

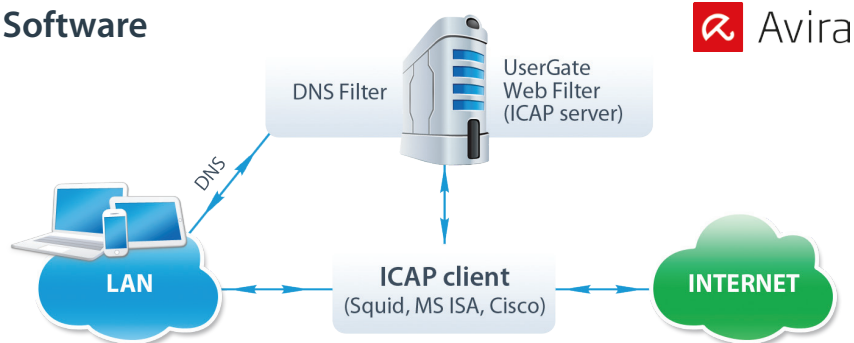
# UserGate Web Filter



UserGate Web Filter performs Internet filtering for businesses, schools, Internet providers, and public Wi-Fi access points.

## UserGate Web Filter is available as:

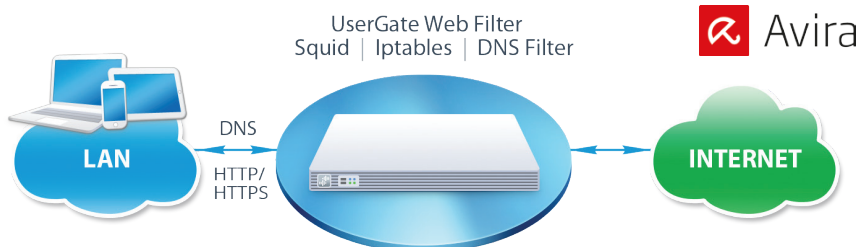
### Software



UserGate Web Filter can perform filtering at the level of DNS and HTTP/HTTPS requests. When filtering DNS requests, UserGate Web Filter emulates a DNS server with extensive filtering capabilities.

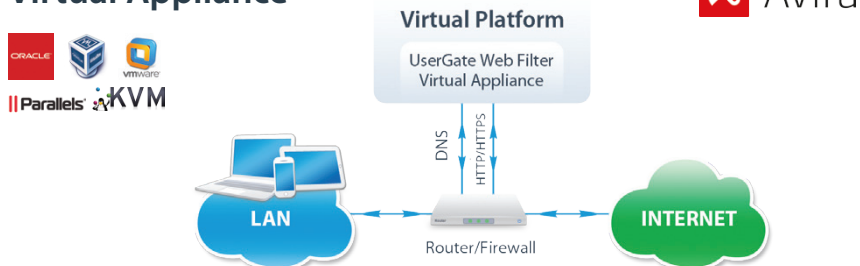
UserGate Web Filter supports Ubuntu Server 12.04 amd64, though it can be compiled for other operating systems upon request (\*nix).

### Appliance



UserGate Web Filter appliance is an appliance based on UserGate Web Filter. This is the easiest way to use UserGate Web Filter.

### Virtual Appliance



UserGate Web Filter Virtual Appliance is supplied in OVF (Open Virtualization Format) supporting such vendors as VMware, Oracle VirtualBox, Parallels and KVM. UserGate Web Filter Virtual Appliance is a special disk image for deployment UserGate Web Filter on virtual machine.

- ✓ Avira Antivirus – guaranty of safe surfing!
- ✓ Deep Content Inspection (DCI) Technology
- ✓ Central Administration Console

## Internet filtering mechanisms

- Category-based blocking
- Content filtering based on Deep Content Inspection (DCI) technology
- Safe Search
- Black and white lists
- Blocking banners and pop-ups
- Control of downloading files
- Antivirus scanning of data traffic based on DCI Technology

## Who can benefit?

UserGate Web Filter is designed for:

- Schools, to protect children from harmful information
- Operators of public Wi-Fi hot spots
- Internet providers, to provide additional Internet filtering services to users
- Businesses, to minimize non-productive web surfing by employees and protect users from Internet threats.

## Performance

UserGate Web Filter may be installed on any physical or virtual server and used as a private cloud solution.

One installed server can service thousands of users.

## Antivirus protection of downloading content

UserGate Web Filter uses antivirus core SAVAPI by Avira to check content downloaded from the Internet including files which guarantees safety Web surfing.

## Safe search

Administrators can force use of "safe search" mode on popular search engines (Google, Yahoo, Bing, Yandex, Rambler) and on YouTube.

Inappropriate content is blocked by the sites themselves, which is highly effective for filtering results of image and video searches, among others.

## Blocking of banners and pop-ups

Pop-ups are the bane of web surfers: it is all too easy to accidentally click a link in an obnoxious ad image. UserGate Web Filter does away with pop-ups, including ones loaded from other sites.

Banner ads are another significant source of annoyance. Visiting a safe site can still force you to view pornographic images in ads on the page margin, for example.

UserGate Web Filter solves this problem too, by zapping banner ads before users see them.

## Category-based blocking

UserGate Web Filter uses a massive URL database to classify sites based on 70+ categories. Over 500 million URLs are listed. The database is regularly updated:

- The site list is updated daily.
- Old listings are re-verified for changes to their content and/or category.

## Content filtering based on Deep Content Inspection (DCI) technology

UserGate Web Filter analyzes web pages for specific words and phrases, intelligently supporting the morphology of the most popular languages. This kind of control is applied to specific sections of a site, social network page, blog or forum. So it provides filtering without blocking the entire site at the category or domain level.

Users get regularly updated predefined dictionaries (for the Suicide, Terrorism, Pornography, Bad Words, Drugs, and Gambling word sets) in English and 6 other languages.

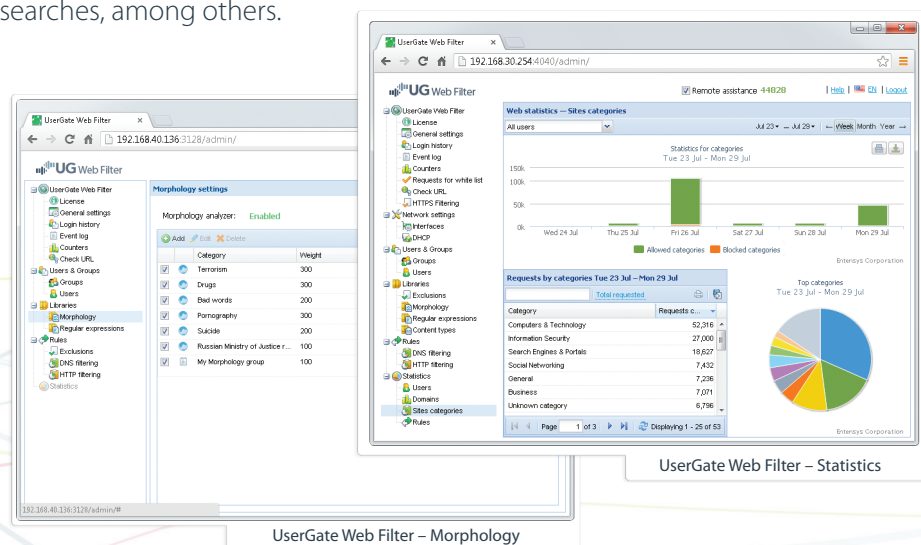
## White lists and black lists

UserGate Web Filter supports white lists and black lists of URLs.

White list/black list entries take precedence over the filtering settings of other mechanisms.

## Monitoring and statistics

UserGate Web Filter offers statistics for visited site categories as well as allowed/blocked hits.



## ICAP\* support

When filtering web traffic, UserGate Web Filter functions as an ICAP server that accepts ICAP client requests for filtering. ICAP clients can include Squid proxy servers, Microsoft ISA servers, Microsoft TMG, Juniper and Cisco hardware, etc.

\* Internet Content Adaptation Protocol

## Blocking of downloading files

The product can also deny downloads of certain files (EXE, DOC, MP3, AVI, etc).

## Filtering HTTPS traffic

Alongside ordinary unencrypted traffic, UserGate Web Filter can be configured to filter HTTPS traffic. The server performs certificate-swapping and morphological filtering on the fly.