



F2

F2 Software Requirements

Version 12

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Introduction

This document describes the software you need to install before the cBrain technician can install F2 on the servers.

Please refer to the installation manual for details.

Client		Verified by
Operating system	Windows 10 or Windows 11	
Microsoft Office	<p>Microsoft Office 2016¹ (Word, Excel, PowerPoint and Outlook). Only 32 bit supported</p> <p>or</p> <p>Microsoft Office 365 E3, E5, Business or Microsoft 365 Apps for enterprise² or Microsoft Office 2019³, 2021 or 2024 Professional Plus</p> <p>32 or 64 bit installed on the PC</p> <p>Note: cBrain cannot guarantee a seamless integration with the Microsoft Office suite if third party add-ins are installed.</p>	
Microsoft WebView2 ⁴	x64 or x86	
.Net	4.8 or newer	
Antivirus exclusions on access scan	<p>Roaming folders:</p> <p>%APPDATA%\cBrain\F2\Logfiles</p> <p>%APPDATA%\cBrain\F2\DataCache</p> <p>Local folders:</p> <p>%LOCALAPPDATA%\cBrain\F2\Offline</p>	

¹ Microsoft Office 2016 is planned for deprecation in the next major release.

² Other Microsoft Office 365 plans, such as Microsoft Office 365 Home and Microsoft Office 365 Personal, are **not** supported. Microsoft Office 365 ProPlus changed name to Microsoft 365 Apps for enterprise on April 21st 2020.

³ Microsoft Office 2019 is planned for deprecation in the next major release.

⁴ <https://developer.microsoft.com/en-us/microsoft-edge/webview2/#download-section>

Accessibility

F2 supports accessibility through a range of standards on each platform. cBrain uses these tools to analyse, develop and test accessibility for F2.

The following tools are used by cBrain to ensure good accessibility:

- Freedom Scientific JAWS for Desktop
- ChromeVox for Web

Remote access

For installation/support purposes we need to be able to remote access servers and clients from a Windows 10 client.

F2 Touch

F2 Touch is supported on the following browsers and mobile operating systems (OS):

Google Chrome, latest version	http://w3schools.com/browsers/browsers_chrome.asp
Mozilla Firefox, latest version	http://w3schools.com/browsers/browsers_firefox.asp
Apple Safari for Mac, latest version (not on Windows PCs)	http://w3schools.com/browsers/browsers_safari.asp
Apple Safari for iOS, latest two versions	
Microsoft Edge, latest version	
Android, supported OS listed in Google Play store	https://play.google.com/store/apps/details?id=com.cbrain.f2touchapp
iPhone & iPad, latest two versions of iOS	https://apps.apple.com/dk/app/f2-touch/id623790616

F2 Manager

F2 Manager is supported on the following mobile operating system (OS):

iPad, latest two versions of iOS	https://apps.apple.com/dk/app/f2-manager/id574409653
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F2 Manager 2

F2 Manager 2 is supported on the following mobile operating system (OS):

iPad, latest version of iOS	https://apps.apple.com/app/f2-manager-2/id6469321175
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F2 Self Service

F2 Self Service is supported on the following browsers:

Google Chrome, latest version	http://w3schools.com/browsers/browsers_chrome.asp
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Mozilla Firefox, latest version	http://w3schools.com/browsers/browsers_firefox.asp
Apple Safari for Mac, latest version (not on Windows PCs)	http://w3schools.com/browsers/browsers_safari.asp
Apple Safari for iOS, latest two versions	
Microsoft Edge, latest version	

F2 Add-ins for Microsoft Office

F2 add-in for Microsoft Outlook	Microsoft Outlook Classic. Build 17530.15000 or newer. Must support Requirement set 1.14 ⁵ Exchange 2016 or newer
F2 add-in for Microsoft Word	Microsoft Word 2016 or newer. Must support Requirement set WordApi 1.1 ⁶ AND use WebView2 ⁷ (Office 2016 retail or Office 2019 retail or Office 2021 Volume or Retail or newer)

⁵ [Outlook JavaScript API requirement sets - Office Add-ins](#)

⁶ [Office client application and platform availability for Office Add-ins](#)

⁷ [Browsers and webview controls used by Office Add-ins](#)

Application server		Verified by
Microsoft Windows Server	2019 ⁸ or 2022	
Internet browser		
Adobe Reader	XI - DC	
<p>Minimum: Microsoft Internet Information Server</p> <p>Following roles and features need to be activated</p>	<p>8.0, enabled for ASP.NET 4.0</p> <ul style="list-style-type: none"> • IIS-WebServerRole • IIS-WebServer • IIS-CommonHttpFeatures • IIS-StaticContent • IIS-DefaultDocument • IIS-DirectoryBrowsing • IIS-HttpErrors • IIS-HttpRedirect • IIS-ApplicationDevelopment • IIS-NetFxExtensibility45 • IIS-ASPNET45 • IIS-ISAPIExtensions • IIS-ISAPIFilter • IIS-HealthAndDiagnostics • IIS-HttpLogging • IIS-Security • IIS-BasicAuthentication • IIS-WindowsAuthentication • IIS-RequestFiltering • IIS-IPSecurity • IIS-Performance • IIS-HttpCompressionStatic • IIS-HttpCompressionDynamic • IIS-WebServerManagementTools • IIS-ManagementConsole • IIS-WebSockets • WCF-Services45 • WCF-HTTP-Activation45 • NetFx4ServerFeatures • NetFx4 • NetFx4Extended-ASPNET45 • WAS-ProcessModel • WAS-WindowsActivationService • WAS-ConfigurationAPI 	
URL Rewrite Module	2.1 ⁹	
.NET	<p>4.8 or newer AND</p> <p>.NET 8 Hosting Bundle¹⁰ AND</p> <p>.NET 8 Desktop Runtime</p>	

⁸ Windows Server 2019 is planned for deprecation in the next major release

⁹ Download from <https://www.iis.net/downloads/microsoft/url-rewrite>

¹⁰ Install the ASP.NET Core Hosting Bundle available for download from [Download .NET 8.0 \(Linux, macOS, and Windows\) \(microsoft.com\)](#) (the "Hosting Bundle" button). The installation doesn't require a server-restart, and it can coexist with any .NET Framework versions on the server.

Microsoft Visual C++	2017 Redistributable 32 bit and 64 bit	
Microsoft Visual C++	2019 Redistributable 32 bit and 64 bit	
Windows	To highest patch level	
Antivirus exclusions on access scan	On F2 log files location (Default is F:\F2\Customer.Environment\ Logs) On F2 Home files location (Default is E:\F2\Customer.Environment)	
Windows PowerShell	5.1 or newer	
PowerShell (.NET Core)	7.2 or newer	

Database server		Verified by
Microsoft Windows Server	2019 ¹¹ , or 2022 64 bit	
SQL Server	2017 or 2019 with newest Cumulative Update (at least CU9) or 2022 with newest Cumulative Update (at least CU12) Enterprise Edition is required to support more than 128 GB ram for the Database. For the Database to utilize all 128 GB ram the Database server must have more than 128 GB ram installed. F2 supports Transparent data encryption (TDE) with SQL Server 2019.	
.NET	4.5.x or newer	
Adobe PDF iFilter	11, 64 bit. Required for indexing and searching through PDF files. (Free download from Adobe)	
Microsoft Office Filter.	SP 2 Required for indexing and searching through MS Office and Outlook .msg files. A small range of OpenOffice files are also supported.	
Eml iFilter	cBrain provides software package and instructions.	
Windows Update	To highest patch level	

¹¹ Windows Server 2019 is planned for deprecation in the next major release

Antivirus exclusions on access scan	Exclusions on database log & data files and more as stated by Microsoft on https://support.microsoft.com/en-us/kb/309422/	
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Integration server		Verified by
Microsoft Windows Server	2019 ¹² , or 2022	
Internet browser		
<p>Minimum: Microsoft Internet Information Server</p> <p>Following roles and features need to be activated</p>	<p>8.0, enabled for ASP.NET 4.0</p> <ul style="list-style-type: none"> • IIS-WebServerRole • IIS-WebServer • IIS-CommonHttpFeatures • IIS-StaticContent • IIS-DefaultDocument • IIS-DirectoryBrowsing • IIS-HttpErrors • IIS-HttpRedirect • IIS-ApplicationDevelopment • IIS-NetFxExtensibility45 • IIS-ASPNET45 • IIS-ISAPIExtensions • IIS-ISAPIFilter • IIS-HealthAndDiagnostics • IIS-HttpLogging • IIS-Security • IIS-BasicAuthentication • IIS-WindowsAuthentication • IIS-RequestFiltering • IIS-IPSecurity • IIS-Performance • IIS-HttpCompressionStatic • IIS-HttpCompressionDynamic • IIS-WebServerManagementTools • IIS-ManagementConsole • WCF-Services45 • WCF-HTTP-Activation45 • NetFx4ServerFeatures • NetFx4 • NetFx4Extended-ASPNET45 • WAS-ProcessModel • WAS-WindowsActivationService • WAS-ConfigurationAPI 	
.NET	4.8 or newer AND .NET 8 Hosting Bundle	

¹² Windows Server 2019 is planned for deprecation in the next major release

Microsoft Office	<p>Microsoft Office 2016¹³ (Word, Excel, PowerPoint and Outlook).</p> <p>Only 32 bit supported.</p> <p>or</p> <p>Microsoft Office 2019¹⁴, 2021 or 2024 Professional Plus (Microsoft Office 365 E3, E5, Business or Microsoft 365 Apps for enterprise is NOT supported on integration server).</p> <p>32 or 64 bit installed on the server.</p> <p>Note: The version installed on the integration server must be same version or newer than installed on the clients.</p>	
Exchange Online (mailboxes in Microsoft Office 365 cloud) is supported	Any project with integration to Exchange Online needs to be done in collaboration with cBrain.	
Microsoft Visual C++	2015 Redistributable 32 bit and 64 bit.	
Microsoft Visual C++	2017 Redistributable 32 bit and 64 bit	
Microsoft Visual C++	2019 Redistributable 32 bit and 64 bit	
Windows update	To highest patch level	
Antivirus exclusions on access scan	<p>On F2 log files location (Default is F:\F2\Customer.Environment\Logs)</p> <p>On F2 Home files location (Default is E:\F2\Customer.Environment)</p>	

¹³ Microsoft Office 2016 is planned for deprecation in the next major release.

¹⁴ Microsoft Office 2019 is planned for deprecation in the next major release.

Windows PowerShell	5.1 or newer	
PowerShell (.NET Core)	7.2 or newer	

Mobile server		Verified by
Microsoft Windows Server	2019 ¹⁵ or 2022	
Internet browser		
<p>Minimum: Microsoft Internet Information Server</p> <p>Following roles and features need to be activated</p>	<p>8.0, enabled for ASP.NET 4.0</p> <ul style="list-style-type: none"> • IIS-WebServerRole • IIS-WebServer • IIS-CommonHttpFeatures • IIS-StaticContent • IIS-DefaultDocument • IIS-DirectoryBrowsing • IIS-HttpErrors • IIS-HttpRedirect • IIS-ApplicationDevelopment • IIS-NetFxExtensibility45 • IIS-ASPNET45 • IIS-ISAPIExtensions • IIS-ISAPIFilter • IIS-HealthAndDiagnostics • IIS-HttpLogging • IIS-Security • IIS-BasicAuthentication • IIS-WindowsAuthentication • IIS-RequestFiltering • IIS-IPSecurity • IIS-Performance • IIS-HttpCompressionStatic • IIS-HttpCompressionDynamic • IIS-WebServerManagementTools • IIS-ManagementConsole • WCF-Services45 • WCF-HTTP-Activation45 • NetFx4ServerFeatures • NetFx4 • NetFx4Extended-ASPNET45 • WAS-ProcessModel • WAS-WindowsActivationService • WAS-ConfigurationAPI 	
.NET	4.8 or newer AND .NET 8 Hosting Bundle	
Microsoft Visual C++	2015 Redistributable 32 bit and 64 bit	
Microsoft Visual C++	2017 Redistributable 32 bit and 64 bit	
Microsoft Visual C++	2019 Redistributable 32 bit and 64 bit	
Windows update	To highest patch level	

¹⁵ Windows Server 2019 is planned for deprecation in the next major release

Antivirus exclusions on access scan	<p>On F2 log files location (Default is F:\F2\Customer.Environment\ Logs)</p> <p>On F2 Home files location (Default is E:\F2\Customer.Environment)</p>	
Windows PowerShell	5.1 or newer	
PowerShell (.NET Core)	7.2 or newer	