



# Technical Information

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## 1 Introduction

In this document, you will find technical details for the use of the Fabasoft Private Cloud.

## 2 Supported Platforms

The Fabasoft Private Cloud supports following third-party products.

### 2.1 Desktop

The Fabasoft Private Cloud can be used with the following web browsers:

- Microsoft Internet Explorer
- Microsoft Edge
- Mozilla Firefox
- Google Chrome
- Apple Safari

In the following, reference platforms are listed that provide optimal functionality and best performance:

- Microsoft Windows 7 SP1
  - Microsoft Internet Explorer 11.0 (x86 or x64; "Protected Mode" and "Enhanced Protected Mode" are not supported)
  - Mozilla Firefox 59.0 (x86 or x64)
  - Google Chrome 65.0 (x86 or x64)
- Microsoft Windows 8.1
  - Microsoft Internet Explorer 11.0 (x86 or x64; as desktop program; "Protected Mode" and "Enhanced Protected Mode" are not supported)
  - Mozilla Firefox 59.0 (x86 or x64; as desktop program)
  - Google Chrome 65.0 (x86 or x64; as desktop program)
- Microsoft Windows 10 (from version 1709)
  - Microsoft Internet Explorer 11.0 (x86 or x64; as desktop program; "Protected Mode" and "Enhanced Protected Mode" are not supported)
  - Microsoft Edge 41 (x86 or x64; as desktop program)
  - Mozilla Firefox 59.0 (x86 or x64; as desktop program)
  - Google Chrome 65.0 (x86 or x64; as desktop program)
- Apple macOS High Sierra 10.13 (x64)
  - Apple Safari 11.0 (x64)
  - Mozilla Firefox 59.0 (x64)
  - Google Chrome 65.0 (x64)
- Ubuntu 17.10 (x64) with Xorg window system
  - Mozilla Firefox 59.0 (x64)

### 2.1.1 Office Applications

The Fabasoft Cloud Client enables you to open and save documents directly to the cloud with the corresponding third-party products. The following reference versions are tested:

- Adobe Reader DC
- Apple Keynote 7.3
- Apple Numbers 4.3
- Apple Pages 6.3
- Apple Calendar 10.0
- Autodesk AutoCAD 2013 SP1.1 / 2016
- LibreOffice 5.4.6
- Microsoft Excel 2010 SP2 / 2013 SP1 / 2016 / Online
- Microsoft Outlook 2010 SP2 / 2013 SP1 / 2016
- Microsoft PowerPoint 2010 SP2 / 2013 SP1 / 2016 / Online
- Microsoft Project 2010 SP2 / 2013 SP1 / 2016
- Microsoft Visio 2010 SP2 / 2013 SP1 / 2016 / Online
- Microsoft Word 2010 SP2 / 2013 SP1 / 2016 / Online
- Microsoft Excel for Mac 2016
- Microsoft Outlook for Mac 2016
- Microsoft PowerPoint for Mac 2016
- Microsoft Word for Mac 2016
- Mozilla Thunderbird 52.7

**Note:** Microsoft Office 365 Business or Education is required for using Microsoft Office Online.

## 2.1.2 Multimedia Files

It is possible to play multimedia files directly in the current versions of the following web browsers.

Web browser	Supported formats
Microsoft Internet Explorer	Audio: MP3 Video: MP4
Microsoft Edge	Audio: MP3, Wav Video: MP4
Mozilla Firefox	Audio: MP3, Wav, Ogg Video: MP4, WebM, Ogg
Google Chrome	Audio: MP3, Wav, Ogg Video: MP4, WebM, Ogg
Apple Safari	Audio: MP3, Wav Video: MP4

Which concrete formats are supported by your web browser can be found here:

<https://caniuse.com/#search=audio%20format>

<https://caniuse.com/#search=video%20format>

## 2.2 Mobile Devices

In the following, reference platforms are listed that provide optimal functionality and best performance.

### 2.2.1 Web Browser

- Tablets/Phones with iOS 11.1  
Apple Safari (version corresponding to the supported operating system)
- Tablets/Phones with Android 7.0  
Google Chrome 65.0 (setting: mobile version)

### 2.2.2 Fabasoft Cloud App

- Tablets/Phones with iOS 11.1
- Tablets/Phones with Android 7.0

## 2.3 Accessibility

Accessibility is a basic concept of the Fabasoft Private Cloud. To enable working with assistive technologies like screen readers or screen magnifiers Fabasoft Private Cloud follows following standards:

- Accessible Rich Internet Applications (WAI-ARIA) 1.0
- Web Content Accessibility Guidelines (WCAG) 2.0, ISO/IEC 40500:2012, Conformity Level AA
- ISO 9241-171:2008 Guidance on software accessibility

Following screen readers are recommended for the use with the Fabasoft Private Cloud:

- Microsoft Windows
  - NVDA (NonVisual Desktop Access) with Mozilla Firefox
  - JAWS 17.0 with Microsoft Internet Explorer
- Apple iPhone/iPad
  - VoiceOver (Fabasoft Cloud App)
- Android
  - TalkBack (Fabasoft Cloud App; TalkBack provides only a restricted support in older Android versions)

**Note:** VoiceOver and TalkBack provide only a restricted support for WAI-ARIA. Consequently, the web browser user interface cannot be used with these screen readers.

### 3 The Fabasoft Cloud Client

The Fabasoft Cloud Client is necessary for a close integration with desktop productivity tools, such as Microsoft Office or LibreOffice. The Fabasoft Cloud Client is available on all reference platforms described in chapter 2.1 “Desktop”.

If you have the Fabasoft Cloud Client installed, you have the following upload possibilities:

Web Browser	Drag and Drop	Copy and Paste	“Upload” Action
Microsoft Internet Explorer (Microsoft Windows)	Multiple files and folders  E-mails and events from Microsoft Outlook	Multiple files and folders  E-mails, contacts and /events from Microsoft Outlook	A single file
Microsoft Edge (Microsoft Windows)	Multiple files  E-mails and events from Microsoft Outlook	Multiple files and folders  E-mails, contacts and events from Microsoft Outlook	Multiple files
Mozilla Firefox (Microsoft Windows)	Multiple files	Multiple files and folders  Emails, contacts and meetings/events from Microsoft Outlook	Multiple files
Mozilla Firefox (Ubuntu)	Multiple files	Multiple files and folders	Multiple files

Mozilla Firefox (Apple macOS)	Multiple files	Multiple files	Multiple files
Apple Safari (Apple macOS)	Multiple files	Multiple files and folders	A single file
Google Chrome (Microsoft Windows)	Multiple files	Multiple files and folders Emails, contacts and meetings/events from Microsoft Outlook	Multiple files
Google Chrome (Apple macOS)	Multiple files	Multiple files and folders	Multiple files

If you have the Fabasoft Cloud Client not installed, you have the following upload possibilities:

Webbrowser	Drag and drop	"Upload" Action
Microsoft Internet Explorer 11 (Microsoft Windows)	Multiple files	A single file
Microsoft Edge (Microsoft Windows)	Multiple files	A single file
Mozilla Firefox (Microsoft Windows, Apple macOS, Ubuntu)	-	A single file
Apple Safari (Apple macOS)	-	A single file
Google Chrome (Microsoft Windows, Apple macOS)	Multiple files	A single file

**Note:**

- In case the Fabasoft Cloud Client is not installed on your desktop already, you will be asked to install it when logging in.
- The maximum file size is 16 gigabytes.
- The Cloud Folder (synchronization with the file system) supports on Microsoft Windows local NTFS 3.1 file systems and on Apple macOS local HFS+ or APFS file systems.  
**Note:** Each Cloud Folder is assigned to exactly one user and workstation. Therefore, it is not



supported that several users synchronize in the same Cloud Folder or that one user synchronizes from several workstations in the same Cloud Folder.

## 4 The Fabasoft Cloud Enterprise Client

The installation of software in a user's local profile is often not possible in an enterprise environment (e.g. users are not allowed to execute MSI packages or the software must be installed on a terminal server). In this case you may use the Enterprise Client. This Client is installed for all users on a computer (so-called "per machine" installation) and can be distributed centrally by administrators.

Download the installation package for this client here:

`https://<private cloud host>/cloud/fscasp/content/lib/CloudClientEnterprise.msi`

The optimal browser settings for your users are not set automatically. Thus, administrators must ensure that the settings are rolled out according to the white paper "[Fabasoft Cloud Client](#)".

The installation of the Enterprise Client and the Cloud Client on the same computer is not supported.