

# Content Filtering Firewall Service

Internet Content Filtering Services for Demanding Education Environments



*Are Instant Messaging (IM) and Peer-to-Peer (P2P) becoming a part of your school's curriculum?*

*Is your school effectively implementing its Acceptable Use Policy (AUP) now that CIPA (Children's Internet Protection Act) requires schools to filter out inappropriate web sites or risk losing federal aid?*

*Around the clock, Trillion will ensure that your content filtering firewall system is available to protect your students from inappropriate web content, helping you maintain a safe Internet and education-focused environment.*

## Service, not Hardware

Trillion provides turn key content filtering firewall services. With Trillion, there is no hardware for you to buy and integrate. Trillion owns, installs and manages the content filtering solution remotely from our secure Network Operations Center. If there is a problem with the service, Trillion is on it – no system support is required from you. This frees your IT resources to focus on other education technology initiatives. You simply pay a standard monthly expense.

## CIPA Compliance

Our Content Filtering Firewall Service helps you meet CIPA compliance by ensuring that your content filtering solution is running and up-to-date. We verify that daily library file updates are successfully completed so that the most up-to-date information is used to filter your web traffic.

## Unparalleled Performance

Unlike many filtering solutions that require software installation on an existing cache, firewall or proxy server, Trillion uses a server appliance that offloads the filtering resource. This avoids slowing down Internet traffic and ensures stability, scalability and performance.

## Content Filtering Service Options

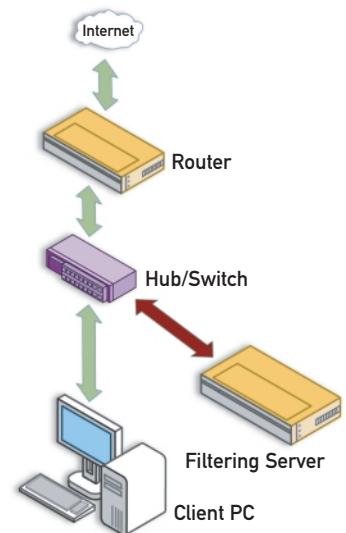
Trillion offers two levels of content filtering firewall services to meet your school district's requirements – Premier Content Filtering and Secure Content Filtering.

### Premier Content Filtering Service

Trillion uses the 8e6 appliance-based solution for our Premier service offering. In addition to benefits such as keyword filtering and URL & domain blocking, this service provides these key benefits:

#### ■ Real-Time Probe

Monitor a student's Internet usage in real-time to determine if that student is using the Internet appropriately.



*Filtering occurs outside the flow of network traffic.*



DATA ▲ VOICE ▲ NETWORK ▲ SUPPORT SERVICES

### ■ "X-Strikes" Blocking

Block a student's access to "unacceptable" Internet sites and lock-out a student's workstation from accessing the Internet after he/she makes a specified number of access attempts.

### ■ Google SafeSearch

Block access to inappropriate content within the Google search engine by forcing the Google SafeSearch mode 'on' for all searches, including images.

### ■ Customer Feedback Module (CFM)

Automated "auto learning" feature sends the most frequently visited non-categorized URLs from participating customers back to 8e6 Technologies on a daily basis. The selected URLs are reviewed and added to 8e6's standard library categories.

### ■ Evolving Category Library

High-speed artificial intelligence engine collects web sites on a 24x7 basis. Internet analysts individually verify and categorize each site. This methodology has been used since 1995 resulting in a database of 80 categories containing several million web sites.

### ■ Hosted Reporting

Trillion hosts the reporting server at our data center to reduce your equipment and data storage requirements. Extensive reports are viewable via the Trillion Wi-Zone web portal.

## Secure Content Filtering Service

Trillion's Secure Service provides the following benefits for the district:

- CIPA compliance capable
- Performs real-time analysis of all web traffic for keywords for all devices
- Supports URL and domain block lists

## Why use Trillion's Content Filtering Services?

All Trillion customers use a web interface to simply and quickly manage content filters or utilize the support services of the Trillion NOC for product assistance.



As with all Trillion network services, we provide customers with a COMMITMENT CODE to ensure excellence and guarantee total satisfaction.

## Content Filtering Firewall Service

Features	Secure	Premier
CIPA compliant capable	▲	▲
Customer administered filtering	▲	▲
URL & domain blocking	▲	▲
Automated upload of free public black list	▲	▲
Search keyword filter		▲
Embedded image filter		▲
X-Strike support		▲
Custom user/group profiles		▲
P2P blocking		▲
IM blocking		▲
Time-based filtering		▲
Alternate port blocking		▲
Spyware & malicious code blocking		▲
Category support		▲
Automatic paid subscription updates		▲
Authentication Integration with LDAP/AD		▲
Delegated administration		▲
Multi-level administration		▲
Reporting		▲
Control access to reports		▲
Failover capable		▲
Support for over 3,000 devices		▲

### Managed Service

24x7 availability monitoring	▲	▲
Incident management	▲	▲
Configuration backup	▲	▲
Proactive software updates	▲	▲
WiZone web portal	▲	▲
Daily Library update verification	▲	▲



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