


SOP ID: SOP.026-UD.FujiSynapseInstall		 Information Technology User's Document
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<h1>Fuji Synapse</h1> <h2>Software Client Installation</h2> <p>West Jeff Medical Center</p>		
Matthew Brophy Author:	Monday, March 04, 2013 Date Created:	

A. Purpose:

Instruct user on how to successfully setup and install Fuji Synapse Radiology Viewer software.

B. Assumptions and Prerequisites:

User has a WJMC Network account with Internet or Intranet access.

User workstation meets Fuji's system requirements:

Fuji Synapse is currently only compatible with Internet Explorer 7, 8, & 9 using:

- Windows XP (32-bit) with 4GB RAM
- Windows Vista (32-bit) with 4GB RAM
- Windows 7 (32-bit/64-bit) with 8GB of RAM

Internet Explorer must be set as the default Internet browser.

Apple-Macintosh PCs or devices are currently not supported.

Other internet browsers such as Chrome or Mozilla are currently not supported.

Please reference **page 6 of this document for a complete guide to system requirements.

User must be a Windows Local System Administrator in order to successful install this software.

C. Procedure:

Install Application (EXTERNAL)

1. If your workstation resides outside the WJMC hospital network (from home or at a Physician office), Navigate to url <https://pacsweb.wjmc.org/explore.asp?path=/>
** this link can also be accessed on <http://www.wjmc.org/> in the Physician section **
2. You will be directed to this splashpage. Click on the “Workstation Code Download” button

The page you have requested requires Synapse Workstation 4.0.0 or later to be installed.
Please click the logo below to download and install Synapse Workstation, and then return your link.
You must be a member of the local administrators group to install this package.

Synapse 4.0.0
Synapse Workstation version 4.1.000

FUJIFILM Medical Systems USA, Inc.



3. The client will begin downloading to your device.
4. When prompted with a file download, choose to RUN the file and allow the download to proceed.



5. Allow the workstation installer to finish by choosing “NEXT” within the install wizard where applicable.



6. With the client fully installed, you will see a SYNAPSE Icon on your desktop



Install Application (INTERNAL)

1. If your workstation resides inside the WJMC hospital network, Navigate to url <http://pacsweb/explore.asp?path=/>
** this link can also be accessed on <http://www.wjnet.org/> in the Tools section **
2. You will be directed to this splashpage. Click on the “Workstation Code Download” button

The page you have requested requires Synapse Workstation 4.0.0 or later to be installed.
Please click the logo below to download and install Synapse Workstation first, then return your link.
You must be a member of the local administrators group to install this package.

Synapse 4.0.0
Synapse Workstation version 4.1.000
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Configuring Fuji Synapse

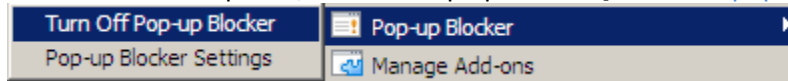
1. Once installed, right-click on the desktop icon 
2. Select "Properties"



3. Within the "Data Source Settings" tab in the Properties menu, toggle the "use encrypted connection" feature within the Communication Settings group.



4. Within Internet Explorer, Turn-off Pop up blocker [Tools > Pop up Blocker]




5. Within Internet Explorer, Add <https://pacsweb.wjmc.org> to your Trusted Sites

[Tools > Internet Options > Security > Trusted Sites]



Using Fuji Synapse

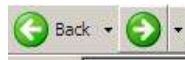
1. To begin using Fuji Synapse, double-click the desktop icon 
2. You will be prompted for a username and login to access the PacsWeb directory. The login credentials will be your WJMC Network account (what you use to log into a WJMC PC).
3. In the username field type your username and add “@wjmc.org” to identify the domain you are connecting to. Use your WJMC account password in the password section.



4. Once logged into Synapse, you will navigate through the application like any Windows browser.



5. You can use the forward or backward navigation buttons like you would in any browser.



6. F11 will create a full-screen view of the application (ESC to return to normal view or use the resizing icons in the upper-right hand corner of the screen).



Additional Fuji Reference Material

For more documentation on using Synapse or a more comprehensive look at the features available, please see <http://wjnet/fujiintro.aspx> located on WJNET under *Tools*



System Requirements Guide

9.3 Workstation OS and Internet Explorer Version Requirements for Synapse

Synapse supports the following combination of Windows OS and Internet Explorer. Those versions should be used for Synapse. Synapse may not work properly with other versions of OS or Internet Explorer. Please refer to the critical update policy section for the policy of Microsoft critical updates with Synapse.

9.3.1 Workstation Platform for the General Language Version of OS

1) Microsoft Windows XP Edition with SP2 or SP3

a) IE7.0 or IE 8.0

b) Standard VGA and PCIe video card compliant

Notes:

1. Professional, Home, and Tablet Editions have been verified.

2. Windows XP Home Edition does not have the ability to log on to a domain. The popup configuration of Internet Explorer needs to be used to log on to Synapse.

2) Microsoft Windows Vista Home Premium with SP1 or SP2, or Vista Business with SP1 or SP2

a) IE7.0 or IE8.0

b) Standard VGA and PCIe video card compliant.

Note: Home Premium Edition does not have the ability to log on to a domain. The popup configuration of Internet Explorer needs to be used to log on to Synapse.

3) Microsoft Windows 7 (32 bit or 64bit) with SP1 Ultimate, Professional and Home Premium

a) IE8.0

b) Standard VGA and PCIe video card compliant

Note: Home Premium Edition does not have the ability to log on to a domain. The popup configuration of Internet Explorer needs to be used to log on to Synapse.

Synapse On Windows 7 64-bit notes:

- Windows 7 64-bit runs explorer in 64bit
- The default Internet Explorer browser in Windows 7 64-bit is the Internet Explorer 32bit version
- Internet Explorer 64bit version is available on Windows 7 for manual launch
- Synapse will install both, 32-bit and 64-bit dlls
- Synapse launched in Internet Explorer (32 bit) will run as a 32 bit application
- Synapse launched in Internet Explorer (64 bit) will run as a 64 bit application
- Synapse launched in Explorer (64 bit) will run as a 64 bit application

For integrations:

- An integrated application that utilizes the same process (Explorer or Internet Explorer) must also be capable to support explorer (64-bit) and/or Internet Explorer (32 bit or 64bit), depending on how Synapse was launched.

9.3.2 Microsoft Critical Update Versions

1) The critical updates of OS are identified using Microsoft Product Update automated installation mechanism. All Critical Updates as specified in the release notes for above OS and IE are verified with this Synapse version. If later versions of Microsoft patches are required, please refer to the “Microsoft Critical Update Installation Policy” section of this document.

9.4.3 CPU Type Requirement for Synapse Workstation

1) Synapse workstation supports Intel-compatible 32 bit CPU and AMD Opteron processors. Key features that may be affected by the type of CPU are FCR/CT/MG and DX image processing and Lossy image de-compression.

2) Synapse workstation software is less sensitive to the type of the CPU as long as it is within the specification, CPU speed (because all timing is controlled by OS/IE and Synapse works under those controls), the PC vendor, or the number of CPUs.

9.4.4 Internet Cache Size Requirement for Synapse Workstation

1) Synapse workstation uses the Internet cache location for the temporary caching location of images.

2) If the cache is too small, images are always retrieved from the server even if it has been viewed recently. If the network is slow, this will have an impact on performance. No specific cache size requirements exist for Synapse workstation software.

3) If multiple people share the same workstation, the Internet cache may become full and cause an error. This is caused by limited disk space where Internet cache is located. Proper reconfiguration may be required.

9.4.5 Disk Requirement for Synapse Workstation

Synapse workstation does not have any specific requirements as to the size of disk or type of disk as long as it can hold the proper size virtual memory and Internet cache.

9.4.6 General Windows Color Video Display Mode Support

Synapse workstation supports the following Video Display Mode. Synapse Workstation does not work properly if display mode is different from the following:

- 1) Full color mode, both 24bits and 32bits

9.4.7 Special Grayscale Display Mode Support

Synapse workstation works on the special Video Display Mode, but there are the following limitations.

- 1) Static grayscale mode provided by Planer

Some icons or characters are not visible in this display mode. This might be noticed on the Help file or

icons originally designed for full color or pallet color mode.

- 2) Static grayscale mode provided by Fujifilm for SL-IC300.

Some icons or characters are not visible in this display mode. This might be noticed on the Help file or icons originally designed for full color or pallet color mode.

- 3) Other special video mode

If a special display card supported by another vendor is used with Synapse, the display mode may be different and the Synapse workstation may have some display issues. If these video cards are used with Synapse, additional hardware qualification tests as described in the Appendix of this document shall be performed before it is used in a live environment.

9.4.8 Video Display Card Support

Synapse does not have specific requirements for the video card as long as proper video mode is supported. Please refer to the off-the-shelf hardware selection policy section for video card selection and validation policy.

9.4.9 Multiple Heads Video Card Support

In general, Synapse works on multiple heads video cards, but some limitation may exist. Please refer to the off-the-shelf hardware selection policy section for video card selection and validation policy.

9.4.10 Display Format Support

1) Synapse supports following display formats for image display.

- a) 640 x 480 Landscape 1, 2 monitors
- b) 800 x 600 Landscape 1, 2 monitors
- c) 1024 x 768 Landscape 1, 2 monitors
- d) 1152 x 864 Landscape 1, 2 monitors
- e) 1280 x 1024 Landscape 1, 2 monitors
- f) 1600 x 1200 Landscape 1, 2 monitors
- g) 1200 x 1600 Portrait 1, 2, 4 monitors
- h) 2048 x 2560 Portrait 1, 2, 4 monitors
- i) 1536 x 2048 Portrait 1, 2, 4 monitors
- j) 2048 x 1536 Landscape 1, 2 monitors