



# **F2**

## F2 Software Requirements

Version 10

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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.

<b>Client</b>		Verified by
Operating system	Windows 10 or Windows 11	
Microsoft Office	Microsoft Office 2016 (Word, Excel, PowerPoint and Outlook). Only 32 bit supported  or  Microsoft Office 365 E3, E5, Business or Microsoft 365 Apps for enterprise <sup>1</sup> or Microsoft Office 2019 Professional Plus  32 or 64 bit installed on the PC  <b>Note:</b> cBrain cannot guarantee a seamless integration with the Microsoft Office suite if third party add-ins are installed.	
Adobe Reader	XI - DC	
Microsoft WebView2 <sup>2</sup>	x64 or x86	
.Net	4.8 or newer	

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<sup>1</sup> 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 21<sup>st</sup> 2020.

<sup>2</sup> <https://developer.microsoft.com/en-us/microsoft-edge/webview2/#download-section>

Antivirus exclusions on access scan	Roaming folders: %APPDATA%\cBrain\F2\Logfiles %APPDATA%\cBrain\F2\DataCache  Local folders: %LOCALAPPDATA%\cBrain\F2\Offline	
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### **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	<a href="http://w3schools.com/browsers/browsers_chrome.asp">http://w3schools.com/browsers/browsers_chrome.asp</a>
Mozilla Firefox, latest version	<a href="http://w3schools.com/browsers/browsers_firefox.asp">http://w3schools.com/browsers/browsers_firefox.asp</a>
Apple Safari for Mac, latest version (not on Windows PCs)	<a href="http://w3schools.com/browsers/browsers_safari.asp">http://w3schools.com/browsers/browsers_safari.asp</a>
Apple Safari for iOS, latest two versions	
Microsoft Edge, latest version	
Android, supported OS listed in Google Play store	<a href="https://play.google.com/store/apps/details?id=com.cbRAIN.f2touchapp">https://play.google.com/store/apps/details?id=com.cbRAIN.f2touchapp</a>
iPhone & iPad, latest two versions of iOS	<a href="https://apps.apple.com/dk/app/f2-touch/id623790616">https://apps.apple.com/dk/app/f2-touch/id623790616</a>

## F2 Manager

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

iPad, latest two versions of iOS	<a href="https://apps.apple.com/dk/app/f2-manager/id574409653">https://apps.apple.com/dk/app/f2-manager/id574409653</a>
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## F2 Self Service

F2 Self Service is supported on the following browsers:

Google Chrome, latest version	<a href="http://w3schools.com/browsers/browsers_chrome.asp">http://w3schools.com/browsers/browsers_chrome.asp</a>
Mozilla Firefox, latest version	<a href="http://w3schools.com/browsers/browsers_firefox.asp">http://w3schools.com/browsers/browsers_firefox.asp</a>
Apple Safari for Mac, latest version (not on Windows PCs)	<a href="http://w3schools.com/browsers/browsers_safari.asp">http://w3schools.com/browsers/browsers_safari.asp</a>

Apple Safari for iOS, latest two versions	
Microsoft Edge, latest version	

<b>Application server</b>		Verified by
Microsoft Windows Server	2016 or 2019	
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"> <li>• IIS-WebServerRole</li> <li>• IIS-WebServer</li> <li>• IIS-CommonHttpFeatures</li> <li>• IIS-StaticContent</li> <li>• IIS-DefaultDocument</li> <li>• IIS-DirectoryBrowsing</li> <li>• IIS-HttpErrors</li> <li>• IIS-HttpRedirect</li> <li>• IIS-ApplicationDevelopment</li> <li>• IIS-NetFxExtensibility45</li> <li>• IIS-ASPNET45</li> <li>• IIS-ISAPIExtensions</li> <li>• IIS-ISAPIFilter</li> <li>• IIS-HealthAndDiagnostics</li> <li>• IIS-HttpLogging</li> <li>• IIS-Security</li> <li>• IIS-BasicAuthentication</li> <li>• IIS-WindowsAuthentication</li> <li>• IIS-RequestFiltering</li> <li>• IIS-IPSecurity</li> <li>• IIS-Performance</li> <li>• IIS-HttpCompressionStatic</li> <li>• IIS-HttpCompressionDynamic</li> <li>• IIS-WebServerManagementTools</li> <li>• IIS-ManagementConsole</li> <li>• WCF-Services45</li> <li>• WCF-HTTP-Activation45</li> <li>• NetFx4ServerFeatures</li> <li>• NetFx4</li> <li>• NetFx4Extended-ASPNET45</li> <li>• WAS-ProcessModel</li> <li>• WAS-WindowsActivationService</li> <li>• WAS-ConfigurationAPI</li> </ul>	
.NET	4.8 or newer AND .NET 6 runtime <sup>3</sup>	

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<sup>3</sup> Install the ASP.NET Core Hosting Bundle available for download from <https://dotnet.microsoft.com/en-us/download/dotnet/6.0/runtime> (the "Download 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++	2010 Redistributable 32 bit and 64 bit	
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	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	



<b>Database server</b>		Verified by
Microsoft Windows Server	2016 or 2019 64 bit	
SQL Server	2016, 2017 or 2019 with Cumulative Update 9 Standard Edition: Latest service pack, within 1 year of its release  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	
Antivirus exclusions on access scan	Exclusions on database log & data files and more as stated by Microsoft on <a href="https://support.microsoft.com/en-us/kb/309422/">https://support.microsoft.com/en-us/kb/309422/</a>	

<b>Integration server</b>		Verified by
Microsoft Windows Server	2016 or 2019	
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"> <li>• IIS-WebServerRole</li> <li>• IIS-WebServer</li> <li>• IIS-CommonHttpFeatures</li> <li>• IIS-StaticContent</li> <li>• IIS-DefaultDocument</li> <li>• IIS-DirectoryBrowsing</li> <li>• IIS-HttpErrors</li> <li>• IIS-HttpRedirect</li> <li>• IIS-ApplicationDevelopment</li> <li>• IIS-NetFxExtensibility45</li> <li>• IIS-ASPNET45</li> <li>• IIS-ISAPIExtensions</li> <li>• IIS-ISAPIFilter</li> <li>• IIS-HealthAndDiagnostics</li> <li>• IIS-HttpLogging</li> <li>• IIS-Security</li> <li>• IIS-BasicAuthentication</li> <li>• IIS-WindowsAuthentication</li> <li>• IIS-RequestFiltering</li> <li>• IIS-IPSecurity</li> <li>• IIS-Performance</li> <li>• IIS-HttpCompressionStatic</li> <li>• IIS-HttpCompressionDynamic</li> <li>• IIS-WebServerManagementTools</li> <li>• IIS-ManagementConsole</li> <li>• WCF-Services45</li> <li>• WCF-HTTP-Activation45</li> <li>• NetFx4ServerFeatures</li> <li>• NetFx4</li> <li>• NetFx4Extended-ASPNET45</li> <li>• WAS-ProcessModel</li> <li>• WAS-WindowsActivationService</li> <li>• WAS-ConfigurationAPI</li> </ul>	
.NET	4.8 or newer AND .NET 6 runtime	

Microsoft Office	<p>Microsoft Office 2016 (Word, Excel, PowerPoint and Outlook).</p> <p>Only 32 bit supported.</p> <p>or</p> <p>Microsoft Office 2019 Professional Plus (Microsoft Office 365 E3, E5, Business or Microsoft 365 Apps for enterprise is <b>NOT</b> supported on integration server).</p> <p>32 or 64 bit installed on the server.</p> <p><b>Note:</b> 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++	2010 Redistributable 32 bit and 64 bit.	
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>	

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

<b>Mobile server</b>		Verified by
Microsoft Windows Server	2016 or 2019	
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"> <li>• IIS-WebServerRole</li> <li>• IIS-WebServer</li> <li>• IIS-CommonHttpFeatures</li> <li>• IIS-StaticContent</li> <li>• IIS-DefaultDocument</li> <li>• IIS-DirectoryBrowsing</li> <li>• IIS-HttpErrors</li> <li>• IIS-HttpRedirect</li> <li>• IIS-ApplicationDevelopment</li> <li>• IIS-NetFxExtensibility45</li> <li>• IIS-ASPNET45</li> <li>• IIS-ISAPIExtensions</li> <li>• IIS-ISAPIFilter</li> <li>• IIS-HealthAndDiagnostics</li> <li>• IIS-HttpLogging</li> <li>• IIS-Security</li> <li>• IIS-BasicAuthentication</li> <li>• IIS-WindowsAuthentication</li> <li>• IIS-RequestFiltering</li> <li>• IIS-IPSecurity</li> <li>• IIS-Performance</li> <li>• IIS-HttpCompressionStatic</li> <li>• IIS-HttpCompressionDynamic</li> <li>• IIS-WebServerManagementTools</li> <li>• IIS-ManagementConsole</li> <li>• WCF-Services45</li> <li>• WCF-HTTP-Activation45</li> <li>• NetFx4ServerFeatures</li> <li>• NetFx4</li> <li>• NetFx4Extended-ASPNET45</li> <li>• WAS-ProcessModel</li> <li>• WAS-WindowsActivationService</li> <li>• WAS-ConfigurationAPI</li> </ul>	
.NET	4.8 or newer AND .NET 6 runtime	
Microsoft Visual C++	2010 Redistributable 32 bit and 64 bit	
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	

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