

## Unmatched Protection Against Polymorphic Threats

Defending against today's advanced persistent threats and targeted attacks requires technology that goes beyond signature-based protection. To provide truly comprehensive network protection against polymorphic threats, a security solution must combine both signature- and behavior-based approaches.

Malware Defenses provide protection through malware identification and mitigation from top signature databases and a proprietary malware registry. Beyond reputation-based defenses, the malware features utilize advanced content analysis and sandboxing capabilities to passively inspect or manually deposit user-downloaded files for behavioral analysis. This knowledge helps network security teams protect their organizations against future attacks.

### Key Features & Capabilities

- Signature & Behavioral Analysis
- Reputation Defense
- On-Demand Malware Sandboxing
- Malware Containment
- Integrated Reporting
- Targeted Content Analysis

## 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 & Capabilities

The iboss Distributed Gateway Platform uses reputation defense databases, top signature databases, and a proprietary malware registry to analyze and identify malware. Malware features utilize advanced content analysis and sandboxing capabilities to inspect user-downloaded files to determine whether or not they pose a threat, and if so, take action to protect organizations.

### Key capabilities include:

#### Signature & Behavioral Analysis

Defend against malware, both known and never-before-seen, with dual-layer security: signature-based analysis crosschecks online resources against top malware databases while behavioral-based analysis detonates files within an isolated environment to observe for malicious or suspicious activity.

**Reputation Defense** Leverage iboss' industry partnerships to check the reputations of online resources, ensuring your network is exposed only to safe and legitimate material.

#### On-Demand Malware Sandboxing

Whenever users are suspicious about files, this feature enables them to deposit files directly into the Sandbox manually for execution and analysis.

**Malware Containment** Unlike other solutions that only warn teams when malware is detected, iboss is able to intercept and contain files, increasing threat visibility and reducing noise and resource requirements.

**Integrated Reporting** The Advanced Malware Defense features are integrated with the Reporting and Analytics console for easy generation and distribution of customized threat and attack reports. These intuitive reports help IT and network security teams shorten their response times.

#### Targeted Content Analysis

Empowers network security administrators to create custom rules that determine how malware policies are applied to their organization. Administrators can configure these rules to selectively evaluate files based on their content types, request methods, and destinations, greatly increasing specificity. When high-risk file traffic is detected, automatic alerts and security actions are triggered to inform administrators and protect against malicious content.

## 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 patents pending, and protects over 4,000 organizations worldwide, making iboss one of the fastest growing cybersecurity companies in the world.

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