

Web Content Filtering

About Vaioni

Since 2001 Vaioni have been delivering high performance, world class network broadband, telecoms and support services to 8000 users across the UK and Ireland. We have strategically designed and developed unique products and solutions to help businesses to success. Our portfolio of business services are delivered across our 3 datacentres, something which few competitors are able to provide at such a complex level.

Vaioni have also setup alliances with national Tier 1 carriers and peering arrangement with many ISP's. These alliances put Vaioni in a position that offers businesses, the latest technology, shortest route to the internet, lower costs and unsurpassed support on a national basis.

The web offers massive resources for research and access to databases and tools to help streamline a business. But who keeps an eye on who is doing what on the web? With most businesses having an internet connection and large portion using it to conduct business over and through it, keeping IT systems available and at maximum productivity.

Web content filtering allows the enterprise to control what web content users have access to. Vaioni use powerful web filtering software to help keep a business protected from inappropriate content being access and used.

For example, the enterprise may not want to allow access to pornographic web content. So this means anything relating to pornographic material, including images will be blocked. But content relating to sex education will be allowed. The powerful system will also allow you to block content based on keywords in search engines, block web content based on key phrases within the website and also through inappropriate images. It does not purely filter based on a banned list of sites (although this feature is also available); our system will provide a much more intelligent form of filtering. Even set times of the day certain users or groups are allowed access to the internet as a whole, this may exclude email.

Features

Dynamic Content Analysis - Why block 60 million inappropriate websites when you can block them all? Unlike traditional web filters, Vaioni's Web Content Filtering uses DCA technology to scan web content and determine page suitability on-the-fly. Staying one-step ahead is a thing of the past - real-time filtering cannot be fooled by unknown sites or updated content. DCA is not just effective, it's intelligent too; unlike other filters, DCA can spot harmless material such as medical, technical or journalistic content.

Filtering - Vaioni's Web Content Filtering is highly configurable - rules can be applied universally or on a per user / network / IP basis. Filtering can be performed by page content, URL, file or MIME type, and according to time of day restrictions.

Authentication - Customise the web filter by mapping rules to groups of network users. Vaioni's Web Content Filtering offers the most comprehensive range of authentication options:

LDAP - Connect to your existing LDAP authentication systems, including Microsoft Active Directory, Novell eDirectory, OpenLDAP and many more. Map web filter settings to your existing network groups with point-and-click ease.

Local user database - Vaioni's Web Content Filtering includes its own authentication database out-of-the-box, no external systems required. Add users and groups, map filter settings, and control access all from one place.

Reports - Choose from a wide range of ready-processed reports, or generate your own. Monitor web usage, view most visited sites, track user activity and much, much more. "Drill down" for finer detail, or remodel the results from any perspective. View, point, and click your way through the data, then export to your favourite spreadsheet.

Automated notifications - Pro-actively monitor Vaioni's Web Content Filtering performance with automatic report delivery and instant alerts via email or SMS.

prevent		intercept	
✓ Legal issues	✓ Spyware	✓ ActiveX controls	✓ Phishing scams
✓ Time wasting	✓ Viruses	✓ Java applets	✓ Browser exploits
✓ Employee grievances	✓ Trojans	✓ Malicious scripts	✓ URL spoofing
✓ Misuse of assets	✓ Bandwidth abuse	✓ Flash movies	✓ Shockwave
block			
✓ Advertisements	✓ Image search	✓ Online games	✓ Religious intolerance
✓ Adult material	✓ Instant messaging	✓ P2P (peer-to-peer)	✓ Retail
✓ Audio downloads	✓ Internet radio	✓ Pornography	✓ Vacation sites
✓ Chat sites	✓ Job sites	✓ Racial hatred	✓ Video
✓ Gambling sites	✓ Narcotics	✓ Ringtone downloads	✓ Violence
✓ Hacking	✓ News sites	✓ Sport sites	✓ Webmail
✓ Illegal downloads	✓ Online auctions	✓ Spyware	✓ <i>Many more...</i>

System requirements

*****Please note you require a dedicated machine for the web filtering to operate, as it uses its own operating system.*****

Minimum

500 MHz Processor
256 MBytes RAM
8 GBytes Disk

Recommended

2 GHz Pentium IV or Athlon
512 MBytes RAM
20 GBytes IDE or SCSI Disk

Optimal

2.8 GHz+ Opteron Athlon or Xeon
1 GBytes DDR RAM
40 GBytes Fast Disk