

# Secure Messaging Gateway Web and Content Filtering for Education

Internet access at schools offers a myriad of benefits, including interactive learning and collaboration, increased student engagement, and unprecedented access to teaching materials and tools. Yet with access comes risk. Access to the web can wreak havoc by allowing harassment and cyberbullying, inappropriate and harmful content, and introducing viruses and malware into your network.

## Micro Focus Is Here to Help:

With Micro Focus solutions, your educational institution can open up the web to students and staff while controlling undesirable and damaging content. Micro Focus Secure Messaging Gateway provides you with the ability to monitor, filter, and block web traffic and content. This solution gives you the power to:

1. [Prevent cyberbullying and harassment](#)
2. [Restrict inappropriate, malicious, or other harmful content](#)
3. [Govern student access](#)

## Prevent Cyberbullying and Harassment

Monitoring and filtering web content can prevent potentially harmful situations from ever getting started. This proactive approach to preventing harassment allows you to intercept a message before it is delivered and then alerts administrators, teachers, or other appropriate personnel about the message.

Over the past year, 42% of teenagers with tech access report being cyberbullied. One in three kids have been threatened online, and three million children are absent from school each month because of bullying. This harassment has to stop.

## Avoid Inappropriate, Malicious, or other Harmful Content

Web traffic and content filtering allows you to prevent access to harmful and malicious content and websites while still providing your students, teachers, and other school staff access to good, appropriate, and pertinent information. Unfettered internet access can lead students to inappropriate, malicious, or harmful content. This content can be in the form of malicious, dangerous, or pornographic websites, or it can



be through the creation of harmful content, through social media, blog, video uploads, or other web postings.

## Maintain Control of Student Access

Mitigate the risks of students accessing inappropriate content: Allow them to access the web via your network. This method allows you to control what is being viewed. If students are using your filtered and monitored network to access the internet, you maintain control of what your students see while at school.

## The Micro Focus Solution

### INTERNET TRAFFIC FILTERING

Secure Messaging Gateway provides you with the ability to monitor, filter, and block HTTP traffic. It integrates with compatible ICAP systems to provide content filtering for incoming and



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outgoing internet traffic, including URL filtering, social media, and search filtering. Secure Messaging Gateway intercepts inappropriate or harmful content and alerts managers, administrators, and other pertinent parties via email and the Secure Messaging Gateway interface.

Examples of filtered content are:

- Inappropriate or harmful communications
- Pornographic or illicit materials
- Advertisements
- Suspect information
- Other content based on school policy

**INTERNET ACCESS PROTECTION**

Secure Messaging Gateway scans HTTP traffic from a compatible ICAP device and prevents access based on URL category, reputation, school policy, and file type, including hidden executable and malignant files.

Secure Messaging Gateway web traffic monitoring and filtering will protect your organization from the inherent risks of internet usage in schools, including:

- Malicious sites
- Loss of productivity from internet misuse
- Inappropriate incoming and outgoing content
- Virus infiltration

**MORE THAN JUST BLOCKING**

Secure Messaging Gateway HTTP monitoring provides organizations with the ability to filter content from a site, rather than blocking the site in its entirety. You allow content from sites that would have been totally blocked in the past, due to small quantities of inappropriate content. You determine and implement the access policy using Micro Focus® solutions. And then teachers can provide content to greatly enhance the learning environment in an organization. The information these sites contain can be invaluable to engage students and ensure interactive learning.

Examples of HTTP Traffic Filtering Sites:

- Facebook, Twitter, LinkedIn, and other social media
- Google, Bing, and other search sites
- YouTube, Vimeo, and other video sharing sites

Allow students and teachers to access, post, and search good content. Do this by monitoring and filtering content—not just blocking all possibly offensive sites in their entirety—using Micro Focus solutions.