

Bring Decades of Enterprise Data to Life.

We help organizations securely transform enterprise dark data into accessible, searchable, and AI-ready assets while reducing storage costs and AI investments.

[SOLUTION OVERVIEW](#)

Enterprises have spent decades building institutional knowledge. Most of it is now inactive, sitting in file systems, storage platforms, and archive repositories that were built for retention rather than retrieval. The result is dark data: information the business paid to keep but can no longer find, use, or reason over.

As Microsoft 365 Search, Copilot, and AI agents become the way people work, that inaccessibility has shifted from an IT inefficiency to a business constraint. AI cannot use what it cannot reach.

Our Mission: CAEVES helps organizations securely transform enterprise dark data into accessible, searchable, and AI-ready assets while reducing storage costs and AI investments.

Unlike storage platforms or AI data platforms, CAEVES keeps enterprise data continuously accessible for people, search, and AI, with existing security and governance preserved.

FOUR OUTCOMES, ONE SOLUTION



01 Accessible & Searchable

Keep enterprise data instantly accessible and easy to find.

02 AI-ready for Microsoft Copilot

Turn enterprise data into trusted knowledge for Microsoft 365 Copilot and Copilot Studio

03 Secure & Governed

Bring enterprise data to AI without compromising security.

04 Cost-Efficient & Sustainable

Lower storage costs and environmental impact without sacrificing accessibility.

01

Accessible & Searchable

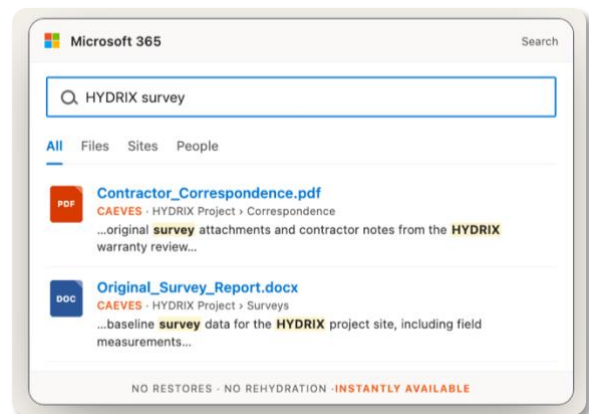
Keep enterprise data instantly accessible and easy to find. Search across decades of information using familiar interfaces, including Microsoft 365 Search - without restores, rehydration, or losing visibility.

DECADES OF ENTERPRISE KNOWLEDGE STAY USABLE

Most organizations do not have a data retention problem. They have a data retrieval problem. Historical project files, engineering records, and correspondence remain on the books as an asset, yet the people who need them cannot find them without a restore request, a ticket, or a week of waiting.

CAEVES keeps every file live and discoverable through the interfaces employees already use, including SMB and NFS file shares and Microsoft 365 Search, at every storage tier.

Original UNC paths and folder structures are preserved, so nothing about the way teams work, has to change.



The business outcome is recovered institutional memory: answers to audits, claims, and repeat engineering work come from the record itself rather than from whoever happens to remember the project.

02

AI-ready for Microsoft Copilot

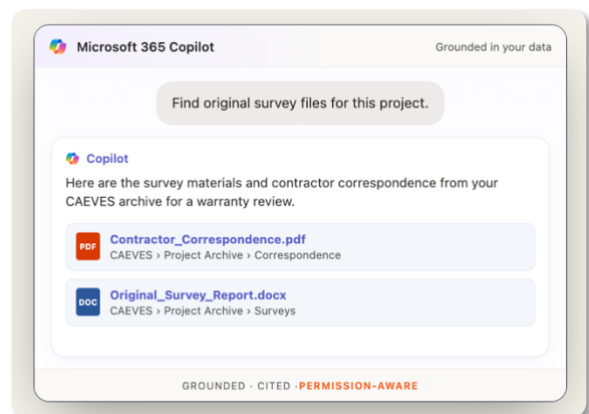
Turn enterprise data into trusted knowledge for Microsoft 365 Copilot and Copilot Studio. Permission-aware indexing delivers grounded AI responses without duplicating data or building complex RAG pipelines.

YOUR HISTORY BECOMES TRUSTED CONTEXT FOR COPILOT, WITH NO AI INFRASTRUCTURE TO BUILD

AI initiatives stall at the archive. Models can reason only over what they can reach, and most enterprise content sits outside the reach of Microsoft 365 Copilot.

The CAEVES Copilot Connector™ indexes stored content into Microsoft Graph in place, with inherited permissions intact, which makes decades of private data available to Microsoft 365 Copilot and to purpose-built Copilot Studio agents.

No vector database to run, no embedding pipeline to maintain, and no second copy of the data to secure and pay for.



Every response cites the source document, so answers can be verified and defended.

The business outcome is a shorter path to measurable AI value, delivered on the Microsoft 365 licenses the organization already owns.

03

Secure & Governed

Bring enterprise data to AI without compromising security. Preserve existing NTFS permissions and Entra ID identities with item-level access control, ensuring only authorized information is surfaced – all within your own environment.

BRING DATA TO AI WITHOUT EXPANDING THE RISK SURFACE

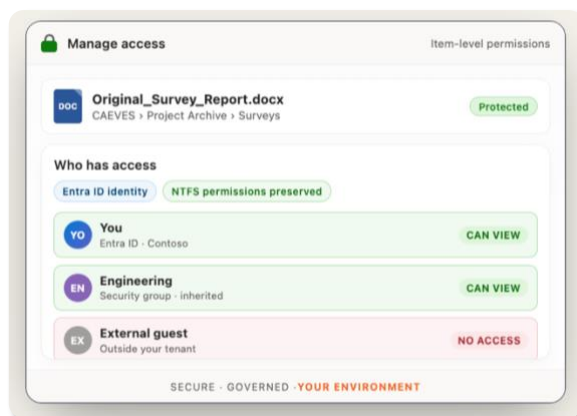
The fastest way to stall an AI program is to make the security and legal teams the ones who own the risk of it.

CAEVES avoids that by never moving the problem outside the customer's control. The platform deploys entirely inside the customer's own Microsoft Azure subscription, in the customer-selected region, and enforces existing NTFS permissions and Microsoft Entra ID identities at the item level, from ingest through object storage into the search index.

Users and AI agents see only what they were already entitled to see. Immutability, sealed snapshots, and soft delete protect the archival record itself, so responses are

grounded in evidence that has not been altered.

The business outcome is an AI and accessibility program that clears security, compliance, and data residency review rather than waiting on it.



04

Cost-Efficient & Sustainable

Lower storage costs and environmental impact without sacrificing accessibility. Automatically tier inactive data to durable, lowest-cost object storage, reducing costs by up to 70% with no vendor lock-in.

PAY FOR STORAGE ACCORDING TO HOW DATA IS ACTUALLY USED

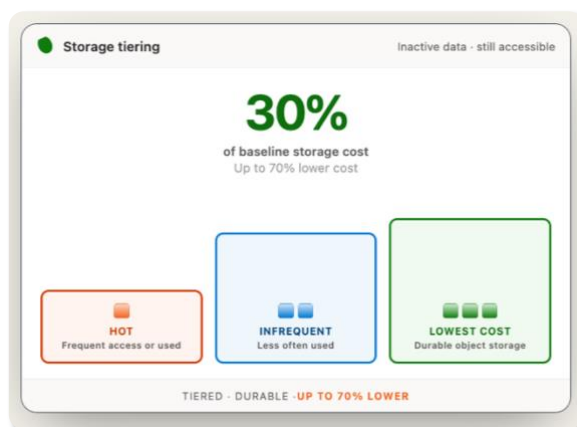
Unstructured data grows faster than the budget that carries it, and most organizations are paying primary storage prices for content that has not been touched in years.

CAEVES applies automated lifecycle policies that place every file in the tier its activity justifies, from hot through archive, without administrative effort and without taking the data offline to users, search, or Copilot.

Because CAEVES connects file system to object storage, to AI services, interfacing with standard Azure Blob objects while presenting a real-time

file system and open metadata catalog, the data remains readable with native Azure tools, so the savings do not come at the price of a proprietary backend.

The business outcome is an enterprise-grade solution that scales with value rather than volume, and a smaller physical and environmental footprint as workloads leave the datacenter.



THE SOLUTION | OVERVIEW & USE CASES

CAEVES addresses three connected priorities that most enterprises are currently funding as separate programs and initiatives, spanning from IT decisions to line-of-business users that need access to data to gather business insights.

Modernizing IT infrastructure means consolidating file servers and NAS estates, retiring legacy archive platforms, reclaiming premium primary storage capacity, and executing a datacenter exit without asking a single user to change how they work: the last legacy platform leaves and the data stays online.

Data protection and visibility means long term retention that behaves as a recovery surface rather than an attack surface, with immutable, snapshot protected, permission aware storage that keeps every file discoverable for as long as the organization is required to hold it.

Private data AI with Microsoft Copilot means grounding answers in the organization's own governed data estate, cited to the source document and visible only to those already entitled to see it, with no data duplication, no RAG infrastructure to build, and no AI spend beyond the Microsoft licenses already owned. Delivered together, these turn a cost avoidance project into an accessibility and AI readiness program.



THE SOLUTION | INDUSTRY USE CASES

Every industry writes its history into files, and in most organizations that history has become unreachable. The cost is measurable: McKinsey finds employees lose 9.3 hours a week searching for information that already exists, Gartner expects 60 percent of AI projects to be abandoned for want of AI-ready data, and Autodesk and FMI put the annual cost of bad and inaccessible data in global construction at \$1.85 trillion.

CAEVES is built for the sectors where files outlive the systems that created them.

- **Architecture, Engineering, and Construction;** closed projects stay online at archive economics because rebidding, warranty claims, and design reuse all depend on them.
- **Manufacturing and Design;** plant level file estates consolidate into a single governed namespace spanning warranty and regulatory lifecycles measured in decades.
- **Energy and Subsurface;** petabyte scale seismic, well log, and inspection archives sit in durable object storage with regional data residency.
- **Accounting, Financial Services and Legal Services;** engagement files, workpapers, and closed matters remain immutable, item level permission controlled, and instantly searchable under statutory retention and discovery obligations.

THE PLATFORM | OVERVIEW

CAEVES combines the economics of cloud object storage, the usability of modern file systems, and the requirements of AI-ready data access into a single platform that operates within the customer's own Microsoft Azure tenant.



CAEVES Intelligent Deep Storage™ and the Copilot Connector™ ensure that discovery and AI-driven reasoning provides end-to-end security and authorization.

As a result, data flows seamlessly from file system to object storage to search and AI, without duplicating repositories or introducing separate archive workflows.

THE PLATFORM | TWO PHASES. ONE DATA FOUNDATION

CAEVES

01 Intelligent Deep Storage™

CAEVES Intelligent Deep Storage™ delivers a high-performance software-defined storage platform, allowing organizations to reduce storage and data management TCO through data caching, tiering, and lifecycle management policies, while preserving multiprotocol file access, continuous accessibility, security, and data governance.

KEY FEATURES

- Multiprotocol File Access (SMB/NFS) providing real-time data access
- Caching & Data Tiering from Premium SSD to Azure Object Storage
- Automatic Data Tiering to Hot, Cool, Cold and Archive blob access tiers
- Public, Hybrid & Edge Cloud Deployment

02 Copilot Connector™

The CAEVES Copilot Connector™ indexes Intelligent Deep Storage™ stored data and brings AI to your private data sets, securely within your own (hybrid) cloud environment.

Get instant, traceable answers from your historical data using Microsoft 365 Search & Copilot, Teams, or other Microsoft applications, always referencing to the source origin files.

KEY FEATURES

- Copilot Connector™ securely indexes your privately managed data to M365
- Create role-specific agents, integrate with Copilot or Copilot Studio
- Multilayer Security model with Active Directory and Entra ID federation



" By moving our data to CAEVES, we saved over \$1.4M on storage and archive costs, without compromising security or access.

Being able to have real conversations with our historical data changed how we work. It helps the business learn from its own past. "

CIO | Global Engineering Firm



100%

Data stays
Copilot-accessible

\$0

AI Infrastructure
Investment

70%

Cost Optimization

Get started in the Microsoft Marketplace at <https://www.caeves.com/signup>

For more information, check <https://www.caeves.com>

Disclaimer

© 2026 CAEVES Technology, Inc. All rights reserved. CAEVES, the CAEVES logo, CAEVES Intelligent Deep Storage™ and CAEVES Copilot Connector™ are trademarks or registered trademarks of CAEVES Technology, Inc. All other trademarks are the property of their respective owners.

This document is provided for informational purposes only and reflects CAEVES Technology's current product capabilities and direction as of the date of publication. Features, functionality, and roadmap items are subject to change without notice. Nothing in this document constitutes a binding commitment, warranty, or guarantee of performance. Deployment results, cost savings, and performance outcomes may vary depending on configuration, environment, and usage.

CAEVES Technology, Inc. assumes no responsibility for errors or omissions in this document.

