

# Inline Data Discovery for Microsoft Purview

Extend Microsoft Purview's reach to the network, preventing data loss and gaining visibility into all transfers.

## Overview

### The Problem

Microsoft Purview offers strong tools for classifying and protecting data within Microsoft environments. Yet, organizations also need protection for sensitive data when it moves beyond Microsoft's ecosystem over the network.

Unseen data transfers lead to security risks, compliance issues, and operational blind spots. For example, when a user transfers a labeled, sensitive document – say, to a personal Dropbox or Google Drive - this visibility is required to prevent data breaches and compliance violations. Leading to...

### The Impact

Unseen data transfers create security risks, compliance gaps, and operational blind spots for organizations.

**Data Loss:**

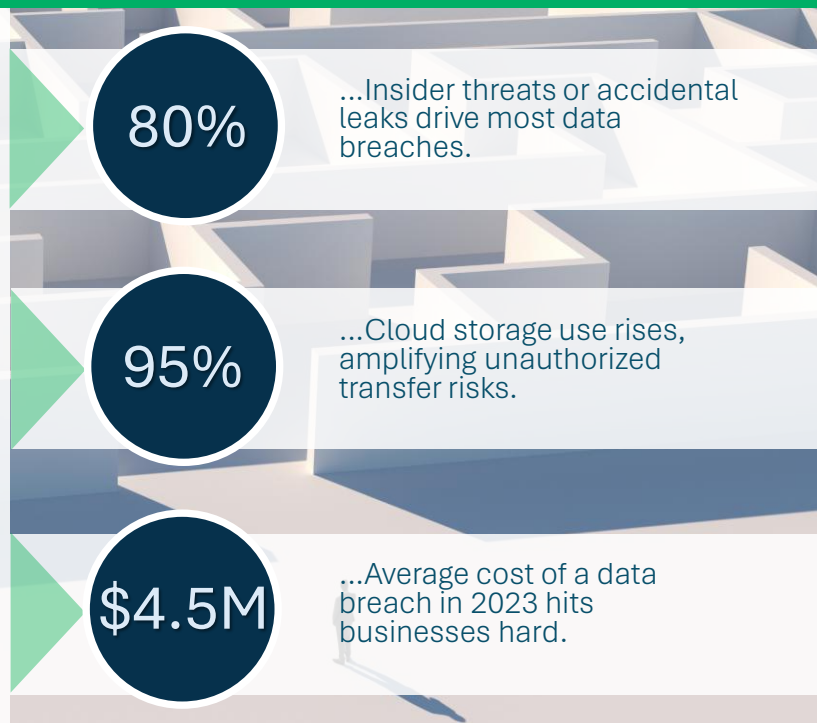
Sensitive data leaks to unapproved destinations, risking breaches and compliance violations.

**Limited Visibility:**

Security teams cannot track data moving outside Microsoft, slowing threat detection.

**Inadequate Protection:**

No inline controls mean risky transfers go unchecked, exposing businesses.



### The Solution

The iboss Zero Trust SASE platform integrates with Microsoft Purview to address this gap. With the new Inline Data Discovery capability, iboss syncs Purview policies via API, bringing them into its inline inspection framework.

Sitting in the data path, iboss sees all transfers - whether to personal cloud storage, SaaS apps, or elsewhere - and applies real-time controls. iboss decrypts HTTPS traffic, inspects content, & extracts files or text matching Purview policies - It then submits this data to Purview for analysis, giving Microsoft visibility into transfers

Beyond visibility, iboss enforces native inline DLP policies in parallel to Microsoft Purview submissions, blocking risky transfers. This dual action - enriching Purview's insights while stopping leaks - sets iboss apart.

### Key Takeaways

**Comprehensive Data Protection**

Blocks unauthorized transfers in real-time, preventing data loss.

**Enhanced Visibility**

Offers full insight into data movements beyond Microsoft's reach.

**Seamless Purview Integration**

Syncs with Purview policies for consistent network enforcement.

### Fully Unified, Fully Distributed

**Unified Controls**

Managed via iboss' single console, enforcing policies across all users and locations.

**Unified Protection**

Uses HTTPS decryption and inline iboss DLP to secure data wherever it flows.

**Unified Visibility**

Integrates network transfer logs into Purview for a complete security view.




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## Feature / Benefits

Key Features	Key Benefits
<b>Automatic Policy Synchronization</b>	<b>Consistent Security Policies</b>
iboss pulls Microsoft Purview policies via API, aligning network rules with Microsoft settings.	Ensures network controls match Purview setups, avoiding policy gaps or mismatches.
<b>Inline Traffic Inspection</b>	<b>Real-Time Threat Detection</b>
Decrypts and scans all network traffic to catch transfers tied to Purview policies.	Spots risky transfers instantly, allowing swift action to halt potential data leaks.
<b>Content Submission to Purview</b>	<b>Enhanced Data Insights</b>
Extracts files or text from transfers and sends them to Purview for analysis.	Adds network transfer details to Purview, boosting data governance and visibility.
<b>Real-Time DLP Controls</b>	<b>Proactive Data Protection</b>
Applies inline rules to stop unauthorized transfers as they're detected.	Prevents data leaks instantly, cutting breach risks before damage occurs.
<b>User and Group Mapping</b>	<b>Simplified Management</b>
Translates Azure GUIDs into readable usernames and groups for reporting.	Clarifies logs and reports, making policy enforcement and review easier.
<b>Label Detection and Enforcement</b>	<b>Granular Control</b>
Detects labeled documents in transfers and applies strict policies as needed.	Protects highly sensitive data with precise, label-based security measures.

## Conclusions

-  **Seamless Integration**  
iboss links Purview to the network, unifying security across platforms.
-  **Proactive Protection**  
Real-time DLP stops data loss, keeping businesses secure and compliant.
-  **Comprehensive Visibility**  
Illuminates all transfers, empowering teams with total data insight.

## Additional Resources

-  Inline Data Discovery for Microsoft Purview [Solution Brief](#)
-  Visit [iboss.com/](https://iboss.com/) for more information

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