

Panzura Nexus connects Panzura CloudFS with Microsoft 365 Copilot, enabling AI-powered search and insights on enterprise file system data. The solution delivers content, metadata, and audit events from CloudFS in real-time, preserving original file access controls. Users ask Copilot natural-language questions about their files, gaining insights across millions of documents, accelerating everyday work.

### Business Problems Solved

Customers have large volumes of unstructured data in CloudFS, but extracting value and insights from it has presented significant challenges — until now. Panzura Nexus changes that. Key challenges include:

Problem	Impact
<b>Data Discovery &amp; Insights</b>	Users can't easily find information or gain insights from millions of files scattered across their file system
<b>Secure AI Access to Enterprise Data</b>	No way to leverage AI (like Microsoft Copilot) to have conversations about file system content while maintaining existing access controls and preventing unauthorized data exposure
<b>Legacy File System Limitations</b>	Traditional file systems lack AI-powered search, making advanced queries impossible
<b>AI Spend Optimization</b>	Many customers already pay for Microsoft 365 Copilot, but Copilot has no visibility into their CloudFS data. Nexus closes that gap

### Core Capabilities & Business Value

Capability	Description	Key Benefit
<b>Data Ingestion</b>	Pushes file content, metadata, and audit events from CloudFS to Microsoft Graph in real-time. Handles file creates, updates, ACL changes, renames, and deletes as discrete events — no scheduled crawls, no permission drift	Extends the reach of Microsoft 365 Copilot, unlocks the value of existing Enterprise Datasets
<b>Access Control &amp; Security</b>	Policies control what data gets ingested. CloudFS file permissions are safeguarded — users can't see in Copilot what they can't see in CloudFS	Guardrails for AI, ensuring the same security as the file system
<b>Dashboard &amp; Reporting</b>	Timeline of upload rates into Copilot, total count and size of objects (by policy, file extension, user, time range)	Full awareness of data ingestion
<b>Licensing</b>	Based on source storage file system capacity (not ingestion volume)	Easy to understand, easy to plan

Panzura Nexus makes CloudFS content and metadata AI-searchable through Microsoft 365 Copilot — with real-time ACL synchronization and policy-based governance. Set the policy, select the data, and Copilot stays in sync with your file system.

Existing Panzura customer? Contact your CSM. New to Panzura? Schedule a demo at [panzura.com/demo](https://panzura.com/demo).