

ADOBE® CREATIVE SUITE® 4 ENTERPRISE MANUAL DEPLOYMENT GUIDE

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Adobe® Creative Suite® 4 Enterprise Manual Deployment for Windows® and Mac OS

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Adobe® Creative Suite® 4 Enterprise Manual Deployment

The Adobe® Creative Suite® 4 enterprise manual deployment options let you configure and silently install or uninstall Creative Suite 4 editions and point products at an enterprise level. Only volume licenses are accepted to configure and silently install Creative Suite 4.

Deployment and installation options are configured by modifying or creating XML files that control the setup process. Installation can then run directly from a client computer, or from Microsoft® Systems Management Server (SMS) on Windows® or Apple Remote Desktop™ (ARD) on Mac OS®.

This workflow supports the following Creative Suite 4 editions and components:

- Adobe Creative Suite 4 Master Collection
- Adobe Creative Suite 4 Design Premium
- Adobe Creative Suite 4 Design Standard
- Adobe Creative Suite 4 Web Premium
- Adobe Creative Suite 4 Web Standard
- Flash® CS4 Professional
- Adobe® Premiere® Pro CS4
- Contribute® CS4
- Dreamweaver® CS4
- Illustrator® CS4
- InCopy® CS4
- InDesign® CS4
- After Effects® CS4
- Fireworks® CS4
- Soundbooth® CS4
- Photoshop® CS4 Extended
- Photoshop® CS4
- Adobe Creative Suite 4 Production Premium

You can control installation using the following Adobe enterprise deployment options:

- **Preserialization:** Add a volume serial number during the installation process.
- **Suppress user interface settings:** Disable one or more of the following options from displaying or running after installation: end-user license agreement (EULA), registration, and automatic updates (Adobe Update Manager). By default, these options are enabled.
- **Component selection:** Configure deployment files to install only specific Creative Suite 4 components. By default, the complete suite and all the point products are installed.
- **Silent install and uninstall:** Create the deployment files for silent installation or uninstallation.

Create a single installer

If the installer spans in multiple discs, create a single installer.

- 1 Create a folder on your hard disk.
- 2 Insert Disc 1, and copy all the contents of Disc 1 into the folder that you created.
- 3 Insert Disc 2, open the Payloads folder, and copy all its content.
- 4 Open the Payloads folder of the folder on your hard disk, and paste the copied content. If you get a message to overwrite the existing files, click Yes.
- 5 Open the Extension folder of Disc 2, if it exists, and copy all its content.
- 6 Open the Extension folder of the folder on your hard disk, and paste the copied content. If you get a message to overwrite the existing files, click Yes.
- 7 Repeat steps 3–6 for the remaining discs.

The new folder on your hard disk is the single installer and is used to create a package.

Choose Creative Suite 4 components for installation and uninstallation

The record mode automates the creation of the install.xml and remove.xml files that allows selection of Creative Suite 4 components. To record the installation options, run one of the following commands:

- On Windows
`<setup.exe path in quotes> --record=1`
- On Mac
`sudo <setup.app path in quotes>/Contents/MacOS/Setup --record=1`

This command launches the installer and displays the installation options. Enter the serial number, select the products to install, and select the installation location (see [“Shared technology installers” on page 14](#)). Click the Install button to save the installation options and create the installation XML files. The following two files are created:

- Adobe Creative Suite 4 <Product Name>.install.xml
- Adobe Creative Suite 4 <Product Name>.remove.xml

Note: If you create the XML files in Microsoft Vista and use these files to deploy Creative Suite 4 on Microsoft XP, the shortcut to Creative Suite 4 in the Start menu is not added.

The default location of these files is [System Drive]:\Program Files\Common Files\Adobe\Installers\ (Windows) and /Library/Application Support/Adobe/Installers/ (Mac). Rename the files to install.xml and remove.xml, and copy to the Creative Suite 4 product setup directory. The setup directory is the root directory of the installer.

Note: If you edit and save the XML file, ensure that you save it in the UTF-8 encoding format.

Suppression settings

To deploy Creative Suite 4 editions and components with suppressed user interface settings, first create an application override file (application.xml.override) that contains the appropriate XML script. Then place the file in the driver payload folder. A driver payload folder contains a set of files used by the installation program for customizing an installation.

Before creating the application override file, identify the driver payload folder by opening the Setup.xml file and locating the element that contains the folder name.

Identify the driver payload folder

- 1 Open the installation folder.

Note: An installation folder contains the setup program (Setup.exe or Setup.app).

- 2 Open the Payloads folder.
- 3 To identify which folder in the Payloads folder is the driver payload folder, open the Setup.xml file in a text editor.
- 4 Locate the following line:
`<Driver folder="driver payload folder"/>`
- 5 Note the driver payload folder name to save the application.xml.override file.

Create the application.xml.override file

- 1 Open a text editor.
- 2 Type the following XML script:

```
<?xml version="1.0" encoding="utf-8"?>
<Configuration>
  <Payload>
    <Data key="Registration">Suppress</Data>
    <Data key="EULA">-1</Data>
    <Data key="Updates">Suppress</Data>
  </Payload>
</Configuration>
```

Note: Straight quotation marks are required.

- 3 Between <Payload> and </Payload>, delete any of the following data keys to prevent suppression:

User interface registration prompts:

```
<Data key="Registration">Suppress</Data>
```

EULA:

```
<Data key="EULA">Suppress</Data>
```

Automatic updates:

```
<Data key="Updates">Suppress</Data>
```

When automatic updates are suppressed, the Updates command in the Help menu is disabled on client machines and the Adobe Update Manager does not run.

Save the application.xml.override.xml file

- 1 Choose File > Save, and navigate to the driver payload folder.
- 2 Save the file as application.xml.override.

Note: The override file cannot have a hidden extension.

In the driver payload folder window, verify that the file has the correct filename and extension.

Disable Adobe Product Improvement Program

On Windows, set a registry entry with help of a .reg file:

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Adobe\APIP] "enabled"=dword:00000000
```

On Mac, set a plist value in a shell script:

```
defaults write /Library/Preferences/com.adobe.headlights.APIP Enabled -int 0
```

Automatic updates for Acrobat 9

The installer does not contain a method to suppress updates for Acrobat® 9. However, you can write a custom script to suppress updates for Acrobat 9 by altering the following registry key at the completion of the installation:

```
HKEY_LOCAL_MACHINE\Software\Policies\Adobe\Adobe Acrobat\9.0\FeatureLockdown\bUpdater  
REG_DWORD 0
```

Silent install or uninstall

Before installing or removing, ensure that the following criteria are met:

- Client machines meet system requirements. Adobe Setup checks system requirements to validate the client operating system, processor speed, system memory, and disk space. To check the system requirements of a product, read its ReadMe file, which is available in the product folder.
- Previously installed duplicate versions of Creative Suite 4 editions and components are removed. Alternatively, omit duplicate components from the install.xml file. If Acrobat 9 is installed as part of Creative Suite 3.3, use the Acrobat uninstaller. Remove trial and beta versions of Creative Suite 4 components. In Windows, you can remove the trial and beta versions using the Add Or Remove Programs option. In Mac®, you can uninstall from the component folder in the /Applications folder. Restart client computers after removing components.
- All the applications on the client machines are closed. To avoid a failed installation, ensure that all web browser windows and any Adobe, Microsoft, or instant-messaging applications are closed on all client machines. You can bypass the process checking mechanism by using the skipProcessCheck switch. If you use this switch and conflicting processes are running at installation time, some products may not launch or install properly.

Note: If install.xml and remove.xml are named Deployment.xml and Uninstall.xml, and are located in the Creative Suite 4 product setup folder, to silently install or uninstall Creative Suite 4, run setup.exe (Windows) or setup.app (Mac) from the command prompt without specifying the deployment file. Specify the install and uninstall XML files. On Mac, it is not necessary to use quotes around the path if you use escape characters.

To silently install or uninstall Creative Suite 4, run one of the following command:

- On Windows


```
<setup.exe path in quotes> --mode=silent --deploymentFile=<install.xml or remove.xml path in quotes>
```
- On Mac


```
sudo "<setup.app path>/Contents/MacOS/Setup" --mode=silent --deploymentFile=<install.xml or remove.xml path in quotes>
```

You can execute these commands from ARD and SMS.

Exit codes and log files

The setup of silent installation or uninstallation provides two ways to validate the installation procedure: exit codes and log files.

Exit codes

When setup is complete, the command line displays the message End Adobe Setup and an exit code.

The following list describes exit codes:

Exit code	Description
0	No errors encountered
1	Unable to parse command line
2	Unknown user interface mode specified
6	Silent workflow completed with errors
7	Unable to complete the silent workflow
8	Exit with restart needed
9	Unsupported operating system
10	Unsupported file system
11	Another instance of setup is running
12	CAPS integrity error
13	Media optimization failed
14	Insufficient credentials

Log files

The installation log files are created on each client machine during installation. These files help in troubleshooting any failure. You can find the log files at the following locations:

- Windows: [system drive]\Program Files\Common Files\Adobe\Installers folder
- Mac: /Library/Logs/Adobe/Installers folder

Deploy Creative Suite 4 using Apple Remote Desktop

You can copy the install files to each client machine using ARD and access the installation files locally. You can also create a network volume and run the installer from a mounted network volume. Note the following restrictions:

- The permissions on the volume must allow a root process on the client to read.
- The volume must be mounted using the Apple Filing Protocol (AFP). Server Message Block protocol (SMB) or Network File System protocol (NFS) do not work.
- If the product installer is available as a disc image, the client can mount the disc image from any local or network source and run the installer from the mounted image.
- If a product has multiple disc images, all disc images must be mounted before running the installation. Silent mode cannot prompt for disc swaps.

Before deploying Creative Suite 4 using ARD, ensure that ARD is enabled on all the client machines. To enable ARD on client machines, select Remote Desktop or Remote Management on the System Preferences > Sharing dialog box. Use the Apple's Upgrade Client software feature of ARD to upgrade all targeted clients. Verify that the installation XML files exist, and you have noted the path of the installation folder (Creative Suite 4).

Copy the install files using ARD

- 1 Open ARD.
- 2 Select a Computer list, and verify the target clients in the Detailed view.
- 3 Click Copy.
- 4 In the Copy Items screen, select Set Item Ownership To in the Inherit From Destination Folder field.
- 5 In the Items To Copy list, navigate to and open the Creative Suite 4 folder, and click Copy.

Run the install or uninstall command

Installation is run on the client machine from the executable program that is located in the Setup.app application package.

- 1 In ARD, click the UNIX icon.
- 2 Enter the following UNIX® command:

```
<Path to installation folder>/Setup.app/Contents/MacOS/Setup --mode=silent --  
deploymentFile=<Path to install.xml or remove.xml>
```
- 3 In the Run Command As area, select User, and type root.
- 4 To schedule the task at a later time, click Schedule Task, and enter a time and date. If you schedule installation, ensure that all the clients are active to receive the command.
- 5 Click OK, and then click Send.

The Send UNIX Command dialog box displays the status of installation or uninstallation. When installation finishes, the End Adobe Setup message is displayed with an exit code.

Deploy Creative Suite 4 using Microsoft Systems Management Server

To deploy Creative Suite 4 using SMS, first create an SMS package and configure a distribution point. Then create the install and uninstall programs, and advertise the program to inform the clients about the installation. After SMS is configured, you can copy the Creative Suite 4 installer to client computers without user interaction.

Before deploying Creative Suite 4 using SMS, ensure that the following is done:

- Administrative permissions are obtained on all the target client machines.
- SMS is properly configured on the client machines.

Create an SMS package

The SMS package contains the installation files, distribution point, programs used to install and uninstall Creative Suite 4, and instructions that SMS uses to advertise the installation.

- 1 Open the SMS console.
- 2 In the console tree, right-click Packages, click New, and then click Package.
- 3 In the General tab, enter the package name and other optional information.
- 4 In the Package Properties dialog box, click the Data Source tab, and select This Package Contains Source Files.
- 5 In the Source directory, click Set.
- 6 In the Set Source Directory dialog box, in the Source directory, select Network Path (UNC), and enter the path to the installation folder, such as \\servername\sharename\path\Adobe CS4. Click OK.

- 7 In the Package Properties dialog box, click the Data Access tab, and ensure that Access Distribution Folder Through Common SMS Package Share is selected. Click OK.

Create a distribution point

SMS copies the package to the new distribution point.

- 1 In the SMS console, expand Packages in the console tree, and then expand the new Adobe package.
- 2 Right-click Distribution Points, click New, and then click Distribution Points.
- 3 In the New Distribution Points Wizard, assign the package to the desired distribution points.
- 4 Click Finish.

Create the install and uninstall programs

- 1 In the SMS console, expand Packages, and then expand the new Adobe package.
- 2 Right-click Programs, click New, and then click Program.
- 3 On the General tab, enter the program name, and in the command line, enter the following command:

```
setup.exe --mode=silent --deploymentFile=<install.xml or remove.xml path in quotes> --skipProcessCheck=1
```

Note: Use the `skipProcessCheck` option to ignore checking the processes running at the client machine that conflict with the Creative Suite 4 installation (see [“Conflicting processes” on page 8](#)).

- 4 On the Environment tab, from the menu, select Whether Or Not A User Is Logged On from the menu. Click OK. Ensure that the setup.exe file is present in the root folder specified in the source directory of the package.

Note: It is recommended that the Creative Suite 4 installer is kept at the distribution point. If the Creative Suite 4 installer is present at a network shared location, installation is not silent.

Advertise the program

- 1 In the SMS console, expand Packages.
- 2 Right-click the Adobe package, click All Tasks, and then click Distribute Software.
- 3 On the Distribution Points page, verify the distribution point, and click Next.
- 4 On the Advertise A Program page, ensure that Yes is selected, and then click Next.
- 5 On the Select A Program To Advertise page, ensure that Install is selected, and then click Next.
- 6 On the Advertisement Target page, click Browse to locate the collection to advertise, for example, All Windows XP Systems, and click Next.
- 7 On the Advertisement Name page, enter a name for the advertisement and any desired comments.
- 8 Select other advertisement options, such as Advertisement Schedule and Assign Program, and click Finish.

When the package is advertised, a notification is displayed on the Windows toolbar of the client machine indicating that a program is scheduled to run. If the installation is optional, clients can choose to install the package on the Add New Programs tab of the Add Or Remove Programs dialog box.

References

Conflicting processes

Close the conflicting processes before installation or uninstallation.

Product name	Conflicting processes
Adobe Acrobat 9 Pro	Windows 32-/64-bit Adobe Acrobat, Distiller®, formdesigner.exe, TrustedInstaller.exe, EditPlus, adobe *acrobat.*, Microsoft Excel, Microsoft Outlook, Microsoft Access, Microsoft Publisher, Microsoft PowerPoint, nlnotes*.exe, Microsoft Visio, visio32.exe, winproj.exe, WinWord, MSN Messenger Mac OS X Reader®, Adobe Acrobat Pro, Microsoft Excel, Microsoft Outlook, Microsoft Word, acrobat.*, Distiller
After Effects® CS4	Windows 32-/64-bit Adobe® SING Glyphlet Manager CS3, Glyphlet Manager, Adobe® Audition®, Soundbooth® CS3, GoLive, afterfx.exe, pipltool.exe, resttool.exe, Shell, Adobe Update Manager, Adobe Updater, Adobe Updater Install Manager, Adobe® DNG Converter, Adobe® Bridge CS3, bridgeproxy.exe, Adobe Photo Downloader, Contribute®, Adobe® Device Central, Dreamweaver®, Encore®, Photoshop®, Photoshop Elements, Photoshop Server, pxhpinst.exe, ExtendScript Toolkit, Adobe® Extension Manager, replace.exe, Adobe Crash Reporter App, Fireworks®, Flash®, Flash® Player, Flash® Video Encoder 7/8, ahv.exe, Illustrator®, InCopy®, InDesign®, pmreaderapp.exe, Adobe® Premiere® Pro, Adobe® Premiere® Elements, wmencodinghelper.exe, Adobe® Stock Photos CS3, vcprefshelper.exe, versioncues3ct1.exe, InDesign Server, InDesign Server Service, Phototshop® Elements 4.0/5.0, Phototshop Elements Editor, Photoshop Elements Organizer, ImageReady®, Adobe® Encore® DVD Mac OS X Soundbooth, Adobe SING Glyphlet Manager CS3, Soundbooth Beta, Soundbooth CS3, Photoshop CS*, After Effects®, Adobe Help Viewer®, ImageReady®, Photoshop Elements®, Adobe Resource Synchronizer, GoLive®, Adobe Updater®, Adobe Bridge CS2/CS3, Adobe Bridge, Adobe Crash Reporter, Adobe Photo Downloader, Adobe DNG Converter, Shell, Contribute, ffextnforcontribute3.exe, Adobe Device Central, Dreamweaver, Encore®, Adobe Encore DVD, Photoshop Server, ExtendScript Toolkit®, Adobe Extension Manager, Fireworks®, Flash CS3, Flash, Flash Player®, install flash player 9 ub, Flash *Video Encoder, Illustrator®, InCopy CS*, InDesign CS*, InDesign Server, vcprefshelper.exe, versioncues3ctl.exe, Adobe Audition, Adobe Premiere®
Adobe Media Player	Windows 32-/64-bit Adobe® Media Player Mac OS X Adobe Media Player
Adobe Update Manager	Adobe Updater, Adobe Updater Installer Manager

Product name	Conflicting processes
Adobe Bridge CS4	Windows 32-/64-bit ahv.exe, bridge.exe, bridgeproxy.exe, Adobe DNG Converter, Adobe Photo Downloader, Adobe 3 DAND Video Server
Photoshop Camera Raw	Windows 32-/64-bit afterfx.exe, Adobe DNG Converter, Adobe Bridge, Adobe Photo Downloader, Photoshop Mac OS X Photoshop CS4, After Effects, After Effects CS4, Photoshop Elements, Adobe Bridge CS4, Adobe DNG Converter, Adobe Photo Downloader
Adobe Color Common Set CYMK	Windows 32-/64-bit firefox.exe, Adobe SING Glyphlet Manager CS3, Glyphlet Manager, Adobe Audition, Soundbooth CS3/CS4, GoLive, afterfx.exe, Shell, Adobe Update Manager, Adobe Updater, adobeupdater.exe, Adobe Update Install Manager, Adobe Updater Install Manager, Adobe DNG Converter, Adobe Bridge, bridgeproxy.exe, Contribute, Adobe Device Central, Dreamweaver, Encore*, encore*.exe, ExtendScript Toolkit*, Adobe Extension Manager, Adobe Crash Reporter App, Fireworks, Flash, Flash Player, Flash 7/8 Video Encoder, Flash Video Encoder, acrobat.exe, Illustrator, InCopy, InDesign, Photoshop, Adobe Premiere Pro, premiere.exe, Adobe Premiere Elements, Adobe Stock Photos CS3, InDesign Server, InDesign Server Service, Photoshop Elements 4.0/5.0, Photoshop Elements Organizer, Photoshop Elements Editor, Adobe Premiere Elements, ImageReady, Adobe Encore DVD, Adobe® OnLocation™, Adobe Extension Manager CS4, acrobat.exe, fireworks10.exe, acrobat.com.exe, robohtml.exe, RoboHelp®, FrameMaker®, Captivate®, rso3middletierservice.exe, rso3server.exe, 3d toolkit.exe Mac OS X Firefox, Soundbooth, Adobe SING Glyphlet Manager CS3, Soundbooth Beta, Soundbooth CS3/CS4, Photoshop CS*, After Effects*, Adobe Help Viewer*, ImageReady*, Photoshop Elements*, GoLive*, Adobe Updater*, Adobe Bridge CS2/CS3, Adobe Bridge, Adobe Crash Reporter App, Shell, Contribute, ffxtnforcontribute3, Adobe Device Central, Dreamweaver, Encore*, Adobe Encore DVD, ExtendScript Toolkit*, Adobe Extension Manager, Fireworks*, Flash CS3, Flash, Flash Player*, install flash player 9 ub, Flash® CS3 Video Encoder, Illustrator*, InCopy CS*, InDesign CS*, InCopy CS*, InDesign CS*, InDesign Server, Adobe Audition, Adobe Premiere*, Adobe Acrobat*, Distiller*, Adobe OnLocation, Adobe Bridge CS4, Adobe Media Player, Adobe Drive CS4, Adobe Media Player
Adobe Color Common Set RGB	Windows 32-/64-bit and Mac OS X Mozilla Firefox
Adobe Color EU Extra Settings CS4	Windows 32-/64-bit and Mac OS X Mozilla Firefox
Adobe Color EU Recommended Settings CS4	Windows 32-/64-bit and Mac OS X Mozilla Firefox
Adobe Color JA Extra Settings CS4	Windows 32-/64-bit and Mac OS X Mozilla Firefox
Adobe Color JA Recommended Settings CS4	Windows 32-/64-bit and Mac OS X Mozilla Firefox

Product name	Conflicting processes
Adobe Color NA Extra Settings CS4	Windows 32-/64-bit and Mac OS X Mozilla Firefox
Adobe Color NA Recommended Settings CS4	Windows 32-/64-bit and Mac OS X Mozilla Firefox
Adobe Color - Photoshop Specific CS4	Windows 32-/64-bit and Mac OS X Mozilla Firefox
Contribute CS4	Windows 32-/64-bit Contribute, Mozilla Firefox, Internet Explorer, WinWord, Microsoft Outlook, Microsoft Excel Mac OS X Contribute, ffextnforcontribute4, Safari*, Mozilla Firefox, firefox-bin
Adobe Device Central	Windows 32-/64-bit and Mac OS X Adobe Device Central
Dreamweaver CS4	Windows 32-/64-bit and Mac OS X dreamweaver.exe
Adobe Drive CS4	Windows 32-/64-bit and Mac OS X Adobe Drive CS4
Adobe Dynamic Link Support	Windows 32-/64-bit and Mac OS X Adobe Dynamic Link Manager, Process Coordination Server
Encore CS4	Windows 32-/64-bit Adobe SING Glyphlet Manager CS3, Glyphlet Manager, Adobe Audition, Soundbooth CS3, GoLive, ahv.exe, afterfx.exe, pipitool.exe, restool.exe, Shell, Adobe Update Manager, Adobe Updater, Adobe Update Installer, Adobe DNG Converter, Adobe Bridge, bridgeproxy.exe, Adobe Photo Downloader, Contribute, Adobe Device Central, Dreamweaver, Encore, Photoshop Server, pxhpinst.exe, ExtendScript Toolkit, Adobe Extension Manager, replace.exe, Adobe Crash Reporter App, Fireworks, Flash, Flash Player, Flash 7/8 Video Encoder, Flash Video Encoder, Illustrator, InCopy, InDesign, pmreaderapp.exe, Photoshop CS*, Adobe Premiere Pro, premiere.exe, Encore CS4, Adobe Premiere Elements, wmencodinghelper.exe, vcprefshelper.exe, Adobe Stock Photos, versioncues3Ctl.exe, InDesign Server, InDesign Server Service, Photoshop Elements 4.0/5.0, Photoshop Elements Organizer, Photoshop Elements Editor, ImageReady, Adobe Encore DVD Mac OS X Soundbooth, Adobe SING Glyphlet Manager CS3, Soundbooth Beta/CS3, After Effects, Adobe Help Viewer, ImageReady, Photoshop Elements, Adobe Resource Synchronizer, GoLive, Adobe Updater, Adobe Bridge CS2/CS3, Adobe Bridge, Adobe Crash Reporter App, Adobe Photo Downloader, Adobe DNG Converter, Shell, Contribute, ffextnforcontribute3.exe, Adobe Device Central, Dreamweaver, Encore, Adobe Encore DVD, Photoshop Server, ExtendScript Toolkit, Adobe Extension Manager, Fireworks, Flash CS3, Flash, Flash Player, install flash player 9 ub, Flash Video Encoder, Illustrator, InDesign CS*, InDesign Server, vcprefshelper, versioncues3ctl, Adobe Audition, Adobe Premiere

Product name	Conflicting processes
ExtendScript Toolkit CS4	Windows 32-/64-bit and Mac OS X ExtendScript Toolkit, ExtendScript Toolkit 2, ExtendScript Toolkit
Adobe Extension Manager CS4	Windows 32-/64-bit Adobe Extension Manager CS4 Mac OS X Adobe Extension Manager CS4
Fireworks CS4	Windows 32-/64-bit afterfx.exe, pipitool.exe, restool.exe, Shell, replace.exe, Adobe Crash Reporter, Fireworks 10, pmreaderapp.exe, wmencodinghelper.exe Mac OS X Adobe Crash Reporter, Shell, Fireworks*
Flash CS4	Windows 32-/64-bit Adobe Update Manager, Adobe Updater, Adobe Update Install Manager, Adobe Bridge CS3, Adobe Bridge Proxy, Adobe Device Central, ExtendScript Toolkit, Adobe Extension Manager, Flash CS3/CS4/CS5, Flash Player, Flash Player 9 ub, Flash 7/8 Video Encoder, Flash Video Encoder, Internet Explorer, Mozilla Firefox, Netscape, mozilla.exe, yahoo~1.exe, Yahoo Messenger, Safari, Opera Mac OS X Adobe Updater, Adobe Bridge CS2/CS3, Adobe Bridge, Adobe Device Central, ExtendScript Toolkit, Flash CS3/CS4/CS5, Flash Player, Flash Player 9 ub, Flash 7/8 Video Encoder, Flash Video Encoder, Mozilla Firefox, firefox-bin, Netscape, Safari, Opera, Internet Explorer
Flash Player 10 Plugin	Windows 32-/64-bit getflash.exe, firefox.exe, opera.exe, netscape.exe, netscp.exe, seamonkey.exe, navigator.exe, safari.exe
Illustrator CS4	Windows 32-/64-bit Adobe Crash Reporter App, Illustrator
InDesign CS4	Windows 32-/64-bit InDesign, InCopy, InDesign Server, InDesign Server Service, Adobe Crash Reporter App, pmreaderapp.exe Mac OS X InCopy CS*, InCopy CS*, InDesign CS*, InDesign Server, Adobe Crash Reporter App
Adobe Creative Suite 4 Master Collection	Windows 32-/64-bit Adobe Acrobat, Distiller, Microsoft Excel, Microsoft Outlook, Microsoft Access, Microsoft Publisher, Microsoft PowerPoint, pdfmaec.exe, Microsoft Visio, winproj.exe, WinWord, Adobe Media Player Mac OS X Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Reader, Adobe Acrobat * Pro, Distiller

Product name	Conflicting processes
Adobe OnLocation CS4	Windows 32-/64-bit Shell, Adobe Update Manager, Adobe Updater, Adobe Update Install Manager, Adobe Crash Reporter App, Adobe OnLocation Mac OS X Adobe Updater, Adobe Crash Reporter App, Adobe OnLocation
Adobe Output Module	Windows 32-/64-bit and Mac OS X Adobe Bridge CS2/CS3/CS4, Bridge Proxy
Photoshop CS4	Windows 32-/64-bit and Mac OS X Photoshop CS*
Adobe Premiere Pro CS4	Windows 32-/64-bit Adobe SING Glyphlet Manager CS3, Glyphlet Manager CS3, Adobe Audition, Soundbooth CS3, GoLive, ahv.exe, afterfx.exe, pipitool.exe, restool.exe, Shell, Adobe Update Manager, Adobe Updater, Adobe Update Install Manager, Adobe DNG Converter, Adobe Bridge, Bridge Proxy, Adobe Photo Downloader, Contribute, Adobe Device Central, Dreamweaver, Encore, Photoshop Server, pxhpinst.exe, ExtendScript Toolkit, Adobe Extension Manager, replace.exe, Adobe Crash Reporter App, Fireworks, Flash CS3, Flash Player, Flash Player 7/8 Video Encoder, Flash Player Video Encoder, Illustrator, InCopy, InDesign, pmreaderapp.exe, Photoshop, Adobe Premiere Pro, Adobe Premiere, premiere.exe, Adobe Premiere Elements, Adobe Premiere Pro CS4, wmencodinghelper.exe, Adobe Stock Photos CS3, vcprefshelper.exe, versioncuecs3ct1.exe, InDesign Server, InDesign Server Service, Photoshop Elements 4.0/5.0, Photoshop Elements Organizer, Photoshop Elements Editor, ImageReady, Adobe Encore DVD Mac OS X Soundbooth, Adobe SING Glyphlet Manager CS3, Soundbooth Beta, Soundbooth CS3, Photoshop CS3, After Effects, Adobe Help Viewer, ImageReady, Photoshop Elements, Adobe Resource Synchronizer, GoLive, Adobe Updater, Adobe Bridge, Adobe Crash Reporter, Adobe Photo Downloader, Adobe DNG Converter, Shell, Contribute, ffextnforcontribute3.exe, Adobe Device Central, Dreamweaver, Encore, Adobe Encore DVD, Photoshop Server, ExtendScript Toolkit, Adobe Extension Manager, Fireworks, Flash CS3, Flash Player, install flash player 9 ub, Flash Player Video Encoder, Illustrator, InCopy CS*, InDesign CS*, InDesign Server, vcprefshelper.exe, versioncuecs3ct1.exe, Adobe Audition, Adobe Premiere

Product name	Conflicting processes
Soundbooth CS4	Windows 32-/64-bit Adobe SING Glyphlet Manager CS3, Soundbooth CS3/CS4, Glyphlet Manager CS3, Adobe Audition, GoLive, ahv.exe, afterfx.exe, pipltool.exe, restool.exe, Adobe Update Manager, Adobe Updater, Adobe Update Install Manager, Adobe DNG Converter, Adobe Bridge CS2/CS3, Adobe Photo Downloader, Contribute, Adobe Device Central, Dreamweaver, Encore, Photoshop Server, pxhpinst.exe, ExtendScript Toolkit, Adobe Extension Manager, replace.exe, Adobe Crash Reporter App, Fireworks, Flash CS3, Flash Player, Flash Player 7/8 Video Encoder, Flash Player Video Encoder, ahv.exe, Illustrator, InCopy, InDesign, pmreaderapp.exe, Photoshop, Adobe Premiere Pro, Adobe Premiere, Soundbooth CS4, premiere.exe, Adobe Premiere Elements, wmencodinghelper.exe, Adobe Stock Photos CS3, vcprefshelper.exe, versioncues3ct1.exe, InDesign Server, InDesign Server Service, Opera, Photoshop Elements 4.0/5.0, Photoshop Elements Organizer, Photoshop Elements Editor, ImageReady, Adobe Encore DVD Mac OS X Soundbooth CS3/CS4, Adobe SING Glyphlet Manager CS4, Soundbooth Beta, After Effects, Adobe Help Viewer, ImageReady, Adobe Resource Synchronizer, GoLive, Adobe Updater, Adobe Bridge CS2/CS3, Adobe Crash Reporter App, Opera, Internet Explorer, Adobe Photo Downloader, Adobe DNG Converter, Shell, Contribute, ffxtnforcontribute3.exe, Adobe Device Central, Dreamweaver, Encore, Adobe Encore DVD, Photoshop Server, ExtendScript Toolkit, Adobe Extension Manager, Fireworks, Flash CS3, Flash Player, install flash player 9 ub, Flash Player Video Encoder, Illustrator, InCopy CS*, InDesign CS*, InCopy CS*, InDesign CS*, InDesign Server, vcprefshelper.exe, versioncues3ctl.exe, Adobe Audition, Adobe Premiere
Adobe Version Cue® CS4 Server	Windows 32-/64-bit and Mac OS X vcprefshelper.exe, versioncues3ct1.exe
Adobe Color Video Profiles AE CS4	Windows 32-/64-bit and Mac OS X Mozilla Firefox
Adobe Color Video Profiles CS CS4	Windows 32-/64-bit and Mac OS X Mozilla Firefox
Adobe Media Encoder CS4	Windows 32-/64-bit Adobe Media Encoder Mac OS X Adobe Media Encoder CS4
Flash Player 10	Windows 32-/64-bit and Mac OS X trustedinstaller.exe, EditPlus, firefox-bin, navigator-bin, Safari, Opera, seamonkey-bin

Shared technology installers

Each installer contains some subinstaller that installs shared and supporting components. The shared and supporting components can be required or recommended. Required components are selected by default. Recommended components are optional to install.

Component	Description
AIR 1.1 Runtime	Runtime environment for Adobe AIR™ version 1.1
Acrobat.com	AIR application for acrobat.com
Adobe Media Player	AMP product
Adobe Drive	Adobe Drive product
Adobe Media Encoder	AME product
Adobe Output Module	Export format utility
Adobe Bridge	Bridge product
CSXS Connect	Used to provide an in-application connection to Acrobat ConnectNow
CSXS HelpSearch	Needed to provide help to users in the application context for many applications
CSXS Kuler™	Kuler extension
Color CommonSet CMYK	Color profiles for CMYK color spaces
Color CommonSet RGB	Color profiles for RGB color spaces
Color Video Profiles AE	Color profiles for After Effects
Color Video Profiles CS	Other video-oriented color profiles
Creative Services Infrastructure	A mandatory component for CSXS and Adobe Drive that runs as background process. It is started on demand and shuts down automatically if it is not required
Adobe Device Central	Production and emulation of content for mobile phones and consumer electronic devices
ExtendScript ToolKit	Development and debugging tool for JavaScript scripts included with Adobe Creative Suites and applications, such as Bridge, Photoshop, Illustrator, InDesign, and After Effects. It is easier to use, and includes a built-in syntax checker that identifies the problem areas in your script and suggests a solution. It has the ability to run your scripts without saving the file
Adobe Extension Manager	Extension Manager product, used to manage extensions/plugins/settings across most CS applications. It is needed to support third-party extensions and CSXS extensions for Illustrator, InDesign, InCopy, Dreamweaver, Flash, Contribute, Fireworks, Photoshop, and Adobe Bridge
Flash Player Plug-in	Browser plug-in for executing SWFs
Pixel Bender™	Image processing toolkit
ALM Anchor Service	Licensing implementation, required for all point products to activate properly

Component	Description
Smart Independent Glyphets (SING)	Installs SING and TIN libraries in [AdobeCommon]\SING\Mark II. Adobe SING Glyphet Manager, InDesign, and InCopy share the SING library. The SING library is responsible for tracking glyphs into and out of the system. InDesign and InCopy call the TIN library and it is responsible for adding glyphs to the parent fonts. SING is a required component for InDesign and InCopy in all languages to open and modify the documents that have embedded glyphs
Adobe SING Glyphet Manager	Installed only with Traditional Chinese, Simplified Chinese, Japanese, and Korean versions of InDesign. It is the application to enable viewing characters of these languages
AUM	Update manager
Adobe Utilities	Collection of files necessary for the ExtendScript Toolkit and AUM, including determining correct language
Asset Services	Runs as a background process and generates thumbnail and extracts metadata for Version Cue Server
CMaps	Character mapping tables, necessary for correct font behavior
Photoshop Camera Raw	Camera raw plug-in for Photoshop and Adobe Bridge
Color * Extra Settings	Extra color profiles for the given region (North America, Japan, European, and others)
Color * Recommended	Recommended color profiles for the given region
Default Language	Used to determine the default language for Adobe Bridge and Adobe Device Central
Dynamic Link Support	Support for the Dynamic Link feature in video and audio applications. All the products that install any of the audio and video products (Enc, PPro, AE, SB, AME) install Dynamic Link Support
Fonts	Collection of bundled fonts
Linguistics	Lilo data files. Installs spelling and hyphenation data files that the Lilo component uses.
Linguistics WinSoft Plug-in	WinSoft Lilo plug-in data/Program Files. Installs spelling and hyphenation data/Program Files for a Lilo plug-in that the Lilo component uses optionally
PDFL	PDF support used across many products
PDF Settings	PDF creation settings
SING	Glyphlet management for Asian locales
Type Support	Type support for many products
XMP Panels	Display XMP metadata
CSXS Service Manager Extension	Provides a panel in several point products that allows users to log in to www.adobe.com to access CSXS services. It is a required component