ContentKeeper

Web Filtering, Reporting and Mobile Security for Schools

KEY FEATURES:

Comprehensive Web Filtering

Intelligent SSL Inspection

Granular Social Media Controls

Real-Time Video Whitelisting

Application Visibility & Control

1:1 / BYOD Policy-Based Controls

Web Reporting & Analytics

Suspicious Behavior Analysis

MAIN BENEFITS:

Reduce Administrative Costs

Manage SSL Encrypted Traffic

Secure Mobile Devices

Enable Safe Social Media Access

Ensure Policy Compliance

Support Multi-Gigabit Filtering

Full Featured K-12 Gateway Filtering Platform

The proliferation of online and mobile learning has brought significant safety and security challenges for IT administrators and is stretching resources and budgets beyond the breaking point. ContentKeeper's scalable, full featured K-12 Gateway Filtering Platform gives schools the comprehensive set of tools they need to allow safe access to valuable educational content across all devices and web browsers. The solution provides the following:

- Intelligent SSL decryption, inspection, reporting and controls
- Granular, policy-based Web 2.0 user controls
- Suspicious behavior monitoring, reporting and alerting
- Suspicious application identification and control
- Mobile device filtering and reporting

Intelligent SSL Inspection and Controls

The rapid growth of encrypted websites continues to cause significant safety and security challenges for IT administrators. Intelligent management of SSL/HTTPS traffic is essential for ensuring policy and CIPA compliance. ContentKeeper provides intelligent SSL inspection and decryption at multi-gigabit speeds, enabling highly scalable filtering and policy-based controls for secure web traffic across all devices and browsers. ContentKeeper's reliable gateway decryption service ensures accurate logging and reporting on SSL web activity without degrading network performance. Selective decryption ensures that educators and administrators can properly manage popular domains like Google, Yahoo, Bing and Facebook and safely open access to valuable educational content.

Mobile Learning Policy-Based Accountability

Mobile devices are creating both opportunities and challenges for schools. ContentKeeper makes it easier to deploy and centrally manage mobile devices including Chromebooks, iPads, Windows and Macs—enabling safe, secure web use both on and off campus. The solution ensures that BYOD and 1:1 programs are policy compliant with accurate user identification and reporting. ContentKeeper provides a simple and cost-effective solution allowing administrators to centrally manage on premise and mobile devices resulting in reduced operational costs.

Real-Time Monitoring and Scalable Reporting

ContentKeeper provides comprehensive, enterprise-class reporting so that school leaders can successfully monitor web use, security threats and student safety. Real-time online threat analysis, reporting and alerting help leaders proactively prevent school violence, self-harm and bullying. The solution is designed to handle massive amounts of data, making it easily scalable for large network environments. Real-time dashboards, executive summary and forensic drilldown reports provide the accurate data required to ensure policy compliance. Scheduled report generation and automated email distribution enable IT staff to put key information in front of administrators when they need it.

FREE 30-DAY EVALUATION
Register at
ContentKeeper.com

Granular Social Media and Application Controls

Social media sites such as Google, YouTube, Instagram and Facebook include useful as well as inappropriate content for students. Simply blocking access to these sites denies students and teachers access to a wealth of legitimate online learning resources and collaboration opportunities. ContentKeeper provides granular control of specific web application functions, allowing students and teachers to access valuable educational material while filtering out inappropriate content. ContentKeeper also identifies and blocks suspicious applications used to circumvent filters, such as UltraSurf, Tor, OpenVPN, Psiphon and BitTorrent—thereby ensuring CIPA compliance.

LMS Integration and Real-Time Video Whitelisting

Teachers want the flexibility to use educational videos in the classroom from domains like YouTube, Vimeo and others. ContentKeeper's intelligent SSL inspection works with industry-leading Learning Management Systems allowing teachers to do real-time video whitelisting so students can access important educational content.

Key Features	Technical Description	Key Benefits
Web Filtering	Multi-gigabit, real-time web content inspection. Heuristic, dynamic web content classification. Collaborative global feedback network. Custom URL categories.	Prevent exposure of harmful content to students. Ensure CIPA compliance. Maintain safe learning environments. Monitor and enforce Acceptable Use Policies.
Application Visibility & Control	Identifies suspicious applications used to hide web activity using peer-to-peer, VPN and proxy avoidance tools.	Prevent students from bypassing web filter using circumvention tools. Ensure enforcement of district policies.
Granular Social Networking Controls	Policy-based access permissions. Application sub-function controls for Google, YouTube, Facebook, Twitter and more. Dynamic video whitelisting.	Safely open access to social media sites. Help protect against cyberbullying. Safeguard student privacy. Reduce excessive time-wasting or bandwidth consumption.
BYOD & 1:1 Policy Management and Controls	Support for iOS/OS X, Windows, Chrome and Android devices. Laptops, smartphones, iPads and other tablets. Operating system and device agnostic. Tamper-proof controls for iOS, Windows and Chromebook devices.	Safely and efficiently support large-scale 1:1 & BYOD deployments. Utilize the latest technology and hardware as it becomes available. Ensure accurate identification, reporting and policy compliance both on and off campus.
SSL Decryption, Inspection & Controls	Selective decryption and filtering of secure web traffic. Policy enforcement of SSL credentials. Full scanning of all web traffic, including HTTPS. No client software required.	Protect, log and report on SSL web activity at multi-gigabit speeds. Ensure policy compliance. Control and filter secure web traffic without degrading network performance.
Advanced Reporting & Real-Time Alerts	Web-based multi-tenancy, multi-user enterprise-level reporting. Real-time dashboards, summary and drilldown detail reports. Anti-bullying / threat tracking tools and alerts. Scheduled reporting and automatic email distribution/publishing. Delegated access permissions for teachers and administrators.	Monitor policy compliance. Gain meaningful insight into web use, security events and student activity. Enable administrators to oversee their area of responsibility and empower teachers with valuable information to maintain safe learning, curb inappropriate behavior and prevent potential individual and schoolwide threats.
Layer 2 Load Balancing	Provides fault tolerance and helps manage increased traffic loads. Supports 1G, 10G, 20G and 40G primary link interface options.	Reduce costs. Provide a fail-safe environment. Avoid compatibility issues with third-party hardware and software.
Roles-Based Administration & Reporting	Role-based access permissions. Hierarchical policies across multiple schools, districts or domains. Delegated areas of responsibility, with local policy ownership. Complete flexibility to conform to your IT organizational structure.	Establish high-level and local policy settings. Delegate responsibilities to local IT administrators but maintain oversight and control in large-scale environments.
Maintenance	Automated updates and upgrades. Worry-free administration.	Save time and energy. Always remain up-to-date with the latest security and web content classifications.
Directory Integration / Username Resolution	Automated synchronization with user authentication directories such as Active Directory, Open Directory, Google & Radius.	Automatically maintain accurate user identification and policy control, with minimal maintenance and administration.
Cloud / Appliance / Virtual Server Deployments	A range of gateway deployment options is available, including a cloud or hybrid cloud-based web filtering platform based on your requirements.	Choose your preferred IT deployment architecture to best fit your environment. Apply web filtering policies to users both on and off campus.
Keyword Detection / Search Controls	Define prohibited custom words and phrases for search engines. Detect and block profanity or threatening language in Facebook chat, blogs and Twitter comments. Detect keywords embedded in documents or files.	Block inappropriate web searches. Reduce cyber-bullying. Protect against inappropriate behavior and harassment.
Optional Anti-Virus / Malware Protection	Proactive malware detection. Advanced proactive threat analysis sandbox. Isolated threat identification. Signature-based anti-virus/spyware detection. Forensic malware reporting.	Receive robust protection against known and new zero-day threats. Allow students and staff to securely browse the web on any device both on and off campus.

MicroShare
Identify. Manage. Secure.

microshare-inc.com   sales@microshare-inc.com   210.946.4686