

UserGate Proxy Server is a complex and multifunctional software solution that can be used to connect your network to the Internet using only one external IP address.

Caching Internet and FTP traffic

UserGate supports the transparent caching of internet traffic through HTTP and FTP protocols. It provides faster internet access to the most frequently used internet resources and economizes traffic usage.

Network Address Translation

Network Address Translation (NAT) is an advanced technology for connecting multiple computers to the Internet using one IP address. If NAT is used UserGate works as a gateway, which provides Internet access to all computers on your local network.

DNS forwarding

UserGate forwards all user DNS queries to a specific DNS server.

Content filtering

With UserGate Proxy you can disable the downloading of specific files such as “*.mp3”, block advertising banners, prohibit MSN, ICQ or other instant messengers, restrict FTP access, ban specific websites or you can stop all internet access except for some specific resources.

User management

Accurate Traffic Calculations

UserGate calculates traffic for each user (including traffic through SMTP servers). Administrators can calculate and view user Internet statistics per day and/or per site for any time interval. Statistics can be performed based on protocols used or by numerous other criteria.

Billing System

The built-in Billing System performs automatic calculations of Internet expenses for each user based on time and/or traffic volume. The Billing System supports different rates for each user or for groups of users, switching rates depending on the time of day, day of the week or by website address.

User Authorization Methods

With UserGate users can be authorized by:

- Username and password.
- Windows authorization.
- Active Directory authorization.
- IP address.
- IP and MAC address.
- IP and MAC ticket.

Active Directory support lets you use centrally stored user information to be sure that all changes are automatically reflected in UserGate. Also, instead of having to manually enter each user; UserGate can import users from an Active Directory, which makes it extremely easy to set up user connections.

Remote Administration

UserGate has a UserGate Administrator module that allows network administrators to work remotely and be more mobile.

Firewall protection

UserGate Proxy's built-in firewall provides the additional protection of an Internet gateway to prevent hackers and other intrusions by blocking traffic going through particular ports (TCP, UDP, or any other IP protocol).

Port mapping

This function binds any port of a local Ethernet interface to a certain port of a remote host. Assigning ports is usually used for specific applications such as netbanking, remote control software and others when it's necessary to forward all calls going to some port number to an IP address on the local network.

Antivirus protection

It is critically important to ensure that all traffic going into a local network is cleaned of viruses and spyware. If you prefer not to use antivirus software on each local workstation, then UserGate Proxy can provide antivirus control for you by checking all inbound and outbound traffic using the protocols: SMTP and POP3 (E-mail), HTTP (web traffic) and FTP.

Panda Antivirus

Entensys has partnered with Panda Software to provide Antivirus scanning functionality for UserGate. The Panda antivirus engine is integrated into UserGate Proxy so that Panda Software works as a filter intercepting all data transferred through various Internet protocols. From all traffic it selects only those objects which are subject to control and analyzes them for viruses and spyware. The administrator has the option to exclude specific users from this general checking.

Kaspersky Antivirus and AntiSpyware

As an option you can also choose Kaspersky antivirus and antispyware engines, which are also embedded into UserGate Proxy.