

Web Content Filter



CIPAFilter

See how different we really are!



"Our school has purchased and tried various filter systems in order to comply with CIPA. On several occasions those solutions were circumvented and required too much maintenance. CIPAFilter's solution was not only easy to install, but there were no licenses to purchase and it has worked flawlessly. Their product is excellent! Thank you CIPAFilter!"

- East Moline Schools, IL

"The CIPAFilter is outstanding and the imagination and drive to keep it current makes it a long-term investment of high value. Your support teams is excellent and the cost-savings has been great"

- UT Township Schools, IL

"Even our district consulting engineer has done a complete turn-around! He was skeptical at first, but he is so impressed with the CIPAFilter, he is now recommending CIPAFilter to his other school districts."

- Fort Stockton ISD, TX



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CIPAFilter's content filtering system was designed to provide school districts with a more simplified and effective approach to web filtering. **The system was developed based on feedback from schools, and offers a set-and-forget system that does not over block web-sites, prevents use of anonymous proxy servers and circumvention, and uses a very strict context-sensitive pornography filtering algorithm.**

Enhanced Pornography Filtering that is not as vulnerable to most filter circumvention methods and catches inappropriate content regardless of the source address, due to the context-sensitive system that looks at each page automatically prior to it reaching your network. By not using a database, CIPAFilter avoids the "cat-and-mouse" game and focuses on catching content as it is discovered by your students.

Advanced Anonymous Proxy Detection that utilizes the energy of your students to find these proxies for you, detecting new proxies as they are accessed by students nationwide and immediately alerting all CIPAFilter's – making it exceedingly difficult to locate and use these services!

Virtually Eliminate Over Blocking CIPAFilter's approach is to help schools rid false positives for good. Stop relying on purely black-list based filtering and decrease the need for having to unblock web-sites and create override accounts

Pornography Filtering

The pornography filtering is a very innovative context-sensitive algorithm that was designed to block as much pornography as possible without blocking legitimate web-sites. These results are attained by using a balance between "good", "bad" and "cancel" words. By carefully examining and balancing these variables, we have built a filter that displays complex emergent behavior. CIPAFilter can ignore words as necessary when used in good context and can distinguish the difference between breast cancer research and soft-pornography.

With this technique we can focus on the inappropriate content, while avoiding the ever present collateral damage that other filters cause, that simply use black-lists. Pornography is different from many other categories due to the language and words used. CIPAFilter can identify inappropriate and vulgar language from many other sources such as cached web-sites, web-mail, and anonymous proxy servers, personal web-pages and more.

The filtering system is automatic and does not need to be updated. It also includes an **automatic strict safe-search enforcement for common search engines**, which will aid in preventing inappropriate search words or images on Google Images for example.

Anonymous Proxy Server Detection

CIPAFilter has an extremely effective Anonymous Proxy Detection System that greatly reduces the possibility of students

circumventing the content filter. This powerful system combines every CIPAFilter that is active on the Internet, blocking a new proxy that is found nationwide within hours.

Content Filter Blacklist

CIPAFilter's URL content filter black-list consists of selected categories that can successfully be blocked, without causing false positives. CIPAFilter focuses on key categories that relate to education, and instead of creating lots of subcategories and inducing more granularity. This is a major philosophical difference between our content filter and competitors in the marketplace.

Category black-lists are updated automatically each night, and a major source for new updates is by investigating what web-sites students are gaining access to, helping us focus on adding web-sites that users are actually finding.

Authentication and Customized Filtering Privileges

CIPAFilter currently authenticates against Windows Active Directory, Novell EDirectory, and MAC Open Directory. With authentication enabled, each user-group may have a separate white-lists and black-lists and categories. You can allow shopping and web-mail access to teachers for example, and not for students, or block a specific web-site for students or a group of students. Internet access can also be disabled for a user. CIPAFilter supports both passive and manual authentication methods for most environments.