iboss® × Microsoft

SOLUTION BRIEF | MAY 2022

iboss and Microsoft® Integration Solution Brief

The iboss Zero Trust platform integrates seamlessly with Microsoft

- Microsoft Azure AD
- Microsoft Defender for Cloud Apps
- Microsoft Sentinel
- Microsoft Purview Information Protection (MIP)
- Microsoft 365

The iboss Zero Trust Edge is the only edge that can deploy into **Microsoft Azure** to ensure that the data and applications for each organization are kept secure and separate.

Microsoft and iboss Integrations At-A-Glance

Azure Cloud + Gov Cloud

iboss provisions directly into Azure Cloud on per tenant basis. **Available on Marketplace.**

Azure Active Directory

iboss forces SAML authentication to legacy resources under Azure AD.

iboss applies Conditional Access to Azure AD for every resource transaction.

Microsoft Purview Information Protection

iboss detects and prevents transfer of files tagged with Microsoft Purview Information Protection labels.

Microsoft 365

Allows direct secure user access to M365.

iboss is a certified M365 partner.

Microsoft Sentinel

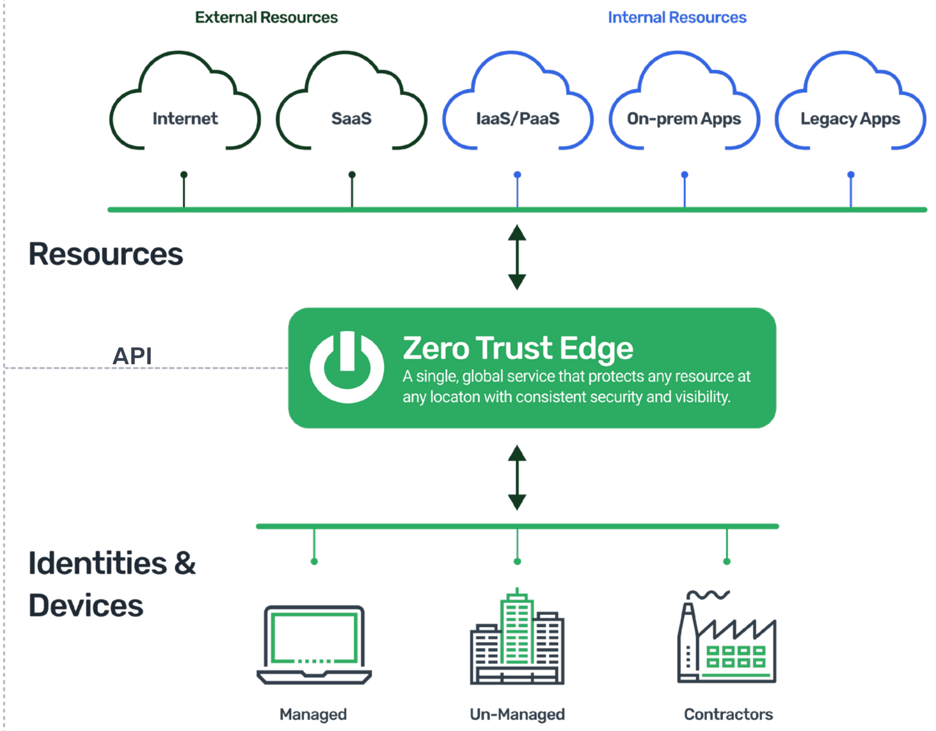
Injests high fidelity iboss logs.

iboss adaptive real-time active defense workflow.

Available on MarketPlace.

Microsoft Cloud App Security

iboss extends MCAS visibility and protection to **all** non-Microsoft applications and non-Windows devices.



Business Use Cases Solved by iboss and Microsoft

Provide Safe Fast Employee Access to any Corporate Resource Located Anywhere

☑ **Public Internet** ☑ **Private Cloud** ☑ **Private Datacenter**

- iboss enables an employee to securely access any resource from any location and any device.
- iboss authenticates and grants or prevents access on a per request basis.
- iboss additionally applies **Microsoft Azure AD** policies to allow or deny resource access.

Force Authentication to any Non-SAML Aware Resource

- iboss integrates with **Microsoft Azure AD** to force SAML authentication over to **Microsoft Azure AD** for any legacy resource.
- iboss leverages Microsoft tenant restrictions to allow access to only authorized accounts via iboss cloud.
- iboss integration with **Microsoft Azure AD** applies conditional access policies for each resource transaction based on risk posture or threat using Microsoft's Conditional Access authentication context (auth context).

Provide Secure Contractor Access to Corporate and Internet Resources

- iboss allows contractors to securely access corporate resources using any device.
- iboss Browser Isolation shows the user locally what an isolated browser processes remotely so that malware can't infect the local user's device.
- iboss provides anti-phishing protection and conditional access tied to **Microsoft Azure AD** identity.
- iboss agentless protection enables contractors to securely access SaaS applications, eliminating costly VDI infrastructure.

Extend Microsoft Defender for Cloud Apps Visibility, DLP, and Threat Prevention

- iboss integrates with **Microsoft Defender for Cloud Apps**[1] to protect non-Microsoft applications and non-Windows devices.
- iboss prevents data leakage in transit from any cloud application from any location.

Enrich Threat Intelligence and Automate Incident Response

- iboss generates high fidelity threat intel via CEF feed into **Microsoft Sentinel** that simplifies SOC analyst investigations and expedites responses.

Extend Zero Trust Edge Into Microsoft Azure for any Microsoft Azure Customer

- Organizations can stretch iboss Zero Trust Edge automatically to protect those resources simply by provisioning iboss gateways directly in **Microsoft Azure** from the Microsoft Azure Marketplace.
- Organizations can apply their existing **Microsoft Azure** capacity to marketplace purchased iboss gateways.
- Organizations can have the flexibility to deliver additional network security and malware engines within **Microsoft Azure**, providing greater security and value of **Microsoft Azure** resources.

Detect Sensitive Data Tagged With Microsoft Purview Information Protection Labels and Deny Transfer

- iboss' integration with **Microsoft Purview** unified labels detects documents tagged as sensitive and blocks transfer of a document to outside or restricted applications.
- iboss can restrict file access by geolocation to comply with GDPR and other data residency requirements.
- iboss prevents data loss from **Microsoft Azure** by blocking transfers of files tagged with **Microsoft Purview** sensitivity labels.

Overview of iboss and Microsoft Integrations

- **Microsoft Sentinel Integration:** Admins can activate the integration between iboss and **Microsoft Azure Sentinel** in less than 15 seconds from their **Microsoft Azure** console. The integration includes standard workbooks that enable easy visualization, easy analysis, and active response within iboss can be done from within **Microsoft Sentinel**.
- **Microsoft Azure Active Directory integration**: iboss forces SAML authentication to any non-SAML aware app resource by applying **Microsoft Azure AD** authorization to any legacy resource.
- **Microsoft Defender for Cloud Apps**[i]: iboss extends **Microsoft Defender for Cloud Apps** visibility and protection features to all non-Microsoft applications and non-Windows devices.
- **Extend iboss Zero Trust Edge into Microsoft Azure**
  - The iboss Zero Trust Edge has been extended into **Microsoft Azure** on a per tenant basis, protecting **Microsoft Azure** resources and leveraging customers' purchased **Microsoft Azure** capacity.
  - iboss gateway policy enforcement points are available within the **Microsoft Azure** Marketplace for fast easy deployment.
- **Microsoft Purview Information Protection Integration**
  - iboss detects and responds in real-time to data tagged with **Microsoft Unified Labels**.
  - iboss extends Microsoft data protection to non-Microsoft cloud applications by leveraging Microsoft labels.

iboss and Microsoft Certifications

iboss is a **certified Microsoft 365 networking partner.**

- iboss is in compliance with Microsoft network connectivity principles.
- iboss identifies **Microsoft 365** (M365) traffic and enables local egress for that traffic to avoid backhauling which ensures the fastest path to M365.
- iboss owns and operates its own fabric which enables remote user access without VPNs and hairpins which are contrary to Microsoft networking principles.
- iboss secures your traffic without introducing network security intrusion to **M365** traffic. **Learn more here.**

iboss is a Microsoft Intelligent Security Association member.

Member of
Microsoft Intelligent
Security Association
Microsoft

[i] Microsoft has recently renamed Microsoft Cloud Application Security (MCAS) to **Microsoft Defender for Cloud Apps**

About iboss®

iboss is a cloud security company that enables organizations to reduce cyber risk by delivering a Zero Trust service designed to protect resources and users in the modern distributed world. Applications, data and services have moved to the cloud and are located everywhere while users needing access to those resources are working from anywhere. Built on a containerized cloud architecture, iboss delivers security capabilities such as SWG, malware defense, browser isolation, CASB and data loss prevention to protect all resources, via the cloud, instantaneously and at scale. This shifts the focus from protecting buildings to protecting people and resources wherever they are located. Leveraging a purpose-built cloud architecture backed by 230+ issued and pending patents and more than 100 points of presence globally, iboss processes over 150 billion transactions daily, blocking 4 billion threats per day. More than 4,000 global enterprises trust the iboss Cloud Platform to support their modern workforces, including a large number of Fortune 50 companies. iboss was named one of the Top 25 Cybersecurity Companies by The Software Report, one of the 25 highest-rated Private Cloud Computing Companies to work for by Battery Ventures, and CRN's top 20 Coolest Cloud Security Companies of 2022. To learn more, visit www.iboss.com

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