

# ADOBE READER® AND ACROBAT®

## 10.1 RELEASE NOTES



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## OVERVIEW

### Release note revision history

Date	Description
6/14/11	First version
6/20/11	Added Reader MSI installer info; IE 9 support.

### Description

This release is a quarterly dot release for the products listed in the table below. Note that this update is cumulative and can be installed over any existing Acrobat or Reader installation.

#### Available installers

Product	Ver.	Installer	Size	Language
<b>Windows</b>				
<b>Acrobat</b>	10.1	Quarterly: AcrobatUpd1010.msp	111.5 MB	All
<b>Reader</b>	10.1	Quarterly: AdbeRdrUpd1010_MUI.msp	18 MB	All (MUI)
<b>Reader</b>	10.1	Full: AdbeRdr1010_<lang_ID>.msi	47 MB	Language specific
<b>Reader</b>	10.1	Full: AdbeRdr1010_mui_Std.zip	150 MB	All (MUI)
<b>Macintosh</b>				
<b>Acrobat</b>	10.1	Quarterly: AcrobatUpd1010.dmg	141 MB	All
<b>Reader</b>	10.1	Quarterly: AdbeRdrUpd1010.dmg	103 MB	All
<b>Reader</b>	10.1	Quarterly: AdbeRdr1010_<lang_ID>.dmg	70MB	Language specific

#### Language Support Overview

Most quarterly updates and out of cycle patches (and any Acrobat update/patch) are language agnostic and can be applied over any product. For Reader on Windows, language-specific installers may be provided from the [Reader Download Center](#) and the ftp site for some quarterly updates. In those cases, use the installer file name to identify the language for which the installer is intended.

Multilanguage (MUI) installers: Some releases include MUI installers that provide support for multiple languages and allow the user to configure the language at install time. These are only available on Windows and are identified by \_MUI in the filename.

	Windows	Macintosh
<b>Tier 1</b>	English, French, German , Japanese.	English, French, German , Japanese
<b>Tier 2</b>	Italian, Spanish, Dutch, Brazilian Portuguese, Swedish, Danish, Finnish, Norwegian	Italian, Spanish, Dutch, Brazilian Portuguese, Swedish, Danish, Finnish, Norwegian
<b>Tier 3</b>	Chinese Traditional, Chinese Simplified, Korean	Chinese Traditional, Chinese Simplified, Korean

<b>Tier 4</b>	Russian, Ukrainian, Romanian, Turkish, Czech, Hungarian, Polish, Slovak, Croatian, Slovenian, (Reader only: Catalan, Basque)	Russian, Ukrainian, Romanian, Turkish, Czech, Hungarian, Polish
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## Definition of release types

Adobe defines each release type as follows:

- **Major release:** A major release associated with an incremented first number (e.g. 8, or 9) and an approximate 18 month product cycle. These are only available as separate purchases or upgrades.
- **Quarterly update:** A scheduled update that includes functional improvements, new security updates, and previously released out of cycle patch updates. For Reader, these can be either patches or full installers. The installers are cumulative to the last released MSI.
- **Out of cycle patch:** An unscheduled update targeted at security fixes. These contain few functional updates with the intention to limit impact. The installers are cumulative to the last quarterly.

**Note:** Both quarterly and out-of-cycle updates provide security enhancements and fixes. Adobe recommends that all updates and patches be applied when available.

## Reasons to update

This release provides security enhancements. See [Improvements](#) and [Fixed Bugs](#) below for a complete list.

## Deployment methods

Unlike versions prior to 10.0, update and patch installers are now cumulative as follows: Quarterly updates are always cumulative to the last MSI and out of cycle patches are cumulative to the last quarterly.

**Note:** Only the base release of Acrobat is an MSI and very few Reader updates will ever be an MSI, so in most cases quarterlies can be applied to the base release.

## End user updates

End users typically get the latest product version by doing one of the following:

- Updating the product manually by choosing **Help > Check for Updates** (Win and Mac only).
- Letting the product update itself when an update is detected if the application is configured to do so (Win).
- Downloading the full Adobe Reader installers from the [Reader Download Center](#).

## Enterprise updates

Administrators and IT typically manage software installations in enterprise settings as follows:

1. Download the enterprise installers from <http://ftp.adobe.com/pub/adobe/>. Available installers are listed on [http://kb2.adobe.com/cps/888/cpsid\\_88814.html](http://kb2.adobe.com/cps/888/cpsid_88814.html).
2. Installing updates via your preferred methodology such as AIP-GPO, bootstrapper, SCUP/SCCM (Windows), or Apple Remote Desktop or SSH (Macintosh).

**Note:** For details, see the *Enterprise Administration Guide* on the [enterprise portal](#).

## System requirements changes

This release supports the base system requirements. Any differences in those requirements are noted below. For the base **system requirements** and **language support**, see the following:

- Acrobat: <http://www.adobe.com/products/acrobatpro/tech-specs.html>
- Reader: <http://www.adobe.com/products/reader/tech-specs.html>

### Change history: Support that has been added or removed since 10.0

Version	Changes to base system requirements
10.0.1	None.
10.0.2	None.
10.0.3	None.
10.1	<p>Added support for:</p> <ul style="list-style-type: none"><li>• Microsoft Windows 7 or Windows 7 SP1 Starter, Home Premium, Professional, Ultimate or Enterprise (32 bit and 64 bit)</li><li>• Viewing PDFs in Firefox 4 on Windows (not Mac)</li><li>• WebCapture with Firefox 4 and IE 9 on Win and Mac</li><li>• Mac OS 10.6.7</li><li>• IE 9 is fully supported.</li></ul> <p>Dropped WebCapture support for version Firefox 3.5 or lower. Dropped support for DirectX 8.</p>

## Compatibility and interoperability

For version-related information, see the following:

- Compatibility overview page: [http://www.adobe.com/devnet/reader/articles/reader\\_compatibility.html](http://www.adobe.com/devnet/reader/articles/reader_compatibility.html).
- Version interoperability and coexisting installations, see <http://kb2.adobe.com/cps/333/333223.html>.
- PDF-capable web browsers: <http://kb2.adobe.com/cps/333/333504.html>.
- PDFMaker-compatible applications (Windows and Mac): <http://kb2.adobe.com/cps/333/333504.html>.

## Improvements

### Updating and patching

Unlike versions prior to 10.0, update and patch installers are now cumulative as follows: Quarterly updates are always cumulative to the last MSI and out of cycle patches are cumulative to the last quarterly.

**Note:** Only the base release of Acrobat is an MSI and very few Reader updates will ever be an MSI, so in most cases quarterlies will be able to be applied to the base release.

## Security

For more details about these and other security features, see the [Application Security Guide](#).

- General vulnerability mitigation.
- Reader's Protected Mode:
  - Support for Citrix and Windows Terminal Services.
  - Support for OLE: opening of PDF embedded in office documents and ability to embed PDF in office documents.
  - iFilter compatibility: iFilter is used for search and indexing on Windows and enables keyword searching in a PDF from a Windows OS-based search. Prior to 10.1, iFilter did not work with Protected Mode enabled for Reader. To use iFilter on XP, the user must install Windows Desktop Search 4 (WDS4) which exists by default on new systems.
- Support for DirectX 8 was removed. Users who have been using DX8 as the preferred renderer for 3D and multimedia should upgrade their DirectX plugin to DirectX 9.
- Enhanced Security (Refer to the Preference Reference in the [Administrator's Information Manager](#) for application configuration details):
  - The definition of Win OS trusted sites has been extended to include Local Intranet zones as well as the current Trusted Sites zones. When **Automatically trust sites from my Win OS security zones** is enabled, both zones are trusted as if they were specified as Privileged Locations and are therefore exempt from Enhanced Security's restrictions. The customer benefit is that it easily extends trust to numerous servers and subnets in trusted PDF workflows.
  - Privileged Locations: Assigning trust to a folder is automatically recursive and also assigns trust to its subfolders.

## Extended browser support

- IE 9 is fully supported.
- Viewing PDFs in Firefox 4 on Windows (not Mac)
- WebCapture with Firefox 4 and IE 9 on Win and Mac

## Digital signatures

The following improvements have been added to 10.1:

- Acrobat/Reader 9.4.5 and Acrobat/Reader 10.1 will accept Identrust certificates with a SHA256 hash. Prior to these releases, certificates with OIDs under the Identrust arc enforced the use of SHA1.
- The Signature Properties dialog provides a clearer presentation of signing time and validation times:
  - The Date fields on Date/Time and Summary tabs have been renamed to Signing Time. The field values always contains both the date and the **signing time from the signer's computer**.
  - The Date/Time and Summary tabs contain more validation time details. In addition to the signing time from the signer's computer, **the validation time** also appears in some workflows. For example, when a timestamp is present (including post-signing timestamps), the Date/Time tab displays timestamp details such as if it is embedded, the timestamp authority name, and other information. Some of this additional information also appear in the Certificate Viewer.
- Prior to 10.1, OCSP responses without nextUpdate were never embedded in a signature. For 10.1 and later, OCSP responses are always embedded irrespective of the presence of nextUpdate; however, whether they are used for signature validation depends on certain conditions. This behavior is designed to support

Acrobat's long term validation feature and allows validating a signature with embedded responses that were valid at signing time. (Refer to the [Digital Signatures Administration Guide](#) or Preference Reference in the [Administrator's Information Manager](#) for application configuration details)

- Portfolio signature status indicators: 10.1 implements a portfolio status indicator called a Signature Badge. A signature badge button appears in a signed PDF portfolio window's taskbar except when the portfolio's cover sheet is visible. Clicking the button displays the cover sheet and the expands the left-hand signature panel.

### Improved user experience for silent and automatic updates

On Windows 7, Vista, and Server 2008, 10.1 installs ARMSvc.exe as part of the Updater. The new service enables silent and automatic updates on machines where a user has configured the application for automatic updates. The service eliminates information dialogs prior to updates. In enterprise settings, IT can use DISABLE\_ARM\_SERVICE\_INSTALL=1 to disable the ARM service.

### SharePoint integration

Now, like Microsoft Office, Acrobat and Reader X will ask users if they want to check out a PDF when opening that PDF from within Reader/Acrobat from Windows Explorer or from the SharePoint browser interface. The check in/out process has been streamlined and enhanced along with digital signature workflows. For more details, go [HERE](#).

### Collaboration Workflows

Additional registry/plist preferences have been created to control the following:

- bShowConnectDialog (Win) and ShowConnectDialog (Mac): Specifies whether the connect dialog in Shared Reviews appears. The setting maps to a checkbox entry under 'Shared Review options' in the 'Reviewing' pane in Preferences Dialog. By default, it is shown.
- bShowWelcomeDialog (Win) and ShowWelcomeDialog (Mac): Specifies whether the welcome dialog in Shared Reviews appears. The setting maps to a checkbox entry under 'Shared Review options' in the 'Reviewing' pane in Preferences Dialog. By default, it is shown.

### Live mail support

Acrobat and Reader both support Live Mail on Windows 7.

### Flash

A more secure and enhanced Flash player is installed with this release.

## Bug fixes

10.1 includes numerous bug fixes. Some of the major affected areas include:

- Security: Vulnerability fixes and mitigation additions.
- 3D rendering/GPU usage: Performance enhancements and better support for features like rotation.
- AIR integration: Transmission of data to and from a PDF.

- AutoCAD integration: Improvements in text rendering and file conversion.
- Browser integration: Improved performance, reliability, support for linking across iframes and new windows, and additional browser version support.
- Dynamic forms/XFA: Numerous fixes which impact performance, file saving, display of tables and controls, and so on.
- Scripting-JS APIs: Various fixes for inconsistent API behavior across Acrobat/Reader and Windows/Mac.
- Word to PDF conversion: Fixes for cross references as well as conversion of images and formulas with Office 2007.

## Known issues

For a list of current issues, see [http://kb2.adobe.com/cps/907/cpsid\\_90705.html](http://kb2.adobe.com/cps/907/cpsid_90705.html).

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