Web Security
Delivered in the Cloud

Secure any organization of any size, anywhere, without backhauling data

The rapid adoption of cloud computing and mobile enablement have resulted in an ever-expanding borderless network, impacting organizations in every market sector. Securing today's distributed enterprises is challenging, and traditional appliance-based solutions are no longer powerful or flexible enough to safeguard corporate data across a wide range of remote locations and mobile users. The dependence on cloud-based SaaS applications to drive business requires cloud cybersecurity that can meet these challenges. The iboss Secure Web Gateway Platform delivers all of iboss' patented, advanced features, direct-to-cloud, offering Security as a Service with no hardware or software to deploy and maintain, while ensuring unrivaled protection against today's APTs, evasive threats and data loss.

The iboss Advantage

Superior defense against evasive threats across any device regardless of where they roam with less overhead

- ✔ Encompasses all users in your security policies anywhere, anytime and on any device, with user-based directory integration and enforcement
- ✔ Provides flexibility with iboss cloud or customer-hosted cloud options for organizations that are restricted by regulatory compliance or prefer an on-premises solution
- ✔ Extends behavioral based malware detection across mobile devices and remote sites increasing your organization's security posture in minutes, without heavy CAPEX investments
- ✔ Monitors and detects malware, leveraging evasive protocols such as TOR to extract data from organizations
- ✔ Stops port-evasive threats with granular application management
- ✔ Provides more options to manage SSL traffic than any other solution, increasing your organization's ability to detect threats across encrypted traffic, including BYOD and Guest WIFI

Better visibility with fewer resources lowering TCO and CAPEX

- ✔ Secure a large distributed organization within minutes without having to backhaul data
- ✔ Avoid costly and resource-intensive appliances, which require ongoing maintenance and regular upgrades to remain current
- ✔ Extend advanced security and visibility to remote sites and mobile users with ease, while managing through a single–pane-of-glass reporting and management console
- ✔ Gain more visibility across threats and activities for all users and devices regardless of where they roam
- ✔ Ensure bandwidth control so that mission-critical applications such as Office 365 are always connected and recreational traffic can be throttled during peak hours to increase productivity and lower costs
- ✔ Scale up or down instantly to fit any enterprise requirements, pay only for the services you need
- ✔ Lower total cost of ownership (TCO) and conserve IT resources, with no hardware or software to purchase, manage or maintain
- ✔ Combine your need for local control with the flexibility and scalability of a Security-as-a-Service solution with iboss Customer-Hosted Cloud option

iboss CLOUD

The iboss Cloud Platform deploys instantly to deliver iboss' patented next-gen technology direct-to-cloud, including our exclusive advanced threat defense features. With options for All-Cloud, Customer-Hosted Cloud, or any combination, you have maximum flexibility to meet your organization's requirements:

iboss Cloud – Unique node container architecture ensures your data is never mixed with any other organization's data.

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

Feature Descriptions

Unrivalled 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.

Industry's Most Powerful SSL Traffic Management
Threats are increasingly leveraging SSL to mask communication and infiltrate networks, creating an urgent need to secure SSL traffic. However, decrypting all traffic is not an option when regulatory requirements or organizational policies prohibit it. iboss offers more options to manage SSL traffic, without the need to decrypt. This not only increases your organization's ability to detect, block and respond to threats faster, it does so without the need to add resources, for the lowest TCO on the market.

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 CAPEX and increases efficiency, while creating a better security posture.

Intelligent Bandwidth Management/QoS
iboss integrates an advanced bandwidth management/QoS module to ensure mission-critical resources are always connected, while reducing recreational traffic during peak hours. 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 across all your mobile users, including BYOD and guest WiFi, while ensuring that increased bandwidth demand doesn't impact mission-critical traffic. 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. iboss BYOD tools include advanced application controls and High Risk Auto Quarantine.

Additional iboss Secure Web Gateway Features

- ✔ Public or Customer-Hosted Cloud Options
- ✔ Layer 7 Proxy circumvention defense
- ✔ Cloud Application Security
- ✔ 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 & Guest WiFi
- ✔ 24/7/365 concierge technical support

For more information:
iboss Cloud Platform Data Sheet
iboss Advanced Threat Defense Data Sheet

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