

# Protecting learners. Shielding schools.

**SandBlast for Education  
makes online learning safe.**



## SandBlast for Education solution overview

### Product Benefits

- Provides safe online environment for learners, on and off campus
- Ensures cybersecurity and compliance assurance for schools
- Allows simple deployment on school-provided devices

### Product Highlights

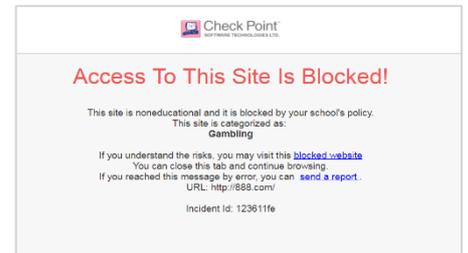
- URL filtering: Monitors and controls browsing activity
- Safe-search enforcement: Blocks explicit search results
- Anti-bullying: Detects and prevents cyberbullying
- Anti-phishing: Protects students personal information
- Threat extraction: Assures delivery of risk-free files
- Credentials re-use prevention: Prevents use of school domain credentials in untrusted websites
- Compliance: Helps comply with CIPA and other regulations
- Deployment: No hardware needed, easy to deploy, integrates with Google Admin Console
- Visibility: Leverages Check Point's best-in-class monitoring and reporting

## The digital age spurs innovation and risks

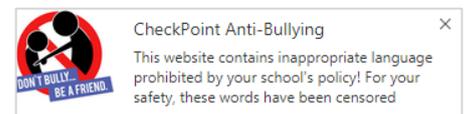
The digital age has impacted virtually all aspects of modern life, including how we educate our children. Digitally connected classrooms are giving teachers the flexibility to blend traditional in-class teaching with vast online resources. Students are benefitting from a hybrid instruction by absorbing knowledge from textbooks and authorized websites, apps, learning games, and more.

However, the new technologies valued by so many, can be abused by a few. Internet use in schools has opened the doors to risk, including

- Uncontrolled exposure to harmful and inappropriate website content
- Cyberbullying on social networks
- Phishing websites collecting student's personal information



**Figure 1. Notification of blocked access**



**Figure 2. Preventing cyberbullying activities**

The cyber world has pushed many children to grow up quickly. Studies indicate [90%](#) of children ages 8-16 have viewed online pornography and [54%](#) of teens have witnessed online bullying, causing significant psychological and emotional stress. To help promote safe use of the internet in schools, laws such as the Children's Internet Protection Act ([CIPA](#)) have been adopted. Innovative new solutions help protect children and schools from online abuse.

## Introducing SandBlast for Education

Check Point SandBlast for Education provides purpose-built content control and cybersecurity for school-provided devices. It leverages our industry-leading security technologies and capabilities.

### Safe online environment for learners, on and off campus

SandBlast for Education monitors and controls browsing activity by using advanced, dynamic, and highly accurate URL filtering capabilities with granular whitelisting and blacklisting capabilities. It blocks explicit search results by enforcing safe-search capabilities in Google, Yahoo, Bing and YouTube, and can block access to other search engines.

The SandBlast solution also detects and prevents cyberbullying by monitoring for word usage, profanity and other offensive or inappropriate language in social networks, instant messaging websites, and other websites. In addition to monitoring and alerting administrators, an anti-bullying feature blocks keywords and issues an alert to students before they post offensive content. SandBlast for Education protects students by using real-time dynamic analysis and advanced heuristics to identify and prevent access to new and unknown phishing sites that target personal information through web browsers.

### Easy and flexible cybersecurity policies

SandBlast gives you an easy, flexible way to block the content categories deemed inappropriate by your cybersecurity policies. It's as easy as checking the boxes as seen in Figure 3. Access is blocked and an immediate notification sent to the student. SandBlast also prevents unauthorized access by detecting school domain credentials found in untrusted, easy-to-compromise websites.

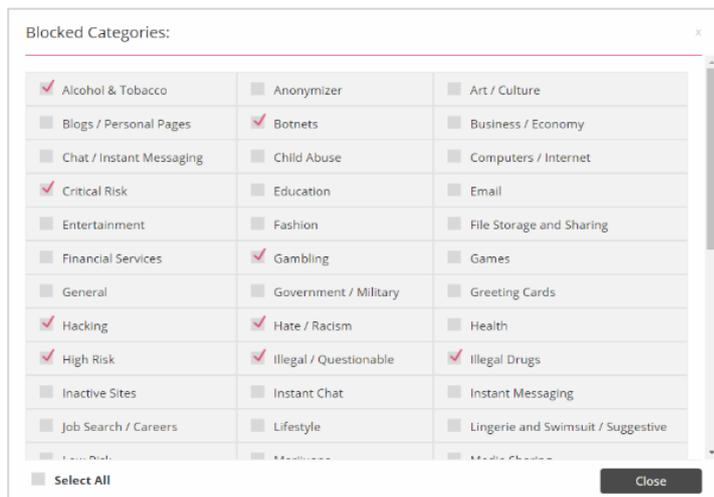


Figure 3. Restrict access by category type

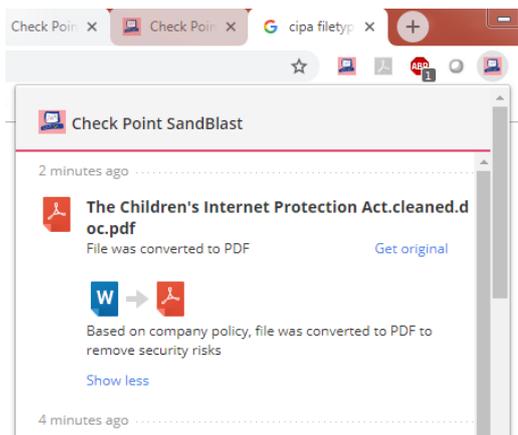


Figure 4. Malicious content removed automatically

### Cybersecurity and compliance assurance

SandBlast for Education delivers risk-free files by removing potentially malicious content from downloaded documents, converting them to PDF format. An admin-configurable, self-catered capability preserves the original version of the document. The file cleaning process takes only seconds to complete and a notification similar to the one on right will be displayed.

### Simple deployment on school-provided devices

SandBlast for Education is a Google Chrome browser-extension for Chromebooks that's pushed and configured through the Google Admin Console and requires no additional hardware. Monitoring and reporting capabilities are provided as a cloud service via a Check Point managed interactive web portal, offering pre-defined views and reports with extensive drill-down capabilities and customization options.



Figure 5. Interactive web portal

To see how SandBlast for Education can help you meet your cybersecurity challenges, please contact your local Check Point Software representative.