

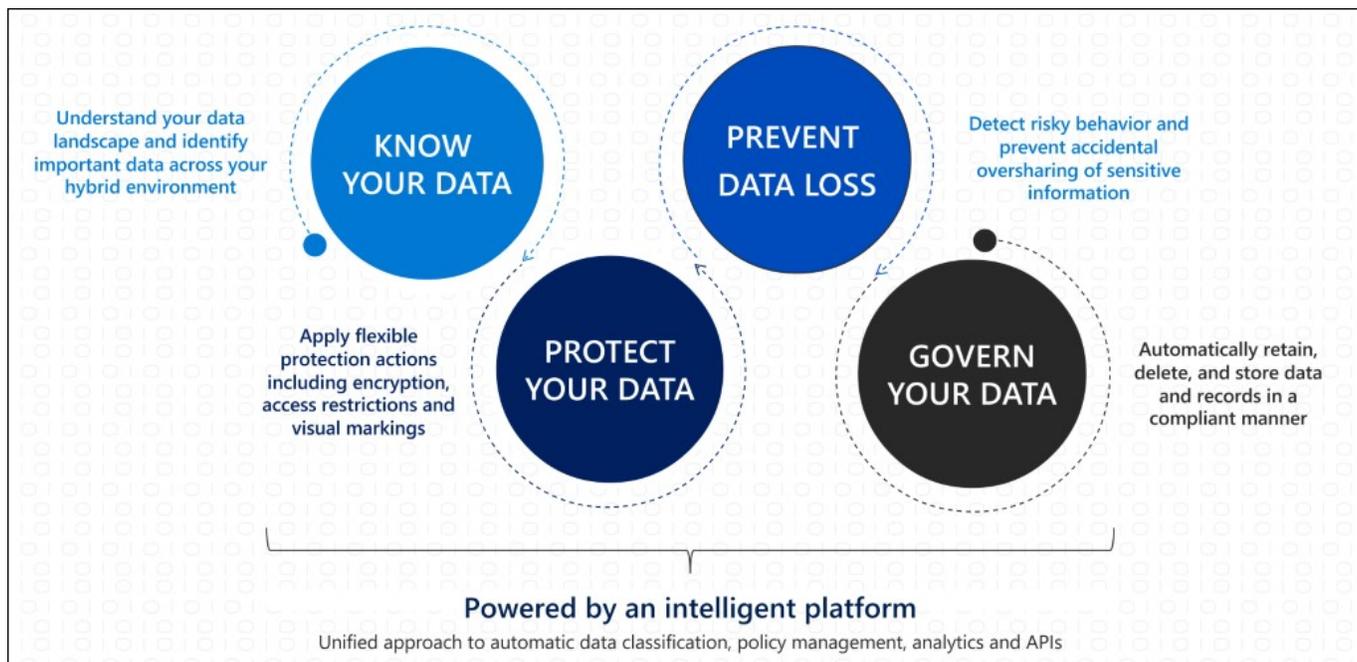
CTERA White Paper

# Integrating Microsoft Purview Information Protection with CTERA Solutions



## What is Microsoft Purview Information Protection

Microsoft Purview Information Protection, formerly known as Azure Information Protection (AIP), is a Microsoft DLP (Data Loss Prevention) solution that helps you discover, classify, and protect your data wherever it is stored or shared.



Information Protection gives you the ability to certify and categorize your data, based on its content, identifying sensitive information such as credit card, social security, and bank account numbers. Based on this information, rules can be defined to give organizations control over what and how a user can share data.

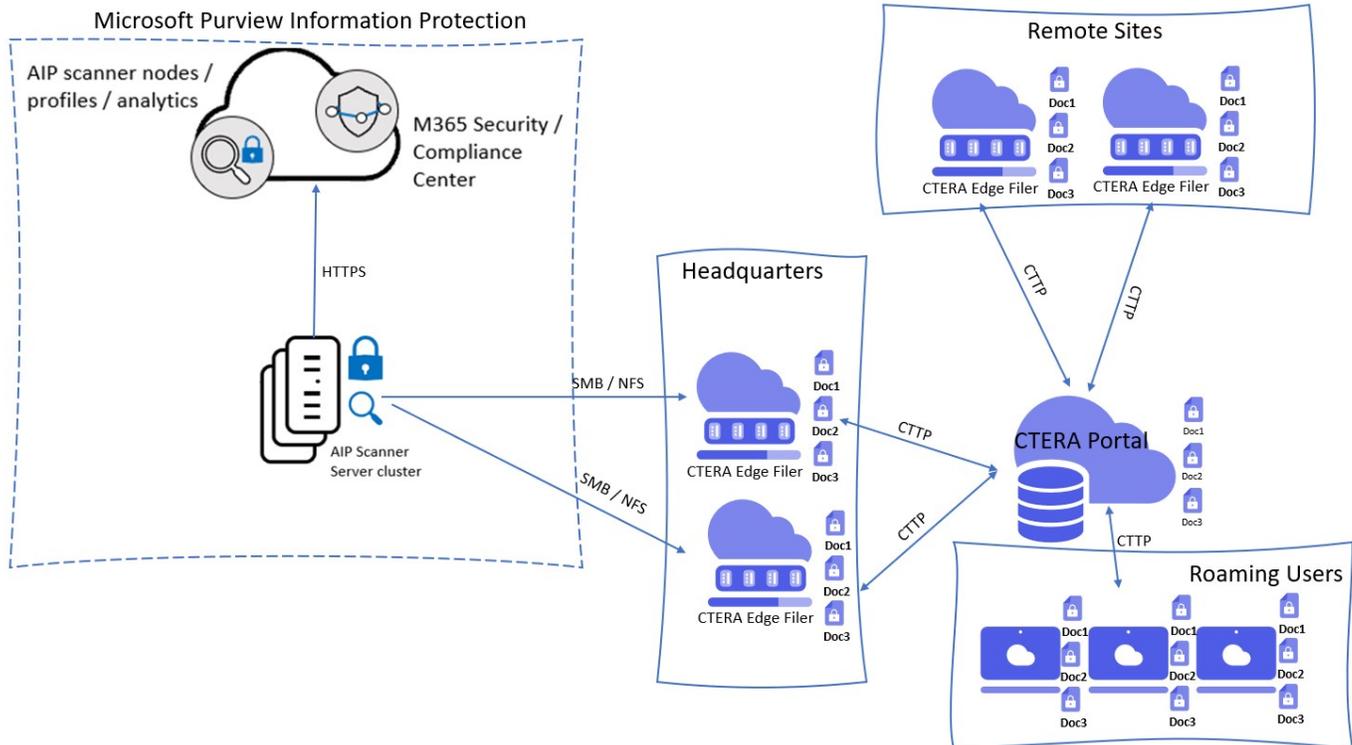
## Why it is important

Data loss is devastating for an organization, and is one of the most critical situations that can happen to a company: External threats are not the only cause of data loss which can also occur from inside the organization.

According to IBM and Ponemon Institute's [latest data breach report](#), the cost of a data breach increased by 10% from 2020, reaching a global average of \$4.24M.

## Solution Design

Using the CTERA solution with Microsoft Purview Information Protection will enhance your security while still providing you the capability to globally store, access, and share your data securely.



This joint solution, composed of CTERA Edge Filers, CTERA Portal, and CTERA Agents/CTERA Mobile, combined with Microsoft Purview Information Protection, will enforce your data governance and protection across all end-user access points.

Microsoft policies and labels will be enforced on your documents and synchronized on all CTERA components.

**CTERA Edge Filers**, the file storage solution, will store your protected documents and secure them within the CTERA Portal, using our optimized, secure, proprietary data transfer protocol (CTPP).

**CTERA Portal**, the centralized management platform also acting as Global File System, will synchronize your protected documents across all CTERA components (Edge Filers, Agents, Mobile App), ensuring a unique and consistent user experience whether the documents are accessed within or outside your organization.



**CTERA Agents/CTERA Mobile**, the WFH and remote components that provide secure access to your documents.

**Together, these component comprise the CTERA Global File System** which will allow you to synchronize your data across all your sites, headquarters, remote offices, or WFH by ensuring your documents are always protected by Microsoft Compliance center policies.

## How to Implement Microsoft Purview Information Protection (MIP)

There are two phases for implementing Microsoft Purview Information Protection:

- **On existing data:** The Microsoft AIP Scanner will provide the ability to scan existing SMB / NFS Shares and apply MIP policies and labels on existing documents. CTERA supports this approach by configuring CTERA Edge Filers as SMB / NFS targets.
- **On newly generated data:** New documents created by users are also required to be secured and governed with policies and labels. M365 Security & Compliance Center enforces policies and labels on newly generated documents. Saving those documents in the CTERA Platform will ensure that data remains secured and under control across all devices.

**To learn more details and best practices on implementing Microsoft Purview Information Protection with CTERA, please contact us at [support@ctera.com](mailto:support@ctera.com).**

## Are you using another DLP solution?

If you are using an alternative DLP solution within your organization, please contact us at [support@ctera.com](mailto:support@ctera.com) to see how we can support it.