



# Technical Information

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## Contents

<b>1 Introduction</b>	<b>4</b>
<b>2 Supported Platforms</b>	<b>4</b>
2.1 Desktop	4
2.1.1 Office Applications	4
2.1.2 Multimedia Files	5
2.2 Mobile Devices	6
2.2.1 Web Browser	6
2.2.2 Fabasoft Cloud App	6
2.3 Accessibility	6
<b>3 The Fabasoft Cloud Client</b>	<b>7</b>
<b>4 The Fabasoft Cloud Enterprise Client</b>	<b>9</b>

## 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 10 (20H2)
  - Microsoft Internet Explorer 11.0 (x86 or x64; as desktop program; "Protected Mode" and "Enhanced Protected Mode" are not supported)
  - Microsoft Edge 88.0 (x86 or x64; as desktop program)
  - Mozilla Firefox 84.0 (x86 or x64; as desktop program)
  - Google Chrome 88.0 (x86 or x64; as desktop program)
- Apple macOS 11.1 (x64)
  - Apple Safari 14.0 (x64)
  - Mozilla Firefox 84.0 (x64)
  - Google Chrome 88.0 (x64)
- Ubuntu 20.04 (x64) with Xorg window system
  - Mozilla Firefox 84.0 (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 InDesign CC 2020
- Adobe Illustrator CC 2020
- Adobe Photoshop CC 2020
- Adobe Reader DC
- Apple Keynote 10.3
- Apple Numbers 10.3
- Apple Pages 10.3

- Apple Calendar 11.0
- Autodesk AutoCAD 2016 / 2021
- HCL Notes 11.0
- LibreOffice 6.4.7
- Microsoft Excel 2016 / 2019 / 365 (Desktop Version) / Online
- Microsoft Outlook 2016 / 2019 / 365 (Desktop Version)
- Microsoft PowerPoint 2016 / 2019 / 365 (Desktop Version) / Online
- Microsoft Project 2016 / 2019
- Microsoft Visio 2016 / 2019 / Online
- Microsoft Word 2016 / 2019 / 365 (Desktop Version) / Online
- Microsoft Excel for Mac 2019
- Microsoft Outlook for Mac 2019
- Microsoft PowerPoint for Mac 2019
- Microsoft Word for Mac 2019
- Mozilla Thunderbird 78.6

**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, Ogg Video: MP4, WebM, Ogg
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 iPadOS/iOS 14.3  
Apple Safari (version corresponding to the supported operating system)
- Tablets/Phones with Android 10  
Google Chrome 88.0 (setting: mobile version)

### 2.2.2 Fabasoft Cloud App

- Tablets/Phones with iPadOS/iOS 14.3
- Tablets/Phones with Android 10

## 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 or Google Chrome
  - JAWS 2020 with Microsoft Internet Explorer, Google Chrome or Mozilla Firefox
- Apple iPhone/iPad
  - VoiceOver (Fabasoft Cloud App)
- Android
  - TalkBack (Fabasoft Cloud App)

**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.

### Accessibility Exceptions

The following functionality is restricted or not accessible:

- BPMN Editor
- Document View
- Content of Widgets
- New Events in Teamrooms
- Adjusting Images

- Adjusting Screenshots (Support Button)
- Menus in List Cells
- Manual Sorting of Lists

You can find more information about the restrictions and alternatives in the user help in the chapter "Accessibility Exceptions".

### 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
<b>Microsoft Internet Explorer</b> (Microsoft Windows)	Multiple files and folders  E-mails, contacts and events from Microsoft Outlook	Multiple files and folders  E-mails, contacts and events from Microsoft Outlook	Multiple files
<b>Microsoft Edge</b> (Microsoft Windows)	Multiple files and folders  E-mails, contacts and events from Microsoft Outlook	Multiple files and folders  E-mails, contacts and events from Microsoft Outlook	Multiple files
<b>Mozilla Firefox</b> (Microsoft Windows)	Multiple files and folders	Multiple files and folders  E-mails, contacts and events from Microsoft Outlook	Multiple files
<b>Mozilla Firefox</b> (Ubuntu)	Multiple files and folders	Multiple files and folders  SMB shares are not supported	Multiple files
<b>Mozilla Firefox</b> (Apple macOS)	Multiple files and folders	Multiple files and folders	Multiple files
<b>Apple Safari</b> (Apple macOS)	Multiple files and folders	Multiple files and folders	Multiple files
<b>Google Chrome</b>	Multiple files and folders	Multiple files and folders	Multiple files

(Microsoft Windows)	E-mails, contacts and events from Microsoft Outlook	E-mails, contacts and events from Microsoft Outlook	
Google Chrome (Apple macOS)	Multiple files and folders	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 (Microsoft Windows)	Multiple files	A single file
Microsoft Edge (Microsoft Windows)	Multiple files and folders E-mails from Microsoft Outlook	A single file
Mozilla Firefox (Microsoft Windows, Apple macOS, Ubuntu)	Multiple files and folders	A single file
Apple Safari (Apple macOS)	Multiple files and folders	A single file
Google Chrome (Microsoft Windows, Apple macOS)	Multiple files and folders	A single file

**Note:**

- In case the Fabasoft Cloud Client is not installed on your device already, you will be asked to install it when logging in.
- The integration in Microsoft Office (buttons) is only available under Microsoft Windows.
- 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 devices. Therefore, it is not supported that several users synchronize in the same Cloud Folder or that one user synchronizes from several devices 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.