

Internet Filtering - XSTOP/8e6 R3000

The South Orangetown Central School District utilizes a centralized Internet filtering system based upon the 8e6 R3000 platform. The **XSTOP/8e6 R3000** solution is an enterprise class Internet filtering system designed to meet the needs of K-12 school districts.

<http://www.8e6.com/education.html>

XSTOP/8e6 R3000 manages all Internet traffic and filters requested Web pages through a comprehensive database of rated sites. The solution does not rely solely on key-word searches as do most other Internet filtering products.

Trained professionals examine thousands of Web sites each day to determine which ones should be added to the filter database. The result is a more intelligent approach to filtering. For example, a site dealing with statistics on "breast cancer" would not be blocked, while one dealing with "breasts" in a pornographic context would.

Primary Features:

- Complies with the Children's Internet Protection Act (CIPA)
- Filters the Internet: Includes URLs and/or IP addresses, file types (e.g. MP3, MPEG, .zip), HTTP, HTTPS, FTP, Newsgroups (NNTP), and TCP Ports.
- Blocks Internet Threats: Including spyware, malicious code and phishing sites.
- Ability to Block Instant Messaging and Peer-to-Peer: Utilizes 8e6's Intelligent Footprint Technology (IFT) to block IM and P2P servers by signature or pattern.
- Proxy Pattern Blocking: Blocks anonymous proxies using signature-based/network pattern detection.
- Google/Yahoo! SafeSearch Enforcement: Forces the SafeSearch mode "on" for all searches, including images within the Google or Yahoo! search engines.
- Internet Analysts and Content Verifiers: Review, analyze and categorize every new Web site added to the 8e6 Database.
- Customer Feedback Module: Sends frequent, non-categorized URLs from participating customers back to 8e6 on a daily basis. Selected URLs are reviewed and added to 8e6's standard library categories.

