Web Security Suite

Designed for Today's Complex Borderless Networks

Deployment Options:
✓ **Appliance**
✓ **Hybrid**
✓ **Cloud**

Standard security solutions that focus only on Web data ports, 80 and 443, lack visibility into the full Web stream – a critical requirement for protecting against today's advanced persistent threats (APT). Only iboss Web Security Suite, with its proprietary stream-based technology, gives you visibility and control across all 131,070 data ports on your network, for unrivaled protection against port-evasive applications, advanced threats, malware, zero-day attacks and data loss.

Benefit Highlights

- Prevents data loss by scanning all inbound/outbound data channels

- Stops port-evasive threats with granular application management

- Delivers latency-free SSL protection with selective decryption

- Secures your borderless network with advanced BYOD management and built-in mobile device management (MDM)

- Assures network performance with integrated Bandwidth Management

- Delivers unrivalled regulatory and policy enforcement with comprehensive reporting and live dashboards

- Scales to fit the largest enterprises, with flexible deployment options to fit any network scenario

Feature Descriptions

Unrivalled Visibility across All Ports

iboss gives you visibility and control over all the data channels on your network for inbound/outbound protection across 131,070 TCP and difficult-to-secure UDP ports used for streaming data. iboss inline, stream-based technology supports detection and mitigation of threats that use hidden UDP ports to launch attacks.

Advanced Application Layer Management

iboss advanced application scanning with deep packet inspection (DPI) secures the gateway from unwanted applications and threats with multi-layered, content-aware technology that includes torrent and file-sharing protection, proxy circumvention detection, protocol management and trigger-based alerts.

iboss Web Security Suite Features

Advanced Security

- Protect across the entire Web Stream
- Detect and mitigate infected devices
- Secure against Advanced Threats
- Prevent data loss with signature-less defense
- Granular SSL traffic inspection
- Layer 7 Proxy circumvention defense
- Advanced IM and P2P controls
- Content-aware social media controls
- High-Risk app quarantine
- Content management for YouTube, Google images and translation
- Intelligent bandwidth shaping to ensure mission critical traffic

Comprehensive Reporting

- Packet-level reporting
- Drill-down forensic-level intelligence
- Dynamic search by keywords
- Live Bandwidth & Threat Dashboards
- Proactive threat notification with keyword and event triggers
- Auto-triggered Desktop Recorder

Flexible Deployment & Administration

- Transparent inline deployment with other options available
- 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

"The manner in which their technology was architected from the beginning makes the iboss platform very good for large deployments. Their technology has the ability to scale into high-bandwidth applications with low latency — that is a distinct competency of iboss."

Frank Dickson
Industry Director, Network Security
Frost & Sullivan

HTTPS/SSL Scanning with Selective Decryption

iboss technology uses advanced algorithms and signatures to dynamically scan SSL traffic and prevent damaging malware and other threats from reaching your network. Unlike other solutions, iboss' content-aware, selective decryption allows you maximize throughput and avoid man-in-the-middle attacks by filtering SSL traffic per your policies.

Centralized Threat and Event Reporting Console

The iboss Threat and Event Console Reporter integrates powerful network insight and forensic intelligence across all iboss security solutions, with features that include drill-down reporting, dynamic geo-mapping, real-time dash-

boards and exclusive desktop recording. With iboss, you are assured immediate, actionable intelligence on who, where and how your network is being accessed, giving you time to mitigate problems before they cause data loss.

Intelligent Bandwidth Management/ QoS

iboss Intelligent Bandwidth Management delivers granular control of bandwidth during peak usage hours, unlike standard stateful shaping technology, which continuously applies policy per domain or IP. iboss enables dynamic throttling during peak hours or per group or individual with features that include binding to directory services, predefined rule categories, throttling per UDP port, IP range or TCP/IP address.

BYOD (bring your own device) Management

iboss integrates BYOD management to extend advanced threat protection to all mobile users, while assuring that increases in bandwidth demand don't affect 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, assuring accurate policy enforcement across all users. iboss BYOD tools include advanced application controls and High Risk Auto Quarantine.
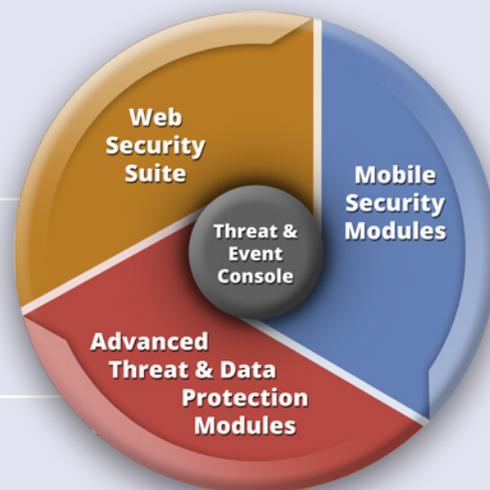
Hardware Specs – iboss offers a wide-range of appliances to fit any size organization. Here are some examples:

Model	CPU	Hard Drive	Memory	Through-put	Workstations	Physical
2160	Intel Core i3- 2120 3.3 GHz	160 GB SSD	2GB DDR2 667MHz RAM	100Mbps	200-300	1U
14600	Intel Xeon Quad-core X5550 2.66GHz	120.0 GB SSD	12GB DDR3 1333MHz RAM	1Gbps	12,000-50,000	1U
14600x	Intel Xeon Quad-Core X5550 2.66 GHz	4 x 1TB RAID	12GB DDR3 1333MHz RAM	5Gbps+	50,000-250,000	1U

iboss Next-Generation Solutions

In addition to the Web Security Suite, iboss offers expanded modules for comprehensive protection. All modules are completely integrated with Web Security Suite to deliver aggregate, single pane of glass reporting:

- Web Security Suite with integrated BYOD and Bandwidth Management
- Advanced Threat and Data Protection with Behavioral DLP & Sandboxing
- Mobile Security with integrated MDM

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