



# CTERA InsightAI

Ask CTERA InsightAI

What team is consuming the most storage?

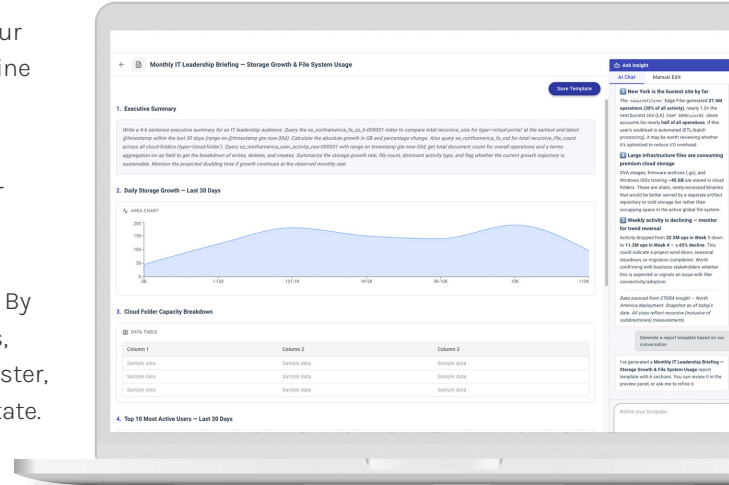
## Agentic Intelligence for Unstructured Data Management

Move from passive monitoring to proactive, AI-driven management of your unstructured data. CTERA InsightAI is an analytics and visualization engine that leverages agentic AI to provide centralized oversight into the CTERA Intelligent Data Platform.

It transforms the complexity of raw audit logs, filesystem metadata, user activity patterns, and operational statistics from your data environment to provide clarity. This minimizes reactive, time-consuming tasks like forensic investigations, storage optimization, and compliance reporting. By answering natural language questions with distilled intelligence, reports, and recommendations, CTERA InsightAI empowers your team to make faster, more confident decisions about your entire unstructured CTERA data estate.

## Address Key IT Challenges and Drive New Efficiencies

- ✔ **Security and Threat Investigation:** Perform AI-driven analysis of audit logs and file system activity to identify suspicious behaviors, and execute deeper investigations in the file system. Pinpoint the precise files and users affected to investigate faster, accelerate targeted recovery operations, and reconstruct events for security and forensic investigations. Users can also easily create an executive-ready report of an incident.
- ✔ **Compliance and Governance:** Simplify regulatory compliance and support governance requirements for frameworks such as GDPR, HIPAA, and SOX. CTERA InsightAI provides comprehensive audit logging and immutable record preservation, with customizable, agent-generated reports to satisfy auditors.
- ✔ **Storage Cost Optimization:** Gain AI-powered visibility into storage growth, stale data, and usage trends. Ask direct questions, to identify cold data for archiving and tiering, and use that information to slow storage expansion and improve forecasting accuracy.
- ✔ **Chargeback and Consumption Analytics:** Enable detailed visibility into business-unit storage consumption and usage patterns. This supports accurate chargeback and showback models, leading to improved financial accountability and more effective resource planning across the organization.
- ✔ **Operational Efficiency:** Combine automated reporting, proactive recommendations, and the “Ask CTERA InsightAI” natural language assistant to accelerate decision-making. Help your IT team quickly investigate issues, understand what is happening across the storage environment, and move from reactive problem-solving to proactive management.



**ctera** Insight

How can we help you today?

Create a report on what data in my environment is stale and eligible for archiving.

↻ Actions    💡 Prompts

### Stale Data & Archiving Eligibility Report

**Executive Summary**

Your environment contains ~1.77 million files across 66 cloud folders totaling approximately 471 GB of storage. A significant portion of this data is stale and eligible for archiving, representing a meaningful opportunity to optimize storage costs and improve performance.

Category	Files	Storage	% of Total Storage
Active (< 6 months old)	1,717,383	93.4 GB	19.8%
Aging (6–12 months)	6,650	138.0 GB	29.3%
Stale (1–2 years)	20,929	123.3 GB	26.2%
Very Stale (2–3 years)	10,954	67.3 GB	14.3%
Old (3–5 years)	6,385	14.7 GB	3.1%
Ancient (5+ years)	5,410	2.3 GB	0.5%

**Key Finding:** 43,678 files (207.7 GB) haven't been modified in over 1 year — that's 44% of your total storage consumed by stale data. Of those, 22,749 files (84.3 GB) are over 2 years old.

## Key Features

### ✓ Security and Threat Investigation

- AI-powered, searchable audit trail for security and forensic investigation
- Natural language interface for rapid incident analysis
- Centralized, drill-down dashboards for activity by user, filer, and share
- Detection of unusual activity (e.g., mass deletions, sensitive data access)

### ✓ Compliance and Governance

- Customizable, on-demand, and scheduled reporting for audits
- Comprehensive audit trail to satisfy GDPR, HIPAA, SOX, and other regulations
- Granular, permissions-based visibility to support ACL investigations
- Tamper-proof logs for all file and system events

### ✓ Chargeback and Consumption Analytics

- Secure, GUI-based billing for departmental chargeback and showback
- Detailed reporting on storage consumption by business unit, location, or user

### ✓ Storage Cost Optimization

- Built in reports you can automatically create, schedule, and distribute for data lifecycle and consumption patterns
- Detailed analysis of storage growth, stale data, and usage trends
- Proactive recommendations for data tiering and cleanup policies

### ✓ Operational Efficiency

- Ask natural language questions for quick, easy access to data and reports
- Automated insights that surface critical system trends and potential issues
- Historical trend analysis for accurate, proactive capacity planning
- API access to all data for integration with external systems such as Security Information and Event Management (SIEM), Extended Detection Response (XDR), Data Access Governance (DAG), Data Loss Prevention (DLP), and Discretionary Access Control (DAC) tools

## How It Works: Example Use Cases



### Security Investigation

“Who deleted these files?”



### Operational Oversight

“What happened on this share yesterday?”



### System Analysis

“Which users are most active?”



### Cost Optimization

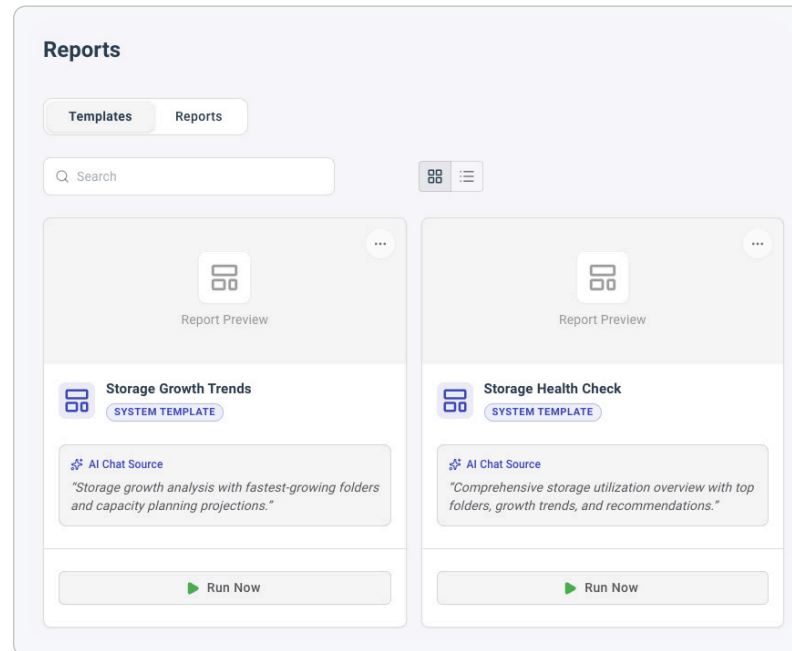
“Show me all files over 50GB that haven't been accessed in two years.”

## Deployment Options

CTERA InsightAI can be deployed as a CTERA-hosted SaaS offering, within a managed customer VPC on Azure or AWS, or fully deployed within customer-controlled private cloud environments, including AWS GovCloud and Azure Government.

Pre-Requisites:

- ✓ CTERA Edge Filers version 7.8.x or higher,
- ✓ Portal version 8.3.3300.40 or 8.3.3000.44 or higher,
- ✓ Active Messaging service in the Portal, and
- ✓ Audit logs collection from any CTERA Edge Filer.



### AVAILABILITY

CTERA InsightAI is available as a licensed add-on Enterprise Data Service for the CTERA Intelligent Data Platform.

See how CTERA InsightAI can give your team rapid visibility to investigate security or compliance issues and identify optimization opportunities.

[REQUEST A DEMO TODAY](#)