iboss FWaaS

Military Grade Security for K-12

iboss is proud to offer the iboss Zero Trust Edge (ZTE) to the K-12 Education market. iboss Zero Trust Edge Firewall-as-a-Service (FWaaS) is USAC compliant and 85% E-Rate eligible. iboss delivers a next generation, military grade, cloud-based firewall platform that enables schools to eliminate purchasing and managing multiple legacy technologies including Internet web filters (not E-Rate eligible). iboss also eliminates the need to deploy costly VPNs to redirect student internet access to the school while they work from home.

What is iboss FWaaS?

The iboss ZTE FWaaS for Education is a cloud-based firewall solution that provides school districts with the ability to decommission traditional on-premises appliances and move beyond traditional Next Gen Firewall (NGFW) products and services. The platform currently supports over two thousand school districts including the largest districts in the U.S. iboss ZTE FWaaS platform offers advanced threat protection (ATP), cloud app firewall and monitoring, an intrusion prevention system (IPS), advanced antimalware defense, and Domain Name System (DNS) security. The result is unmatched visibility and internet policy management across all students while increasing the school's cybersecurity posture to military grade standards and protect the schools most critical data from cyber-attacks.

Why does K-12 need iboss ZTE FWaaS?

School District applications, data and services have mostly moved from the school datacenter to the cloud, making them easily accessible by attackers. Perimeter-based security measures, such as legacy on-prem firewall appliances, or NGFWs, are quickly becoming obsolete and incapable of protecting students, district employees, and applications.

Now, with iboss ZTE FWaaS for Education, School Districts are connected to a single global firewall with a unified ZTE application-aware security policy, allowing districts to implement an enterprise cybersecurity FWaaS solution.

Advantages of iboss FWaaS

Security Policy Deployed via the Cloud from a Single Edge
- A single firewall distributed across an organization's sites and users that enforces consistent policy for all.

Transitions Costs to an Operating Expense Consumption Model
- Eliminates the need for purchasing (CAPEX), installing and maintaining appliances in your datacenter. Reduce costs and improve efficiency.

Scalability and Flexibility
- Scales the firewall to your organization's size and locations quickly. iboss cloud edges remain close to your users to protect your resources
- Consolidate solutions to reduce cost and strain on the technology teams' resources while increasing visibility on at risk and high-risk students through one unified policy and reporting platform.

iboss FWaaS

Firewall Protection That Extends Beyond the Physical Network Perimeter
- The iboss cloud provides full firewall protection for users regardless of location. This includes Intrusion Prevention, connection tracking, as well as IP and Port blocking. The iboss containerized architecture extends firewall protection to users at all times to ensure fast and secure connections to cloud applications and resources.

Intrusion Prevention Regardless of User Location
- The iboss cloud's containerized architecture allows stream-based data to be processed even when users are remote. Full firewall IPS is supported, including the ability to use existing IPS signature subscriptions.

Core Firewall Functions Including Connection Tracking and NAT
- This allows stream-based flows to traverse the iboss cloud via tunnels or iboss Cloud Connectors. The iboss Cloud Connectors can transparently tunnel data directly from user devices to the iboss cloud for firewall protection. As data flows through iboss cloud, firewall security is applied to the streams to ensure compliance and security.

Block IP Addresses and Ports by Group
- For PCI compliance, the need to block IP Addresses and ports is critical. The iboss cloud provides these critical capabilities and extends the features so they can be dynamically applied to users or groups dynamically. IP ranges and port ranges are supported in combination with user identity.

Built-In Reporting that Scales
- Integral to the iboss FWaaS platform, the included reporting provides detailed logging that delivers clear visibility into cloud use, to reduce infections and gain insight regardless of user location. Retention of data also scales with additional reporting capacity that stretches beyond the required reporting functionality of the platform.

CONTACT US

iboss

+1 877.742.6832

sales@iboss.com

101 Federal St
Boston, MA 02110