

Bandwidth Optimization

Ensure Access to Critical Applications and Services

Bandwidth consumption has grown significantly over the past several years, and that growth is not only continuing – it’s accelerating. To maintain productivity and security, it’s critical that organizations be able to control and manage their bandwidth usage intelligently and flexibly.

Unfortunately, many organizations are unable to do so. That’s because their legacy secure web gateway (SWG) solutions claim to manage bandwidth consumption, but they do so with static shaping that applies controls across all users with an “on or off” approach. They don’t offer the precision that’s needed to manage bandwidth effectively today, especially for organizations in regulated industries.

Unlike legacy SWG solutions, the iboss Distributed Gateway Platform takes a new and more innovative approach. The iboss Distributed Gateway Platform applies policy-driven, granular controls that enable dynamic shaping during peak hours, or when saturation is met.

Offered as an add-on for any package, Bandwidth Optimization gives organizations complete control over bandwidth shaping to ensure access-related regulatory requirements and business-critical processes are never at risk.

Key Features & Capabilities

- Shapes Traffic Only When Necessary
- More Cloud Without Interruption
- Directory Awareness
- Flexible Policy Controls
- Real-Time Network Visibility
- Real-Time and Historical Visibility & Comprehensive Reporting

iboss Distributed Gateway Platform Unique Node-Based Architecture

The iboss Distributed Gateway Platform is specifically designed to meet the cybersecurity needs of distributed organizations – but it does so in a completely different way. Built for the cloud, the iboss Distributed Gateway Platform can defend today’s complex and decentralized networks, and the branch offices, remote locations, and mobile users

that depend on them. The iboss Distributed Gateway Platform also provides the flexibility required to drop-in and replace existing on-prem systems, allowing organizations to transition to the cloud smoothly, at their own pace, without the need to re-architect their existing networks.

Key Features and Capabilities

Shapes Traffic Only When Necessary Bandwidth Optimization ensures that vitally important SaaS and cloud-based applications and services are always accessible by prioritizing traffic during peak hours. This is a must-have in regulated industries and in segments in which high-availability environments are the norm. With network directory integration, it also prioritizes bandwidth provisioning for key staff members on both corporate-owned and personal devices.

Most web security solutions that claim to manage bandwidth do so using shaping, which applies controls continuously. Bandwidth Optimization from iboss is different. It uses proprietary technology to prioritize traffic only during peak hours, ensuring that key processes are always supported with the bandwidth they need, minimizing the risk of disruption.

Leverage More Cloud Without Interruption Many popular cloud-based platforms, such as Salesforce, use stream-based ports to deliver content, increasing bandwidth demands and straining network resources. Unlike other solutions, the iboss Distributed Gateway Platform uses a stream-based approach that allows IT or network operations teams to identify and throttle traffic based on 50 predefined categories, including streaming media. The Bandwidth Optimization feature makes it easy to create policies that prioritize business-essential traffic so that critical or regulated processes are never impeded.

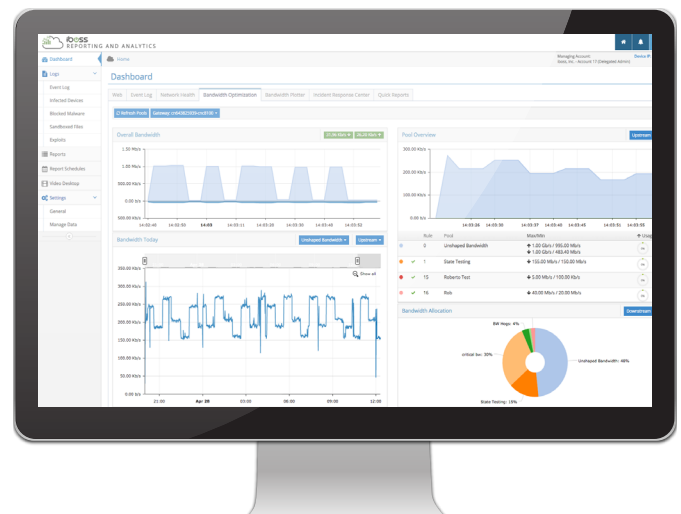
Real-Time Network Visibility Get an instant view of bandwidth usage by geographical location showing consumption by connection, packets, and data usage for destinations worldwide. This unmatched visibility allows network administrators and operations teams to create more effective configuration policies and instantly identify high-risk data movement.

Real-Time and Historical Visibility & Comprehensive Reporting

Data about all aspects of bandwidth provisioning and consumption are sent to the iboss Distributed Gateway Cloud Admin Console. There, administrators, IT teams and network operations groups can access both real-time and historical bandwidth information in the console's reporting section for fast and easy report generation and customization. They can also instantly view that data via the Live Bandwidth Dashboard and Plotter.

Directory Awareness Bandwidth Optimization from iboss delivers seamless binding to directory workgroups. This enables the customization of usage policies based on users, not just ports or protocols. This ensures users' bandwidth priority on both their IT-provisioned and BYOD devices.

Flexible Policy Controls The iboss Distributed Gateway Platform provides the flexibility needed to create bandwidth allocation policies based on user, IP, domain, or destinations, using the Bandwidth Heat Map. This gives administrators granular controls that allow them to maximize efficiency and performance across their networks.



This advanced bandwidth tracking dashboard provides detailed insights into network resources, including:

- Visibility into all bandwidth consumption, including views by individual user and across all users, by IP address, by ports and protocols, and by destination or source
- Bandwidth tracking and geotagging provides a live map overlay showing outbound bandwidth, highlighting top destinations. It uses reverse mapping of the IP address to destination for instant feedback on where network resources are being used
- Dynamic Bandwidth Plotter delivers instant heat-map tracking on bandwidth consumption by connection, packets and data usage to instantly trace threats globally

About iboss

iboss has created the first and only Distributed Gateway Platform specifically designed to solve the challenge of securing distributed organizations. Built for the cloud, iboss leverages an elastic, node-based architecture that provides advanced security for today's decentralized organizations and scales to meet the ever-increasing bandwidth needs of tomorrow. The iboss Distributed Gateway Platform is backed by more than 100 patents and protects over 4,000 organizations worldwide, making iboss one of the fastest growing cybersecurity companies in the world.

To learn more, visit www.iboss.com or contact iboss at sales@iboss.com