



Datasheet

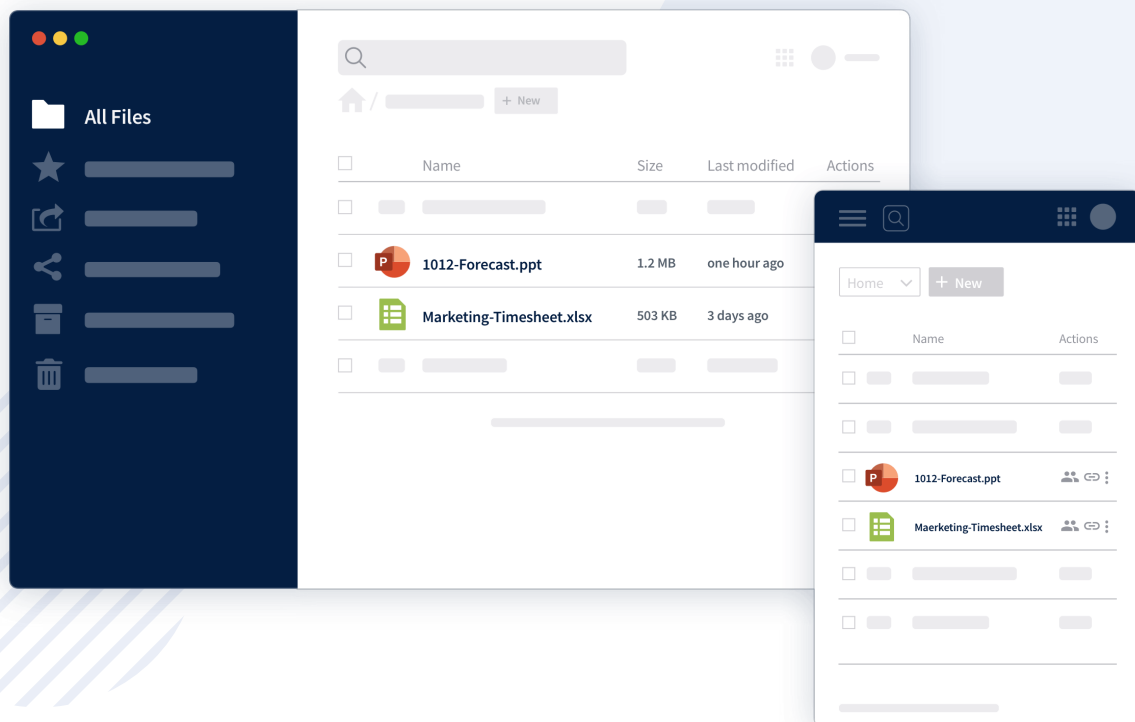
# ownCloud Subscription Overview

ownCloud
















# Secure enterprise file sharing

With more than 100 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 interface, 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 can quickly find and share the files they need whether shared by others or created by themselves. With features like password protection, link expiration, anonymous and full access sharing, files are managed accordingly.

**Learn more about ownCloud's features and subscription packages!**



# General

	Standard	Enterprise	ownCloud.online
<b>License</b>	AGPLv3	ownCloud Commercial License	
<b>Deployment options</b>	<ul style="list-style-type: none"> <li>On-premises</li> <li>Hybrid</li> <li>Cloud</li> </ul>	<ul style="list-style-type: none"> <li>On-premises</li> <li>Hybrid</li> <li>Cloud</li> </ul>	
ownCloud puts you in control. You decide where your data resides!			
<b>Onboarding / migration assistance</b>		Dedicated Deployment Manager (on request €/€)	
When you're ready to deploy ownCloud, no matter how straight-forward or complex your implementation will be, we will help you to ensure a smooth and effective production roll-out. With four levels of deployment support available, we are able to tailor our deployment services to match your needs.			
<b>Support</b>	9x5 with 2h reaction time via email	9x5 with 2h reaction time, up to 24x7 with 2h reaction time (Custom Subscription) via email and phone	
For more information please visit <a href="https://owncloud.com/support/">https://owncloud.com/support/</a>			
<b>Documentation</b>			
<a href="https://doc.owncloud.com/">https://doc.owncloud.com/</a>			
<b>Multi-language support</b>			
ownCloud is available in many languages, translations are constantly extended and improved			
<b>Intuitive web-interface</b>			
ownCloud's design principles put the user center stage providing a great user experience and seamless workflows. They do this by focusing on ease-of-use and an intuitive design.			
<b>Desktop clients for Windows, MacOS &amp; Linux</b>			
The ownCloud desktop client keeps your files in sync and provides many additional features, by directly integrating with the file browser (e.g. sharing of files). The ownCloud Desktop Sync Client for Windows is delivered as Windows Installer (MSI), suitable for all common solutions for Windows software distribution.			

# General

	Standard	Enterprise	ownCloud.online
<b>Virtual File System</b>			
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 on-demand.			
<b>Mobile apps for iOS &amp; Android</b>	In-app purchases	Pro-features included in subscription, may be branded	
Download the ownCloud mobile apps here <a href="https://owncloud.com/mobile-apps/">https://owncloud.com/mobile-apps/</a>			
<b>Active Directory / LDAP Integration</b>			
Connect ownCloud to an LDAP/AD-based user directory (authentication and provisioning of users/groups and corresponding attributes).			
<b>Branding</b>			
ownBrander lets you easily apply your Corporate Identity to the ownCloud web-interface, mobile & desktop clients. ownBrander self-service included, can be extended by branding subscription “small” or “full”, up to integration into Mobile Device Management and Single Sign-on systems.			
<b>Oracle DB Support</b>			
Supports the use of Oracle Databases with ownCloud.			

# Productivity

	Standard	Enterprise	ownCloud.online
<b>Activity Stream</b>			
Displays actions related to their files in ownCloud, e.g. upload, edit, delete, share, share was accessed externally. User-configurable, regular email notifications possible.			
<b>Content Sharing</b>			
Sharing of files, notes and more with users of your ownCloud instance, users of other ownCloud instances (Federated Cloud Sharing) or via an anonymous link (password protection, expiration date possible).			
<b>Custom Groups</b>			
Enables users to define their own groups to share with. An integrated role concept allows collaborative management of groups.			
<b>Federated Cloud Sharing</b>			
With Federated Cloud Sharing, users on one ownCloud installation can collaborate with users on other ownCloud installations while each server maintains its respective security and governance protocols. Files shared between users are no longer confined to a single shared folder or ownCloud instance.			
<b>Sharing Permission Management</b>			
Feature to selectively restrict access to shared content (Create, Edit, Delete, Reshare).			
<b>Calendar</b>	Optional	Optional	
Use the Calendar App in ownClouds web-interface, sync your calendars via CalDAV and share them with other users.			
<b>Contacts</b>	Optional	Optional	
Use the Contacts App in ownClouds web-interface, sync your contacts via CalDAV and sharing them with other users.			
<b>Video Streaming</b>			
Watch your videos directly in ownCloud without the hassle of downloading them first.			
<b>Media Viewer</b>			
Gallery feature for quick & easy image viewing with slideshow functionality.			

# Productivity

	Standard	Enterprise	ownCloud.online
<b>Large File Support (&gt; 4 GB)</b>	✓	✓	✓
File size in ownCloud is only limited by the configuration and underlying infrastructure.			
<b>Upload Chunking/ Resuming</b>	✓	✓	✓
<b>Chunking</b> allows to split up files into smaller packages (chunks) before uploading. This enables parallel uploading of a single file (performance improvements) and upload resuming during e.g. unstable network connection.			
<b>Collabora Online</b>	Optional	Optional	
Collaborative viewing and editing of office documents within a browser with <b>Collabora Online</b> . Supports Microsoft and LibreOffice formats for documents, presentations and spreadsheets.			
<b>ONLYOFFICE</b>	Optional	Optional	Optional
The <b>ONLYOFFICE</b> integration enables access and collaborative editing of Microsoft Office file formats for documents, presentations and tables from the ownCloud frontend in real time.			
<b>Microsoft Office Online Server</b>	✗	Optional	
The <b>Microsoft Office Online integration</b> via WOPI enables viewing and collaborative editing of documents, presentations and spreadsheets using the original Microsoft Office Online Editor within the ownCloud frontend in real time.			
<b>Microsoft Outlook Plugin</b>	Optional	Optional	✓
Using the <b>ownCloud Outlook integration</b> you can share access to important files and directories with just a few clicks directly from Outlook.			
<b>File Drop</b>	✓	✓	✓
Allows users to mark any folder as a <b>drop folder</b> for externals to anonymously drop files in a shared folder without revealing the actual content of the folder.			
<b>File Tagging</b>	<ul style="list-style-type: none"> <li>• Admin-defined</li> <li>• User-defined</li> </ul>	<ul style="list-style-type: none"> <li>• Admin-defined</li> <li>• User-defined</li> <li>• Auto- and group-tagging</li> </ul>	✓
Add specific tags to your files. This feature allows smart filtering of files and works with shared files as well.			
<b>File Versioning</b>	✓	✓	✓
Versioning feature for files which allows rollback to older file versions.			

# Productivity


















	Standard	Enterprise	ownCloud.online
<b>File Comments</b>	✓	✓	✓
Add individual comments to files. Works with shared files as well.			
<b>File Locking</b>	✓	✓	✓
Lock files to prevent users from making concurrent edits that could cause file conflicts. Users are notified when files are locked.			
<b>Favorites</b>	✓	✓	✓
Mark files and folders as favorites for quick access on all devices.			
<b>Impersonation</b>	✓	✓	⊗
Admin feature to impersonate users. Administrators can login as any user and conduct actions as this user i.e. to provide a helpdesk experience. May be restricted to group membership/administrators.			
<b>Notifications</b>	✓	✓	✓
With this feature users can receive notifications from administrators & apps.			
<b>Guests</b>	✓	✓	✓
The ownCloud Guests feature allows to create ownCloud Guest accounts with limited access rights. Simply share with external users just by entering an email address in the sharing dialog.			
<b>Workflows (automated file operations)</b>	⊗	✓	⊗
Enables administrators to specify rules and conditions (file size, file mime-type, group membership and more) to automatically assign tags (see File Tagging) to uploaded files. Based on those tags automated file operations (workflow actions) like File Retention (automated file retention periods) can be conducted. Can be extended by "Workflow Apps".			
<b>Full Text Search</b>	Optional	Optional	⊗
Full text search functionality to find files, folders and file content easily. Supports .txt, .docx, .xlsx, .pptx, .odt, .ods, .pdf and more.			
<b>Extendability</b>	Community contributed: Music, Video, Notes + many more	ownCloud Apps certified for Enterprise use	
ownCloud's open architecture and APIs allow developers to rapidly extend core functionality and enhance the solution to meet user needs. ownCloud is highly extensible therefore, enabling the addition of new features quickly via plug-in applications (ownCloud Apps).			

# Storage

	Standard	Enterprise	ownCloud.online
<b>Storage Infrastructure Consolidation</b>	✓	✓	✗
Single point of access to all supported storage systems. ownCloud unites your storage resources on one platform giving you secure access without requiring a VPN connection.			
<b>Primary storage</b>	<ul style="list-style-type: none"> <li>• Local storage / NFS</li> <li>• GlusterFS / Red Hat Storage</li> <li>• S3 Object Storage</li> </ul>	<ul style="list-style-type: none"> <li>• Local storage / NFS</li> <li>• GlusterFS / Red Hat Storage</li> <li>• Certified S3 Object Storage: Scality, Ceph S3, Amazon S3, etc.</li> </ul>	✗
Internal storage options for an ownCloud instance.			
<b>Secondary storage</b>	<ul style="list-style-type: none"> <li>• Local storage / NFS</li> <li>• GlusterFS / Red Hat Storage</li> <li>• S3 Object Storage</li> <li>• Dropbox</li> <li>• Google Drive</li> <li>• SFTP</li> <li>• WebDAV</li> </ul>	<ul style="list-style-type: none"> <li>• Local storage / NFS</li> <li>• GlusterFS / Red Hat Storage</li> <li>• SMB / CIFS</li> <li>• certified S3 Object Storage: Scality, Ceph S3, Amazon S3, etc.</li> <li>• Dropbox</li> <li>• Google Drive</li> <li>• SFTP</li> <li>• WebDAV</li> </ul>	✗
External storage of an ownCloud instance. Can for example include mounted or integrated storage systems.			
<b>Microsoft SharePoint Integration</b>	✗	✓	✗
Integration of MS SharePoint Storage with ownCloud.			
<b>Windows Network Drive Integration</b>	✗	✓	✗
Integration of Windows Network Drive Storage with ownCloud.			















# Security

	Standard	Enterprise	ownCloud.online
<b>End-to-End Encryption</b>		Optional	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.			
<b>End-to-End Encryption with key service</b>	Optional	Optional	
For maximum security and control in data exchange, ownCloud offers an additional Key Service application that enables professional key management with the option of using USB tokens, HSM/Smartcards and other hardware devices to decrypt data. Device-based key management provides the highest security level as decryption keys are stored separately from the user's workstation and can't be extracted from the hardware device.			
<b>Ransomware Protection</b>			
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.			
<b>2-Factor Authentication</b>			
Two-Factor authentication through TOTP (Time-Based One-Time Password Algorithm). For example compatible with Google Authenticator.			
<b>Active Session Management</b>			
List active sessions of a user and disconnect them selectively.			
<b>Anti-Virus</b>			
Virus scanner for files (using ClamAV).			
<b>File Integrity Checking</b>			
To prevent file corruption the integrity of up- and downloaded files are automatically verified by comparing their unique checksums before and after transfer.			

# Security

	Standard	Enterprise	ownCloud.online
<b>Auditing/Logging Module</b>			
Admin feature to log login and logout events of users, file system operations, including actions on the trash bin, internal sharing of a file, sharing a link with a user, or permission changes as well as user management actions (creation/deletion/disabling/enabling of users), actions on ownCloud apps (enable/disable) and administrative actions from the command line.			
<b>File Firewall</b>			
Admin feature for application-level file access rules to protect files in the organization. Inspects file requests made on an ownCloud server, and prevents ownCloud from executing any code if the firewall rules are met. Possible rules are IP address range, device type, file size, subnet, time, group membership. Logging is configurable.			
<b>OAuth2</b>			
OAuth2 is the open industry-standard protocol for secure authorization of clients. It greatly enhances security while facilitating the integration of third party applications or web services.			
<b>Password Policy</b>			
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.			
<b>SAML/SSO Authentication</b>			
Authentication feature using the SAML standard. This allows Single Sign-On (SSO) via Shibboleth, ADFS, Ping Identity and more.			
<b>Native Brute Force Protection</b>	Optional	Optional	
The Brute Force Protection extension prevents attackers from “guessing” user passwords through a brute force attack. Repeated failed login attempts from the same IP address are delayed, minimizing the chances of a successful attack.			
<b>Document Classification</b>			
To prevent sensitive data from being leaked and safe-guard personal data as per regulation guidelines, the Document Classification extension enables administrators to automatically classify documents and define policies for sharing documents based on defined levels of confidentiality.			

# Security

	Standard	Enterprise	ownCloud.online
<b>Secure View</b>			
Secure View allows ownCloud users to share sensitive data in such a way that it can only be viewed by the recipient in the browser. If users share data, they can choose to forbid editing, downloading, copy/pasting and printing a shared document. Additionally, documents are protected with watermarks that identify the user and make screenshots traceable. Secure View is a Collabora Online feature, and works with documents of all common office file formats (docx/xlsx/pptx/odx/pdf).			
<b>Storage Encryption with HSM support</b>			
ownCloud Server supports storage encryption with master keys stored in hardware security modules (HSM). In contrast to the regular master key-based storage encryption that stores the keys on the storage, storage encryption with keys in an HSM allows administrators to completely prevent anyone who has access to the storage from accessing the data stored in ownCloud.			
<b>Encryption of Primary Storage (AES-256), key management</b>			
Server-side encryption of primary storage using the Advanced Encryption Standard (AES). When enabled, the admin is unable to read user-data of an instance.			
<b>File Lifecycle Management</b>			
Automatically archive and then delete files that are no longer needed, ensuring data protection compliance.			

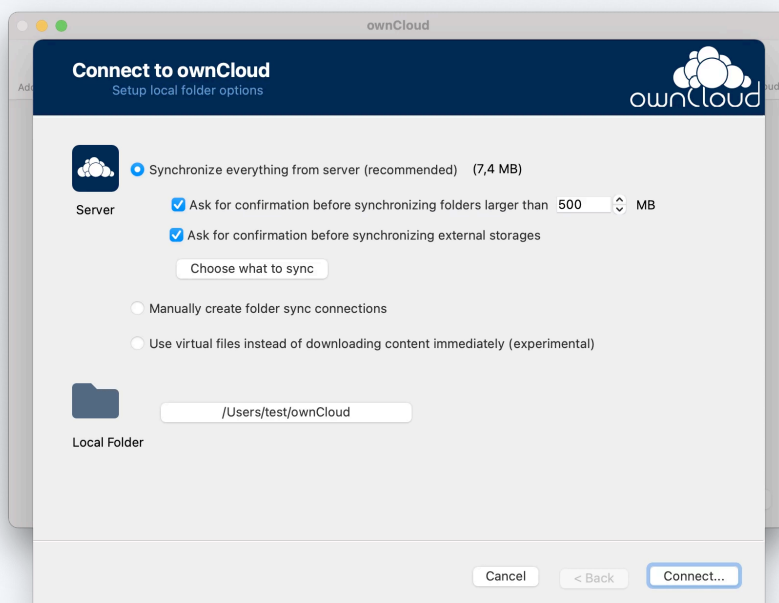
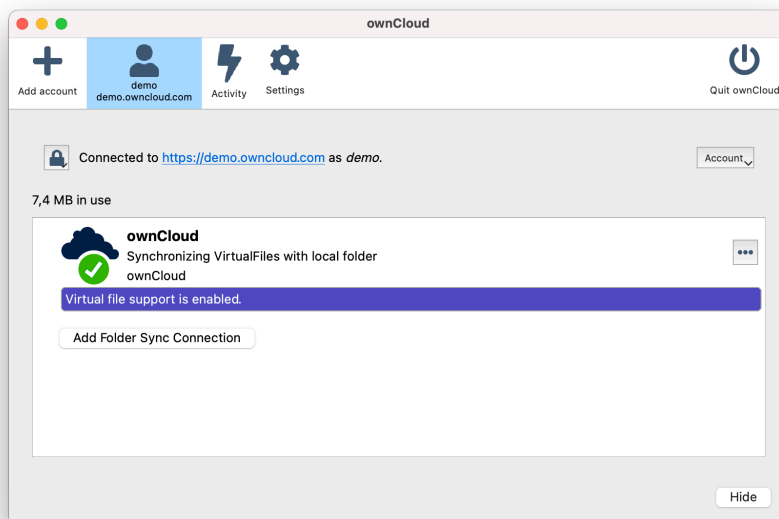
# Technical Toolbox

	Standard	Enterprise	ownCloud.online
<b>Command Line Interface (CLI)</b>	✓	✓	✗
Management of instances via command line and/or scripts (OCC).			
<b>Provisioning APIs</b>	✓	✓	✗
Contains APIs to enable the provision of the following Admin /Group-Admin functionalities outside the WebGUI via HTTP-requests: <ul style="list-style-type: none"> <li>• Create, edit, delete and query user attributes</li> <li>• Query, set and remove groups, set quota and query total storage used in ownCloud</li> <li>• Query for active ownCloud applications or application info</li> </ul>			
<b>WebDAV, CalDAV, CardDAV API</b>	✓	✓	✓
Extension of the HTTP-Protocol used as an interface for file operations and calendar/contact synchronization. Open standard with ownCloud-specific extensions.			
<b>OpenCloudMesh API</b>	✓	✓	✓
Extension of the HTTP-Protocol used as an interface for file operations and calendar/contact synchronization. Open standard with ownCloud-specific extensions.			
<b>Sharing API</b>	✓	✓	✗
Interface for sharing functionalities.			
<b>Capability API</b>	✓	✓	✗
Interface for server capability discovery.			
<b>Public ownCloud Server Core API</b>	✓	✓	✗
Interface for extending the ownCloud server functionality. An example are ownCloud Apps.			
<b>Metrics App</b>	✗	✓	✗
The Metrics App provides an API for reporting snapshots of quantitative data about users, shares and quota usage in the JSON format. It also provides a dashboard for reviewing real-time data and the option to download real-time data in the CSV format.			

## 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.

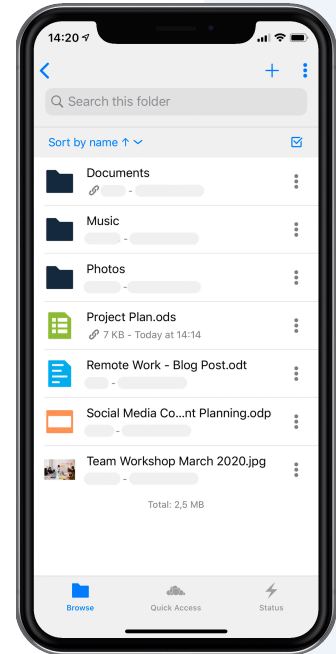
With the ownCloud Client, the latest changes are always at your fingertips. The desktop client is available for Windows, MacOS, Linux and can be customized to fit to your corporate identity. The ownCloud Desktop Sync Client for Windows is delivered as Windows Installer (\*.MSI), suitable for all common 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 or FaceID for stronger security



These apps can also be branded to fit your cooperate identity.

	Standard	Enterprise	ownCloud.online
<b>FaceID</b>	✓	✓	✓
Let users unlock their ownCloud App with a smile on iOS and Android.			
<b>Document Scanner</b>	In-app purchase	✓	✓
Let users scan documents with their iPhone.			
<b>iOS Document Markup</b>	In-app purchase	✓	✓
Let users highlight, draw and annotate PDFs and images seamlessly with their iPhone or iPad.			
<b>iOS EMM App and MDM</b>	✓	✓	✗
With the MDM functionality of the ownCloud iOS EMM App, you can make onboarding new users much easier, for example by preconfiguring the ownCloud URL.			

## Why choose ownCloud Enterprise Edition?

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

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
- 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, Thunderbird or eM Client 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 advice.

Together with you, we analyse your current situation, 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.




## About ownCloud

ownCloud develops and provides open source software for content collaboration, allowing teams to easily share and work on files seamlessly regardless of device or location. More than 100 million users worldwide already use ownCloud as an alternative to public clouds – and thereby opt for more digital sovereignty, security and data protection.

For further information, please visit [owncloud.com](https://owncloud.com) or find [@ownCloud](https://twitter.com/ownCloud) on Twitter.

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