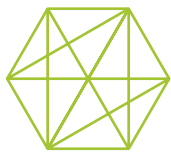**SOLUTION BRIEF**

Netsweeper for Education

Student Protection for K-12 Schools

Student Protection

Today's internet is always changing, and students are more vulnerable online than ever before.

As technologies change quickly, it also means that protecting students online requires a unique skill set and determination to constantly innovate.

Netsweeper has been protecting students online for over 20 years. Our filtering platform is designed to meet the requirements of any educational setting, and is the most complete, flexible, and supported in the industry.

Complete Policy Management

Netsweeper's easy-to-use WebAdmin interface centralizes policy management and administration. Policy changes are easily configured and seamlessly applied to all policy servers in the cluster whether you are a single school, a large school district, authority, council, or using a service providers filtering service.

Define and manage filtering policies for users, workstations, and groups. User-based rights allow you to personalize access based on IP address, user, group, time of day, and day of week. Time and day-based rights enable you to grant web access on specific days or hours, increasing productivity and reducing

bandwidth to ensure user activity won't be negatively impacted by time-consuming distractions.

Customize your filtering by creating your own lists of URLs you want to block or allow. Define these for the entire filtering cluster or be specific to a group of users. Block specific keywords both in URLs and search engines. Control specific file types, applications, and specific actions on social media platforms.

Use delegated administration to push filtering policy management outside your core operations centre. This reduces overhead and allows you to tailor filtering to your specific needs.

Student Safeguarding and the Prevent Duty

Keeping Children Safe in Education is a U.K. statutory guidance. It contains legal duties that schools must follow. Radicalization prevention and student safeguarding sets a high standard for online protection.

In the U.K., Keeping Children Safe in Education is a statutory guidance that promotes the welfare of those under the age of 18 attending schools and colleges. Schools are obligated to follow guidelines to protect students.

Other guidance regarding the prevention of radicalization (the Prevent Duty) and student safeguarding, has set a high standard for the protection of students online.

Netsweeper's filtering platform meets the requirements defined in the U.K. and any educational institution across the globe can use our proven student protection solutions.

- Per-user filtering, logging, and reporting
- Create alerts to highlight dangerous incidents
- Industry-leading categorization with accuracy
- Real-time analysis of actual page content
- Protection across all devices, on or off network
- Proven performance for large networks

SSL Decryption

Encrypting website traffic using HTTPS is essential for protecting privacy online. In the past, encryption protected banking websites and online mail. Social media sites, news sites, and other common websites are now often encrypted.

Encryption presents challenges for network traffic visibility. We recognize the importance of maintaining control of your network traffic. That's why we developed selective SSL decryption. With selective SSL decryption, you can identify specific websites for decryption. You can avoid decrypting users' emails while decrypting social media sites. This balances the need for visibility with maintaining user privacy.

Decrypted website traffic enables detailed logging, reporting, and policy enforcement. It also provides URL keyword filtering, search keyword filtering, and safe search enforcement. Manage specific website actions on supported social media sites and web applications. For example, you can block a user's ability to post on Twitter or access specific pages. This is all done with performance in mind. Decrypting SSL traffic doesn't have to mean a massive investment in more equipment.

Off-Network Device Filtering

School-issued laptops and tablets have raised concerns around security and acceptable internet use. Schools provide students with devices to take home for self-guided learning and homework. Those devices must still protect against online threats. Most mobile devices can have Netsweeper's filtering "clients" installed.

You can manage, log, and report off-network internet use the same as on-network use. Netsweeper's industry-leading web filtering protects school devices taken off-network. This is all done from the same management console. Traffic on mobile devices is not proxied to a central server to perform filtering. This ensures that private data is safe.

Supported operating systems include Windows, Mac OSX, Android, iOS, and Chrome.

**WINDOWS, MAC OSX, GOOGLE CHROME
& CHROMEBOOKS, IOS, ANDROID**

Per-User Authentication and Filtering

Implementing filtering requires the ability to identify users on your network. Our solution provides granular policy management and detailed information on network use. Save time, money, and reduce complexity by using your existing infrastructure. Integrate with popular directory service systems to provide per-user filtering. You'll also receive administrative authentication and management.

Microsoft
Active Directory ◆ **Novell.** **G**

MICROSOFT ACTIVE DIRECTORY/AZURE, NOVELL EDIRECTORY, APPLE OPEN DIRECTORY, GOOGLE DIRECTORY

Logging and Reporting

Managing a filtering platform means making decisions about filtering policies and incidents. This requires meaningful information about user habits on your network. Netsweeper delivers this information via a powerful reporting framework that enables granular analytics. Netsweeper's logging and reporting framework can scale to the largest networks. The reporting engine can transform that raw information into insights. Out-of-the box reports are available from initial deployment. You can configure almost any type of report to perform the network analytics you need. You can create reports on-demand or schedule them. View the reports in the WebAdmin interface or have them delivered to users.

CIPA

CIPA (Children's Internet Protection Act) was enacted by the United States Congress in 2000 over concerns about inappropriate content children have access to online.

Complying with CIPA qualifies schools for the E-rate program. This program helps make communications products and services more affordable.

Netsweeper's Education Solutions meet the requirements of CIPA with the following features:

• Block adult content such as hacking, criminal skills, and illegal activities

• Enforce SafeSearch across popular search engines

• Monitor internet activity

• Create user-based reports

• Create deny and allow lists of URLs

• File type blocking such as zip files and exe files

• Create eSafety awareness campaigns using content-specific block pages

• Protect against web threats like malware and viruses

• Control instant messaging, webmail, and social network applications

• Block applications

Netsweeper Cloud Solution

Take advantage of Netsweeper's leading web filtering technology without the need for on-premise hardware by using our cloud-based solutions. Our cloud-based web filtering platform is easy to setup and provides unparalleled visibility and control allowing you to create and manage policies, create and review reports, all with per-user granularity. Once the cloud service is active, you can control many locations from one portal, meaning you don't need to worry about installing any onsite software or hardware.

Learn more about web filtering and student safety

Lenovo Filtering & Safety   Contact Us