



# ownCloud Enterprise Subscription

Datasheet

# ownCloud – Secure Enterprise File Sharing

— With more than 25 million users and 200,000 installations worldwide, ownCloud is the most popular open source file sync and share solution in the world. With a central frontend, users can access all storage systems in a company's distributed IT environment from anywhere, anytime and from any device, no matter where the data resides - in applications, object stores, on-premises storage or in the cloud. Secure, transparent and under the control of IT. This increases both safety and productivity. With ownCloud, users have a single interface from which they can access, sync and share files on any device, anytime, from anywhere. Users can quickly find and share the files they need whether shared by others or created themselves. With features like password protection, link expiration, anonymous and full access sharing, files are managed accordingly.

That's how secure Enterprise File Sync and Share works with ownCloud!

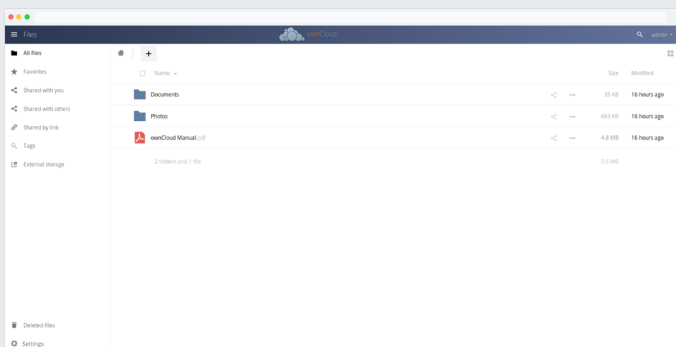
## ownCloud Enterprise Subscription – Overview

The Enterprise Subscription contains the Enterprise Edition software under a commercial licence and professional enterprise support. The Enterprise Edition software comes with enterprise only features to increase productivity and control as well as full branding capabilities. The ownCloud Commercial License allows you to modify and add code while keeping your own intellectual property secret.

The ownCloud Enterprise Subscription gives you the confidence that your ownCloud deployment is backed by the technical expertise of the team behind the product and with the advanced features you need for your organization.

### With the ownCloud Enterprise Subscription you get:

- Full product support with multi-year security and stability fixes
- Technical expertise for your solution design
- Help to scale your ownCloud installation to large amounts of storage and large numbers of users (largest installation has over 13 Mio. users)
- Security and hardening consulting for your ownCloud setup
- Influence on the roadmap of the open source project
- Access to consulting for the implementation of individual requirements/apps
- Basic support for the branding of your ownCloud
- Optional online office capabilities which can handle a wide range of industry-standard file formats
- Optional: Secure email delivery without size limitation by automatically replacing attachments with links to files or folders in ownCloud with the ownCloud Microsoft Outlook Plugin
- Optional integration into your existing Single Sign-On environment
- The optional end-to-end encryption plugin for ownCloud to further increase the security standard for data exchange and file sharing



## Professional Services

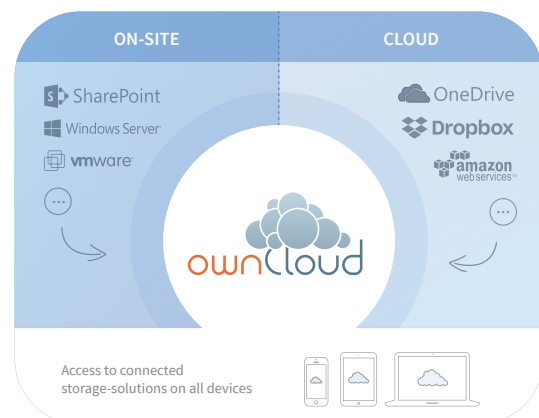
With the ownCloud Enterprise Subscription you get access to the ownCloud Professional Services team. We work closely with our clients on every project and offer technical expertise as well as strategic advices. Together with you we analyse your current situation and identify your challenges and goals and bring in our experience from our customers to help you implement a comprehensive, cost-effective and compliance-aware solution. This support will enable you to increase productivity while delivering the highest security and privacy protection possible.

Supported capabilities	
<b>File Sync and Share</b>	✓
<b>Mobile Clients (iOS/Android)</b>	✓
<b>Desktop Clients (Windows/MacOS/Linux)</b>	✓
<b>Branding</b>	✓
<b>Enterprise Features</b>	✓
<b>Auditing</b>	✓
<b>Windows Network Drive Integration</b>	✓
<b>Calendar &amp; Contacts</b>	Optional
<b>Collaborative Editing</b>	Optional
<b>Elastic Search</b>	Optional
<b>End-2-End Encryption</b>	Optional
<b>Outlook Plugin</b>	Optional
<b>oneDrive Integration</b>	Optional

Support	
<b>Support SLAs</b>	2h reaction time
<b>Email Support</b>	Up to 24/7
<b>Phone Support</b>	Up to 24/7
<b>Portal Support</b>	✓
<b>Migration Support</b>	✓
<b>Custom Apps</b>	Optional
<b>Remote Installation Support</b>	✓
<b>Branding Support</b>	Optional
<b>Cluster/HA support</b>	✓
<b>Training</b>	Optional
<b>Professional Services</b>	Optional

## ownCloud Enterprise Subscription – Details

ownCloud provides Universal File Access through a common file access layer regardless of where the data lives - in applications, object stores, on-premises 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.



## Feature Overview

### 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.

### Management

ownCloud integrates quickly and easily with existing authentication, authorization, logging, monitoring, database and back-up systems.

### Security & Encryption

To ensure compliance with the highest data protection standards, ownCloud safeguards information with proven, state-of-the-art security technologies like AES and RSA. Three layers of encryption take care that data can only be accessed by the intended parties:

- 1 Transport Encryption (HTTPS) secures data in transit**  
 ownCloud uses standard web security technologies (SSL/TLS) to secure data transmission between clients and the ownCloud Server.
- 2 Storage Encryption protects data at rest**  
 As ownCloud operates autonomously in on-premises environments, data is naturally protected from external parties. Additionally, administrators can employ Storage Encryption to safeguard data from unauthorized internal access. While working transparent to the user, the server-side encryption technology protects data on the storage. For enhanced security, ownCloud works with Hardware Security Modules (HSM) to manage encryption keys.
- 3 End-to-End Encryption protects data the whole way between users' workstations**  
 For maximum security in data exchange, ownCloud provides a user-based, client-side encryption technology. Data is encrypted before it leaves the user's workstation and can only be decrypted with the recipients' decryption keys. The encryption keys can be managed centrally or individually with the additional option of using hardware devices (e.g. HSM/Smartcard) for key storage.

### End-to-End Encryption (optional)

End-to-End Encryption for ownCloud increases the security standard for file storage and sharing. It enables users to create folders for client-side encrypted internal or external data exchange. Neither the administrator of the ownCloud Server nor third parties who have access to the infrastructure can read the data. Individual or central key management and provisioning are both available. Additionally, ownCloud offers a Key Service application which enables professional key management with the option of using USB tokens, HSM/Smartcards and other hardware devices to decrypt data.

### 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.

### 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.

### External Storage

Leverage storage that already exists; FTP, 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.

### 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.

### Outlook-Plug-In (optional)

Using epiKshare's Outlook integration you can share access to important files and directories with just a few clicks directly from Outlook.

### 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.

### 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.

### 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.

### 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.

### 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.

### 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.

### Guests

The ownCloud Guests feature allows to create ownCloud Guest accounts with very limited access rights. Simply share with external users just by entering an email address in the sharing dialog.

### Ransomware Protection

Ransomware attacks are an ever-present malware risk, both for large enterprises as well as for private users. Once affected, whole hard drives or parts of it can become encrypted leading to unrecoverable data loss that directly translates to significant effort and cost. For this exact purpose the ownCloud Ransomware Protection App protects companies by blocking uploaded files known to originate from ransomware to preserve original, unaffected files in ownCloud. Additional to that the App can automatically block user accounts where ransomware was detected and also provides smart mechanisms for the restoration of infected files.

### Password Policy

The Password Policy application enables ownCloud administrators to define password requirements like minimum characters, numbers, capital letters and more for all kinds of password endpoints like user and guest accounts or public link sharing passwords. Additional to that administrators can define an expiration date for passwords and set certain policies to avoid the reuse of passwords. To add another layer of security, the administrator can enforce expiration dates for public link shares. As soon as the expiration date is reached the share will be removed automatically.

### Desktop Client with Virtual File System

The desktop client with Virtual File System improves usability and reduces local storage requirements. Users can share files in the Explorer even if they are not stored locally. The client reflects the file and folder structure of the server, regardless of whether the data is completely available locally. If a file is needed, it can be downloaded and opened with a single click.

### Document Classification

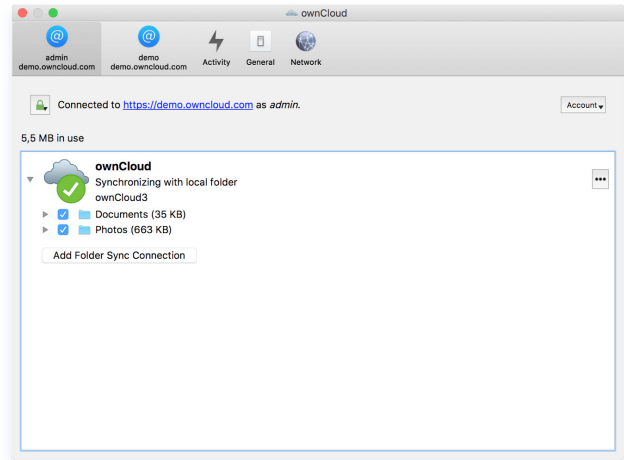
To deal with sensitive information and cover for potential data breaches, ownCloud offers the 'Document Classification' extension that enables to automatically classify documents and define policies for sharing. Documents can be labelled with certain levels of confidentiality within an Office suite. ownCloud recognizes this information by reading the document's metadata and automatically sets file tags. On the basis of this information, various guidelines can be defined for each of these security levels, e.g. that documents marked as „confidential“ may not be shared externally or that they may not be uploaded to ownCloud at all. Enterprise users can secure files using either automated tagging of documents or custom tag mechanisms defined by the administrator for organization wide use. Personal data can also be secured in compliance with GDPR, while at the same time fulfilling corporate data protection requirements.

### Collaborative Editing of Office Documents

The Integration of Collabora Online, ONLYOFFICE and Microsoft Office Online provides collaborating editing functions for text documents, spreadsheets and presentations inside ownCloud for improved productivity. Users can access their documents within the ownCloud web frontend, author new content, share their work and collaboratively work on the same document with others. Collaborators of that document are able to see changes in real time and to work with other users simultaneously. Users can work with documents on-the-go using their browsers, and are no longer troubled with version conflicts that may occur while working on independent documents. Productivity is increased while preserving full control of sensitive corporate data.

## ownCloud Desktop Client

ownCloud Desktop Client enables you to connect folders on your desktop to your corporate ownCloud Server. With it you can create folders, organize your local ownCloud directory, and keep the contents of your local directory synced with your ownCloud server. Anything shared with you will also appear in your home directory on your desktop, and changes will be automatically updated. With the ownCloud Client, the latest changes are always at your fingertips. The desktop client is available for Windows, MacOS, Linux and can be customized to fit to your corporate identity. The ownCloud Desktop Sync Client for Windows from version 2.5.0 is delivered as Windows Installer (\\*.MSI) \*, suitable for all common solutions for Windows software distribution.



## ownCloud Mobile Apps

Accessing your files on your ownCloud server via the Web interface is easy and convenient, as you can use any Web browser on any operating system without installing special client software. However, the ownCloud mobile apps for iOS and Android offer some advantages over the Web interface:

- A simplified interface that fits nicely on your mobile Device
- Automatic synchronization of your files
- Share files with other ownCloud users
- Easily upload files from your device to ownCloud
- Optional PIN/TouchID for stronger security



These Apps can also be branded to fit cooperate identity.



## ownCloud Marketplace

ownCloud Marketplace is our community and partner platform to distribute ownCloud extensions (“Apps”). It offers a variety of products, which enhance your ownCloud instance with additional features. Driven by the community, many of them are free but certified partners also offer their own products. Have a look and learn how you can extend your cloud sharing possibilities.

	Standard Edition	Enterprise Edition
<b>License</b>	AGPLv3 (Must share customizations with Community)	ownCloud Commercial License
<b>Support</b>	Community Forums (free) or € Standard Subscription (8x5)	€ Enterprise Subscription (12x5) or € Custom Subscription (up to 24x7)
<b>Documentation</b>	✓	✓
<b>Mobile Clients</b>	€	Included in subscription, may be branded
<b>Desktop Clients for Windows, iOS, Linux</b>	✓	Included in subscription, may be branded
<b>Onboarding/Migration Assistance</b>	✗	Dedizierter Deployment Manager
<b>Calendar</b>	Optional	Optional
<b>Contacts</b>	Optional	Optional
<b>Photo Gallery</b>	✓	✓
<b>SharePoint Integration</b>	✗	✓
<b>Windows Network Drive Integration</b>	✗	✓
<b>Federated Cloud Sharing</b>	✓	✓
<b>Ransomware Protection</b>	✗	✓
<b>Collaborative Editing</b>	Optional	Optional
<b>End-to-End Encryption</b>	Optional	Optional
<b>OAuth2</b>	✓	✓
<b>Password Policy</b>	✓	✓
<b>Outlook Plugin</b>	Optional	Optional
<b>Guests</b>	✓	✓
<b>Custom Groups</b>	✓	✓
<b>SAML/Shibboleth Authentication</b>	✗	✓
<b>Active Directory/LDAP</b>	✓	✓
<b>Provisioning API</b>	✓	✓
<b>Primary Storage</b>	Local storage, GlusterFS/Red Hat Storage, S3 Object Storage	Local Storage, GlusterFS/Red Hat Storage, certified S3 Object Storage: Scality, Ceph S3, Amazon S3, etc.
<b>Secondary Storage</b>	FTP, Dropbox, Google Drive, sFTP, WebDAV, SMB/CIFS	S3, FTP, Dropbox, Google Drive, sFTP, WebDAV, SMB/CIFS
<b>File Firewall</b>	✗	✓
<b>Logging Module for Reporting</b>	✗	✓
<b>Oracle DB Support</b>	✗	✓
<b>Antivirus</b>	✓	✓
<b>AES-256 Encryption, Key Management</b>	✓	✓
<b>Powerful API</b>	✓	✓
<b>Files Drop</b>	✓	✓
<b>Tagging</b>	System, User	System, User and Auto-Tagging
<b>Retention</b>	✗	✓
<b>Document Classification</b>	✗	✓
<b>Price per year</b>	Starting at \$3.600 / €3.000 for 50 users Volume discounts available in additional tiers starting at 100 users	Starting at \$9.000 / €7.200 for 50 users Volume discounts available in additional tiers starting at 100 users
<b>Apps from ownCloud Marketplace</b>	Community contributed: Music, Video, Notes + many more	ownCloud Apps Certified for the Enterprise

## About ownCloud





ownCloud is the largest Open Source Filesharing solution in the world with 200.000 installations and more than 25 million users. The Open Platform for Secure Enterprise Filesharing combines consumer-grade usability with enterprise-grade security. It enables users to access data no matter where it is stored or which device is used. By giving organizations the visibility and control required to manage sensitive data while offering users the modern collaboration experience they demand, productivity and security are increased at the same time. For more information, visit:

 <https://owncloud.com>

To join the conversation, please visit  <https://owncloud.com/newsroom> or follow us on Twitter [@ownCloud](https://twitter.com/ownCloud).

**ownCloud GmbH**  
Rathsbergstr. 17  
90411 Nürnberg  
Germany

Contact:  
[owncloud.com/contact](https://owncloud.com/contact)  
Phone: +49 911 14888690  
[owncloud.com](https://owncloud.com)

 [@ownCloud](https://twitter.com/ownCloud)  
 [facebook.com/owncloud](https://facebook.com/owncloud)  
 [gplus.is/owncloud](https://gplus.is/owncloud)  
 [linkedin.com/company/owncloud](https://linkedin.com/company/owncloud)