

# Web Security Suite

## Designed for Today's Complex Borderless Networks

Standard security solutions that focus only on blocking threats via 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). iboss Web Security offers unrivaled data visibility and continuous network monitoring that go beyond simply blocking, to detect high-risk users and find malware already on the network. And with live dashboards and alerts you're able to locate and immediately mitigate problems before data loss can occur. Only iboss offers proprietary stream-based technology that gives you visibility and control across all 131,070 data channels on your network, delivering unmatched real-time protection against port-evasive applications, advanced threats, malware, zero-day attacks and data loss.

### Benefit Highlights

- Protects against advanced threats and prevents data loss with continuous monitoring of 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)
- Ensures network availability with intelligent 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

#### Beyond Blocking with 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.

#### Deployment Options:

- ✓ Appliance
- ✓ Hybrid
- ✓ Cloud

### 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 way their tools are architected from the beginning makes them very good for large deployments... They have the ability to scale into high-bandwidth applications with low latency – that is a distinct competency of theirs"*

**Frank Dickson**  
Industry Director, Network Security  
Frost & Sullivan

### HTTPS/SSL Scanning with Selective Decryption at the Gateway

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 to maximize throughput and avoid man-in-the-middle attacks by filtering SSL traffic per your policies.

### Centralized Threat and Event Reporting with Micro-SIEM Data Access

iboss Threat and Event Console Reporting integrates powerful network insight and forensic intelligence across all iboss security solutions, including Web, Mobile and Data. Our exclusive

micro-SIEM technology dynamically indexes data logs and stores multiple terabytes and years of data, providing easy access for forensic investigations or historical drill-down reports. Additional iboss Threat and Event features include dynamic geo-mapping, real-time dashboards and exclusive desktop recording.

### 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.

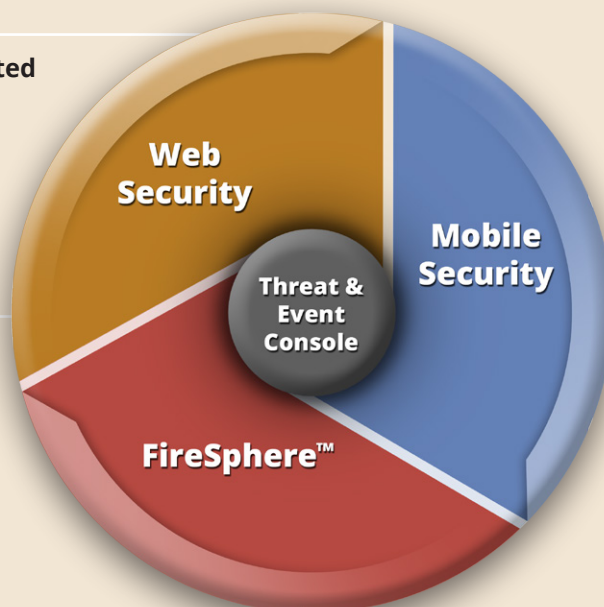
### BYOD (bring your own device) Management

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.

## iboss Next-Generation Solutions

iboss patented technology protects organizations from APTs, targeted attacks and data loss with innovative Web Security, Mobile Security and FireSphere™ advanced APT defense solutions. All iboss solutions are integrated with our exclusive advanced threat SIEM single-pane-of-glass reporting.

- **Web Security with integrated BYOD and Bandwidth Management**
- **FireSphere™ for advanced defense against APTs**
- **Mobile Security with integrated MDM**



## About iboss Network Security

iboss Network Security protects today's borderless networks against malware, advanced threats and data loss with innovative Web Security, Mobile Security and FireSphere™ advanced APT defense. Backed by patented technology, iboss' stream-based approach delivers unparalleled visibility across all inbound/outbound data channels and port-evasive applications, with technology that offers infinite scalability to handle the largest bandwidth demands. iboss outbound data defense includes best of breed Antivirus, Sandboxing, data anomaly detection, and integrated SIEM-like reporting, to better detect and respond to infections already on your network. Leveraging leading threat protection and unsurpassed usability, iboss is trusted by thousands of organizations and millions of users globally.

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