

ownCloud Enterprise Subscription

Universal File Access to Data Where It Lives

Whether looking to view SharePoint files on your iPad, connect employees, partners and customers, or just find a compliant way to control file sharing, ownCloud is designed to meet the needs of today's mobile and collaborative workforce while allowing IT to control and manage file access.

Organizations that must share sensitive data internally and externally rely on the on-premises universal file access platform from ownCloud. ownCloud delivers the visibility, control and integration into complex, secure and compliant environments that IT needs while providing users the frictionless access to all of their files from any device. This is made possible through ownCloud's open, modular architecture, extreme extensibility and unique federated cloud sharing capabilities.

Over 8 million users have turned to ownCloud as the preferred on-premises file sharing solution for their critical data.

A Single Point of Access for the Enterprise

ownCloud provides Universal File Access through a common file access layer regardless of where the data lives - in applications, object stores, on-premise storage or in the cloud. Data is left where it is while IT manages access to proprietary information and associated business risk, and leverages existing data management, security and governance tools and processes. Whether in SharePoint, on a Windows network drive or in cloud storage, users have a single

interface from which they can access, sync and share files on any device, anytime, from anywhere – all completely managed, secured and controlled by IT.

- **Access** – Enable anywhere, anytime access from any device, regardless of where the data lives. Behind the scenes, IT can leverage existing data management, security and governance tools and processes without replication of directories, ACLs or data.
- **Control** – IT chooses the servers onto which ownCloud is installed and controls where all files are stored, leveraging storage across on-site storage devices, and private/hybrid cloud storage services. The wizard enables IT admins to quickly

The ownCloud Solution: Enterprise File Management & Control

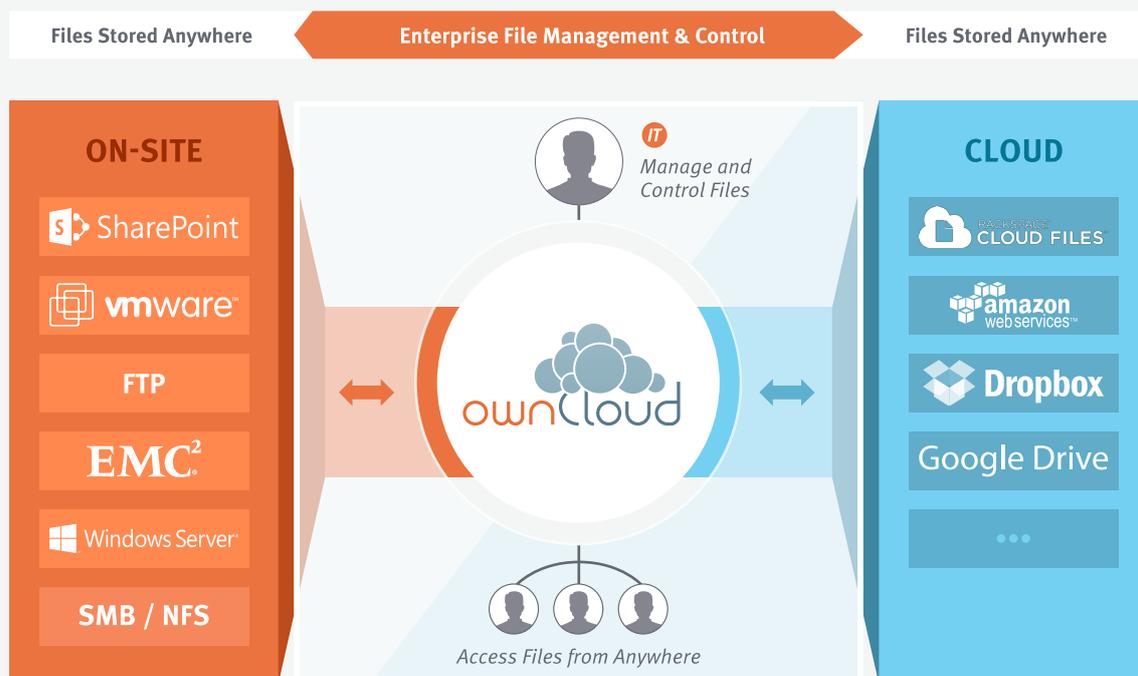


Figure 1: ownCloud gives organizations the ability to access, control and manage files across corporate data silos while providing users access from any device, at any time.

integrate ownCloud with existing Active Directory or LDAP services and ownCloud's File Firewall and retention capabilities provide advanced rules-driven access controls at the file level.

- **Management** – ownCloud integrates quickly and easily with existing authentication, authorization, logging, monitoring, database and back-up systems. In addition, ownCloud's open architecture, mobile libraries and APIs allow IT to rapidly extend core functionality and enhance the solution to meet special user needs.

ownCloud, Inc. offers the Enterprise Edition which includes the popular open source ownCloud Server plus enterprise apps. Enterprise Edition is certified and documented across a broad set of platforms. Performance tuning, architecture blueprints and documented examples are included, as are the iOS and Android mobile apps – all of which may be customized to reinforce your brand. End-user and administrator productivity, integration APIs and advanced content control lead an extensive suite of Features available only in ownCloud Enterprise Edition:

- **SharePoint** – Configure ownCloud to connect to one or more SharePoint libraries while preserving existing Access Control Lists (ACLs). Files are synced in both directions with SharePoint remaining the system of record, translating ownCloud commands into SharePoint commands and enabling mobile, web and sync client access.
- **Windows Network Drive** – Integrate one, or multiple network drives within a single ownCloud instance. Whether mounting home directories or departmental share drives, the integration is configured in the ownCloud administration interface as well as the requisite authentication mechanisms. Once integrated, ownCloud treats the Windows network drives as external storage locations, allowing users to access, sync and share files stored on the Windows network drive(s) through all their devices.
- **External Storage** – Leverage storage that already exists; FTP, Swift, S3, Ceph, Dropbox and more. Administrators can

decide to store the most sensitive data on-premises and less sensitive data in the cloud while making all of your files available through a single interface and enabling compliance with your chosen security and governance policies.

- **Flexible API** – Easily build ownCloud extensions and customizations with ownCloud's internal server Application API and extensible architecture which includes two integration APIs and mobile libraries.
- **Security & Encryption** – ownCloud protects data in transit, while ownCloud's encryption protects data at rest. Implemented using proven, broadly adopted technologies like OpenSSL and standards such as AES-256, the owncloud architecture can be easily extended to support other advanced security requirements. ownCloud's encryption model is highly scalable and allows administrators to maintain complete control over their encryption keys. Files are scanned at upload to detect potential threats, or admins can integrate supplemental antivirus solutions.
- **Authentication** – Users are added to ownCloud through LDAP/AD integration, the Provisioning API or through the User Management interface. Configure attributes such as group memberships, quota limits, display names and group admin rights. Drop ownCloud into your existing infrastructure and authenticate with your chosen identity provider, whether on-premises or in the cloud. SAML via Shibboleth allows Single Sign On (SSO) across the organization and the globe, providing secure authentication within the ownCloud server, and across the desktop clients and mobile apps. In addition, ownCloud integrates with OAuth, 2-factor mechanisms, custom authentication mechanisms and more.

Regardless of where your data is stored, ownCloud can provide the access, management and control demanded by enterprise IT.

- **File Firewall** – Control and govern access to files with ownCloud's highly configurable rules engine. Administrators use the intuitive GUI to set policies on the

ownCloud server that deny access to files based on: end point type, mobile device type, origin IP, web client, file tag, and more, giving administrators greater control over who can access and update proprietary files.

- **Logging** – Transparently log access, administrative actions, sharing activities and file transfers. ownCloud log files can be easily configured to work with your internal log monitoring and or SIEM solution, providing the visibility you need to prove internal and external policy compliance.
- **Tags** – Attach tags to files and folders, providing new metadata information about file and folder contents – the tag can be long enough to support a short word or phrase. Tag types include:
 - **User Tags** – publicly visible tags that anyone with access to the file can see, which (depending on admin settings) are static or can be assigned, read and changed in the web interface
 - **System Tags** – system visible tags that only ownCloud admins and ownCloud can programmatically see and assign.
 - **Auto Tagging** – Tags can be assigned by a basic rules engine in the ownCloud admin panel with a feature called auto-tagging. This creates basic rules that can set tags and delete files based on tags. Rules are set on the admin page where specific tag types and tag names are defined, and the rules to apply tags are defined. This same admin page allows an admin to determine based on tags when to permanently delete a file.

Tags can be used to configure File Firewall rules as well as determine the retention or deletion of files.

- **Retention** – Meet retention requirements when you configure rules in the Workflow app which allow you to retain or delete files based on parameters you define. All file activities are logged and prove compliance with internal or regulatory requirements.

- **Files Drop** – Provide outside users with a URL to a write-only folder in your ownCloud. Users drag and drop files into this folder without the need to create an account or allow access to additional files.
- **Federated Cloud Sharing** – Collaborate with users on other ownCloud installations while each server maintains its respective security and governance protocols. Users can access the latest file versions and selectively sync the most critical shared files. Further, when sharing with users on other ownCloud instances, their names will appear as an option for sharing if they have been configured as a trusted server.

For greater detail on the features included in ownCloud Enterprise Edition, visit owncloud.com/features

Enterprise Subscriptions

ownCloud Enterprise Edition is sold as part of the Enterprise Subscription, an annual subscription with pricing that starts with 50 users. With enterprise-only features and support packages that are detailed to fit your needs, you also gain access to feature development and branding to truly customize your ownCloud.

Enterprise Subscriptions include the entire solution; server, desktop clients and mobile applications as well as:

- **Enterprise-class support** – phone and email support, patches, upgrades, migration assistance and a strong service-level agreement (SLA) is included with every Enterprise subscription; available 12x5 or 24x7.
- **Extensibility** – certified server, mobile and desktop software which may be branded with your logo or design, plug-in applications, add-on tools, copyright licensing, performance tuning guidelines, architecture blueprints and documented examples, as well as proprietary modules for logging and multiple integrations. Read more about the [features included in ownCloud Enterprise Edition](http://owncloud.com/features).

- **Enterprise Expertise** – access to the ownCloud team for unmatched product knowledge, troubleshooting, configuration guidance, direct input into product roadmaps, and a conduit to the ownCloud community.

Open by nature, ownCloud can be dropped into your existing infrastructure and customized to integrate with the tools you rely on most. From PoC development to the dedicated onboarding management that is included in every subscription, ownCloud is dedicated to making you successful.

And, if you get stuck or want to fast track your deployment, ownCloud has a global services team who can work with you to realize your objectives.

For additional sales or services information, please contact us at www.owncloud.com/contact.

Flexible Licensing

The ownCloud Commercial License allows you to modify code while keeping your own intellectual property secret. This, combined with the confidence that comes with an ownCloud subscription, enables you to succeed in securing your data with ownCloud.

If interested in Standard Subscription which is 8x5 support for ownCloud Community Edition, or if interested in a custom subscription, please contact us to learn more.

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Support	Community Forums (free) or \$ Standard Subscription (8x5)	\$ Enterprise Subscription (12x5) or \$ Custom Subscription (up to 24x7)
Documentation	✓	✓
Mobile Clients	\$	Included in subscription, may be branded
Desktop Clients for Windows, iOS, Linux	✓	Included in subscription, may be branded
Onboarding/Migration Assistance		Dedicated Deployment Manager
Calendar	Optional (Not Supported)	Optional (Not Supported)
Contacts	Optional (Not Supported)	Optional (Not Supported)
Photo Gallery	✓	✓
SharePoint Integration		✓
Windows Network Drive Integration		✓
Federated Cloud Sharing	✓	✓
SAML/Shibboleth Authentication		✓
Active Directory/LDAP	✓	✓
Provisioning API	✓	✓
Primary Storage	Local storage, GlusterFS/Red Hat Storage, OpenStack Swift	Local Storage, Amazon S3, Ceph S3, OpenStack Swift, GlusterFS/Red Hat Storage
Secondary Storage	FTP, Dropbox, Google Drive, sFTP, Swift, WebDAV, SMB/CIFS	S3, FTP, Dropbox, Google Drive, sFTP, Swift, WebDAV, SMB/CIFS
File Firewall		✓
Logging Module for Reporting		✓
Oracle DB Support		✓
Antivirus	✓	✓
AES-256 Encryption, Key Management	✓	✓
API	✓	✓
Files Drop		✓
Tagging	System, User	System, User and Auto-Tagging
Retention		✓
Apps from App Store	Community contributed: Music, Video, Notes + 200 more	ownCloud Apps Certified for the Enterprise

For More Information

Please visit our website at owncloud.com for more information about ownCloud, product downloads, and detailed product documentation.