



The Mezeo™ Cloud Storage Platform for the Enterprise

Realize the Benefits of Cloud Storage with a Secure Private Storage Cloud

BUSINESS BENEFITS

- **Reduces costs** – provide a single solution for end user incremental storage, file sharing and backup using existing IT infrastructure.
- **Addresses security and compliance needs** – offer a fully encrypted private cloud with access controls.
- **Improves end user satisfaction** – quickly deploy and provision unlimited amounts of storage.
- **Improves efficiency** – enable advanced services such as secure sharing and collaboration.
- **Provides ubiquitous access** – access anytime/anywhere using Web, desktop or smartphone.
- **Automates business continuity** – use auto-synchronization and geo-location/ geo-replication to enable disaster recovery.



The Mezeo Cloud Storage Platform is a deployable solution that enables Enterprises to quickly implement a secure private storage cloud.

Enterprises are looking for affordable alternatives to address the continuous growth of storage needs without compromising data security and availability. While public cloud storage remains an economically viable option, compliance mandates and security concerns may require that data be stored using private cloud storage within the firewall.

Mezeo Software enables enterprises to leverage their existing infrastructure to deploy a secure private cloud while realizing the economies of cloud storage. Organizations can reduce costs with a single solution for tier 2 and 3 storage, file sharing and backup. To address security and compliance, Mezeo offers end-to-end encryption, access controls and URLs for sharing with external parties.

The Mezeo Cloud Storage Platform is an easily deployed and highly scalable cloud-based storage solution. A Mezeo-enabled cloud allows quick provisioning of virtually unlimited amounts of storage. Mezeo APIs enable advanced services, programmatic access and anywhere/anytime access using a native Windows client or WebDAV access (Windows®, Mac and Linux), a Web 2.0 client, and native applications for BlackBerry® and iPhone smartphones.

Some of the typical use cases for a Mezeo-enabled cloud storage service include:

- **Ubiquitous access using files:** provide anytime/anywhere access via Mezeo Web, Desktop and smartphone clients.
- **Backend for backup and archive solutions:** leverage Mezeo-enabled low cost cloud storage to meet Tier 2 and 3 storage needs for backup and archiving.
- **Easy integration with cloud gateway solutions:** enable multi-cloud usage and special use cases using Mezeo-ready Cloud Gateway solutions.
- **Secure file sharing and collaboration:** provide a secure collaborative environment with full user access controls.
- **Programmable cloud storage with REST APIs:** easily integrate existing applications and offer advanced services.
- **Eliminate costly infrastructure:** replace file servers.
- **Manage large files:** manage media files, virtual images.
- **Disaster Recovery:** enable geo-location and geo-replication.

Mezeo Software

3900 Essex Lane
Suite 500
Houston, Texas
USA

P: +1 713.244.0870

F: +1 713.244.0851



SECURITY

Encryption	<ul style="list-style-type: none">▪ By default, provides 256-Bit AES encryption of data at rest and 128-bit SSL encryption of data in transfer.
Provisioning and Authentication	<ul style="list-style-type: none">▪ Offers policy-based automated provisioning leveraging LDAP attributes.▪ Exposes Service Provisioning Markup Language (SPML) APIs to manage and allocate users.▪ Leverages existing authentication systems via integration with PAM (Pluggable Authentication Module).
Compliance & Governance	<ul style="list-style-type: none">▪ Supports compliance requirements by providing secure access, both from administrative and user perspectives, as well as detailed logging facilities for auditing purposes.▪ Reduces risk by separately maintaining administrative and user authentication.▪ Provides a detailed log of each transaction for auditing purposes.
High Availability/ Disaster Recovery	<ul style="list-style-type: none">▪ Provides High Availability with built-in failover settings so that server failure does not impact the availability or integrity of data.▪ Enables data recovery at the account level using a patented recycle container.▪ Enables business continuity and disaster recover via geo-location and geo-replication policies.
Account Segmentation	<ul style="list-style-type: none">▪ Segments each account within the storage volume assigned (no co-mingling of objects).
Access Control	<ul style="list-style-type: none">▪ Requires credentials for each transaction, and enforces access controls at an object level.▪ Allows owner-defined read, write, update and delete user rights at the project level.▪ Allows for an access expiration date at the account level.

REST WEB SERVICES API ADVANCED FEATURES

Presentation Views	<ul style="list-style-type: none">▪ Exposes the stored objects in a single, flat namespace. Allows for flat object-based view, hierarchical view, tag-based view (or a combination) of data.
Geo-Replication	<ul style="list-style-type: none">▪ Secures data in multiple locations for disaster recovery planning scenarios.▪ Improves access latency for distributed workforces by locating data nearer to end users.
Geo-Location	<ul style="list-style-type: none">▪ Stores data in specific locations to satisfy geo-political or privacy concerns and comply with regulations.▪ Improves access latency for centralized workforces by placing data where end users reside.

REST WEB SERVICES API ADVANCED FEATURES

- File Recovery**
- Patented online recycle container allows the recovery of files that have been accidentally deleted.

SERVICE ORIENTED ARCHITECTURE

- Provisioning**
- Provides persistent storage independent from the compute server provisioning, although it can be provisioned in conjunction with compute servers.
 - Allows organizations to quickly provision virtually unlimited amounts of storage.

- Multi-tenancy**
- Hosts operating entities and/or partners using multi-tenant architecture.
 - Allows for branding of Mezeo access clients for each operating entity.

- Scalability**
- Provides for up to 64 billion objects in a single instance.
 - Offers significant flexibility for objects of all sizes based on file system and storage hardware.
 - Enables Web scale through a stateless, horizontally scalable architecture.

- Performance**
- Allows for optimization of performance through configurations based on planned use cases.
 - Offers near line speed transfer rates.

- Compatibility**
- Leverages existing Linux mountable storage infrastructure with a shared file system.

DATA ACCESS AND INTEGRATION

- LDAP Integration**
- LDAP (Lightweight Directory Access Protocol) integration enables sharing with established “groups” or users as defined in LDAP.

- Enable Multiple Cloud Gateways**
- Mezeo REST APIs enable programmable integration cloud gateway solutions such as backup, archiving, integrations with SharePoint®, etc.

- Web Access**
- White label Web client provides flexible access to Mezeo-based cloud storage from any internet enabled PC.
 - Easy drag and drop tool quickly uploads multiple files.
 - WebDAV access enables users to work across Windows, Mac, and Linux OS platforms to store, share and access their digital files from anywhere they have an internet connection.

DATA ACCESS AND INTEGRATION

iPhone and BlackBerry Access

- White label clients support access via iPhone or BlackBerry smartphones.
- Native viewer application allows users to download files.
- Mobile client application lock allows a user lockout access to files when they are away from their device without logging out or losing their place.
- Smartphone clients provide access to entire library of files without worrying about device damage or loss.

Windows Native Access

- Familiar user interface appears like a network drive in Windows Explorer.
- Allows dragging and dropping of folders and files, and opening and saving of files to the cloud.
- Restores or saves files directly from a Windows application.
- Enables “one-click” creation of a URL for sharing.
- Supports XP, Vista, Windows 7.

File Synchronization

- The Mezeo Sync Application keeps files in sync with local storage on a PC and cloud storage.
- Simple “set it and forget it” interface runs in the background while user works.
- Allows user to specify which folders to synchronize.

Common Sign On

- Common sign on capability leverages existing sign on credentials to simplify the sign on process.

REST API Access

- Mezeo REST Web Services APIs enable programmatic access to storage and are language independent.
- Stateless nature of REST APIs allows interactions via a network to occur with a minimum of overhead.
- REST APIs accommodate caching at both the client and the server, which can dramatically improve efficiency.
- Enhanced Resources provide access to Contacts, Containers, Contents, Files, Projects, Shares, Tags.
- Developer toolkit provides Mezeo API documentation and additional resources (visit the Mezeo Developer Network site at developer.mezeo.com).

To learn more about the Mezeo Cloud Storage Platform, visit www.mezeo.com or call +1.713.244.0850.

Mezeo Software

Mezeo is the industry’s leading provider of a deployable platform for cloud storage. Service-enabled, the Mezeo platform is easy to deploy, multi-tenant, highly scalable and secure, with REST Web Services APIs for platform extensibility. With Mezeo, IT Service Providers can rapidly monetize Storage as a Service with a branded offering, and large enterprises can implement a secure, private cloud with clients for BlackBerry,® iPhone, Windows desktop and the Web. For more information, visit www.mezeo.com. © 2010 Mezeo Software. All rights reserved. ENT001