



Web Security

Delivered in the Cloud

Secure any School or District of any size, anywhere, without backhauling data

The rapid adoption of cloud computing and mobile enablement have brought valuable learning resources to the classroom, but also introduced new threats to school networks and data. Securing today's schools and protecting student data is challenging and traditional Web filtering solutions are no longer powerful or flexible enough to safeguard schools across a wide range of locations and mobile users. The iboss Secure Web Gateway Platform enforces CIPA and other regulations, while delivering all of iboss' patented, advanced features direct-to-cloud, offering Security as a Service with no hardware or software to deploy and maintain. iboss education-focused Web Security delivers unrivaled ease-of-use, optimal cost savings and the lowest total cost of ownership (TCO) in the market.

The iboss Advantage for Schools

- ✓ Enforces CIPA compliance by encompassing all users in your security policies anywhere, anytime with content-aware filtering across all Web traffic including all 131,070 data channels on your network
- ✓ Stops port-evasive threats and proxy circumvention attempts with multi-layered application management
- ✓ Delivers latency-free SSL content management with selective decryption
- ✓ Secures mobile devices including iOS, Android, and Chromebooks even while off-premises
- ✓ Ensures critical traffic such as online testing and attendance is always connected with intelligent bandwidth shaping and reporting
- ✓ Enables granular social media access while monitoring cyberbullying and high risk users
- ✓ Built in tools allow for safe and effective BYOD implementation
- ✓ Solves Google and YouTube pain points with patented technology
- ✓ Cloud-based functionality allows you to scale up or down instantly
- ✓ No hardware to deploy, manage or maintain saves IT resources, lowers TCO and reduces capital expenditure (CAPEX)

Feature Descriptions

Unrivaled Visibility and Protection Against Malware leveraging Evasive Protocols

Most Web security platforms lack the ability to detect evasive applications such as TOR creating a 'blind spot' that allows malware to execute its mission and steal your organization's data. iboss is the only Web Security Platform that detects and restricts evasive malware such as Zeus64, which uses the TOR network to exfiltrate data undetected. iboss removes network 'blind spots' on all devices, while increasing visibility across your network.

Advanced Application Management and Safe Social Media

iboss advanced application scanning with deep packet inspection (DPI) secures the school gateway from unwanted applications, threats and circumvention attempts. And iboss enables granular content-aware management of social media applications with policy-based enforcement.

Multi-layered Proxy Enforcement

Students who try to circumvent your school's Web security solution are often assisted by Web proxies designed to enable anonymous browsing. iboss technology immediately identifies and secures circumvention attempts using a global database. iboss features include keyword filters and email alerts.



The iboss Cloud Platform deploys instantly to deliver iboss' patented next-gen technology direct-to-cloud, including our exclusive advanced threat defense features. iboss offers options for Public and Private Cloud, giving you maximum flexibility to meet your organization's requirements:

Public Cloud – Unique containerization ensures your data is never mixed with any other organization's data.

Private Cloud – Deploy local sensors for some functions, while sending remote offices and roaming users direct-to-cloud with no backhauling data and no latency.



Proprietary Clean Video Search

iboss' proprietary Clean Video Search dynamically strips unwanted ads and comments directly from video results, ensuring classrooms only receive clean videos.

Patented Google Management Features

iboss technology enables safe use of Google Services such as Google Images and Translation with iboss Clean Image Search and Translation Filtering. It goes beyond safe search to protect against inappropriate images or translation, which may violate CIPA compliance. In addition, iboss' patented Google/YouTube SSL management solves the pain points of managing Google and YouTube without decryption, enabling enforcement across BYOD.

Single-Pane-of-Glass Console for Streamlined Management and Reporting

iboss' true single-pane-of-glass management and reporting console provides zero-second visibility across all locations and devices, while simultaneously reducing the resources needed to manage. In addition, iboss' elastic cloud provides on-demand expansion of report log retention when you need it, without requiring you to add expensive appliances. This reduces costs and increases efficiency, while creating a better security posture.

Intelligent Bandwidth Management/QoS

iboss integrates an advanced Bandwidth Management/QoS module to provide granular control of bandwidth during peak usage hours, so network availability for important functions, such as online testing, is never jeopardized. Unlike standard solutions that continuously apply policy per domain or IP, iboss provides dynamic throttling during peak hours or per group or per individual by binding to directory services, allowing you to apply predefined rule categories, throttling per UDP port, IP range or TCP/IP address.

BYOD and Guest WiFi Management

iboss reduces the risks of BYOD and Guest WiFi users with integrated BYOD management that extends advanced threat protection and CIPA compliance across all your mobile users, including BYOD and guest WiFi, while ensuring that increased bandwidth demand doesn't impact availability during critical tasks, such as testing. iboss also identifies BYOD users not using a NAC and provides a captive portal that binds them to your network directory or LDAP automatically, delivering accurate policy enforcement across all users, regardless of device ownership. iboss BYOD tools include advanced application controls and High Risk Auto Quarantine.

Additional Features

- ✓ Public or Private Cloud Options
- ✓ Layer 7 Proxy circumvention defense
- ✓ Cloud Application Security
- ✓ Secure iOS, Android, and Chromebooks on or off network
- ✓ Content-aware social media controls
- ✓ High-Risk application quarantine
- ✓ Content management for YouTube, Google images and translation
- ✓ Proactive threat notification with keyword and event triggers
- ✓ Auto-triggered Desktop Recorder
- ✓ OS and browser independent
- ✓ Delegated Administration
- ✓ VLAN trunking support
- ✓ Fail-over and Fail-Safe Bypass Ports
- ✓ SSO with Directory services integration across all users including BYOD
- ✓ 24/7/365 concierge technical support

For more information:

iboss Cloud Platform Data Sheet

iboss Advanced Threat Defense Data Sheet



MicroShare provides leading-edge network security solutions with a focus on unparalleled customer service. From our highly trained security engineers to our business support group, the entire MicroShare team is committed to delivering quality products for large organizations since our founding in 1994. Visit www.microshare-inc.com

About iboss Cybersecurity

iboss Cybersecurity defends today's large, distributed organizations against targeted cyber threats which lead to data loss, with the iboss next-gen Secure Web Gateway Platform, leveraging innovative cloud architecture and patented advanced threat defense technologies. iboss advanced solutions deliver unparalleled visibility across all inbound/outbound data channels, and include security weapons that reveal blind spots, detect breaches and minimize the consequences of data exfiltration. With leading threat protection and unsurpassed usability, iboss is trusted by thousands of organizations and millions of users. Visit www.iboss.com.