1000 Rack Type SMS/Email Turkish/English √ √ 40000 Mbps	2000 Rack Type SMS/Email Turkish/English  √ √ 70000	5000  Rack Type  SMS/Email  Turkish/English  √  √  Please Ask	10000  Rack Type  SMS/Email  Turkish/English  √  √  Please Ask	20000  Rack Type  SMS/Email  Turkish/English  √  √  Please Ask
Number of Users  Device  Notify Options  Language Support  Reporting  Logging on the Device  Firewall Performance  Application Performance	600  Rack Type  SMS/Email  Turkish/English  √  √  20000 Mbps  8000 Mbps	1000 Rack Type SMS/Email Turkish/English  √  √  40000 Mbps 13000 Mbps	2000 Rack Type SMS/Email Turkish/English	5000  Rack Type  SMS/Email  Turkish/English	10000  Rack Type  SMS/Email  Turkish/English  √  √  Please Ask  Please Ask	20000  Rack Type  SMS/Email  Turkish/English  √  √  Please Ask  Please Ask
Number of Users  Device  Notify Options  Language Support  Reporting  Logging on the Device  Firewall Performance  Application Performance  NGFW Performance	600 Rack Type SMS/Email Turkish/English  √ √ 20000 Mbps 8000 Mbps 5000 Mbps	1000 Rack Type SMS/Email Turkish/English	2000 Rack Type SMS/Email Turkish/English	5000  Rack Type  SMS/Email  Turkish/English	10000 Rack Type SMS/Email Turkish/English  √  √ Please Ask Please Ask Please Ask	20000  Rack Type  SMS/Email  Turkish/English

## OTHER FEATURES

Provides solutions for small and medium-sized businesses.
All modules on the device are active and do not require an extra license.
You can apply the security policies within the scope of KVKK.

Provides solutions for medium-sized businesses.

All modules on the device are active and do not require an extra license.

Log Records are automatically signed with Tubitak Time Stamp.

Provides performance with high hardware features.

Provides solutions for large-scale organizations and businesses.

It provides service at high bandwidth values with 10Gbit SFP+ ports.

All modules on the device are active and do not require an extra license.

Log Records are automatically signed with Tubitak Time Stamp.

2 Years Keeps Log Records on itself in a signed manner.

You can apply the security policies within the scope of KVKK.

! Hardware design is made according to the needs