

EFS-Web Compatible Hardware and Software

Updated May 15, 2008



EFS-Web

HARDWARE AND SOFTWARE COMPATIBILITY MATRIX

Operating System	Hardware	Software	Browser	Java Virtual Machines	Comments
XP Pro SP2 XP Home Win 2000 Pro SP4	266-MHz or higher Intel Pentium processor (or similar AMD Processor) 256MB of RAM 20GB hard drive with 90MB of free disk space 1024 X 768 Resolution, 800 X 600 minimum 56Kbps or faster	Adobe Reader 7.0.8, 7.0.9 8.1.1, 8.1.2	IE 6.0 SP1/SP2 Netscape Navigator 8.1 Mozilla Firefox 2	MS JVM 5.0 Sun Java plugin 1.5.0 and above	Sun JRE v1.5.0_06 is strongly recommended for TLS configuration
Mac Tiger OSX 10.4	Power PC 256MB of RAM 20GB HFS formatted hard drive with 125MB of free disk space 1024 X 768 Resolution, 800 X 600 minimum 56Kbps or faster	Adobe Reader 7.0.8, 7.0.9 8.1.1, 8.1.2 Mac	Mac Safari 2.0.3 Mozilla Firefox 2	Apple JVM 1.5 and above	Apple JVM v1.5 release 3 is strongly recommended for TLS configuration
RedHat 9.0	266-MHz or higher Intel Pentium processor (or similar AMD Processor) 256MB of RAM 20GB hard drive with 90MB of free disk space 1024 X 768 Resolution, 800 X 600 minimum 56Kbps or faster	Adobe Reader 7.0.8, 7.0.9 8.1.1,8.1.2	Mozilla 5.0 v1.7.3 (Mozilla 1.7.2 has a security flaw) Mozilla Firefox 2	Sun Java plugin 1.5.0 and above	Sun JRE v1.5.0_06 is strongly recommended for TLS configuration

Note: The products listed above have been used in conjunction with EFS-Web filings and have no known compatibility issues.

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SUPPORTED BROWSERS

The USPTO actively tests and supports Netscape 8.1, Internet Explorer 6.0, and Firefox 2.0 for use with EFS-Web. However, each browser version (major and minor releases) may have specific issues that USPTO cannot always address. If you install a later browser version, please be sure to maintain one of the supported browsers in order to ensure access to EFS-Web.

PORTABLE DOCUMENT FORMAT (PDF) INSTRUCTIONS

PDF Specification

EFS-Web requires the PDF file to conform to any one of versions 1.1 through 1.6 of the PDF specification.

PDF Creation Software Compatibility

The most common versions of PDF Writer software that are compatible with EFS-Web include:

- Adobe Acrobat Professional
- ABXPDF Writer (Freeware)
- Open Office (Freeware)
- Easy Office (Ad ware)
- CutePDF Writer (Freeware)
- PDF Redirect (Freeware)
- PDF 995 (Ad ware)
- Primo PDF (Freeware)

PDF creation software products that are not listed above may not be compatible with EFS-Web and their use may result in document image degradation and/or processing delays.

Adobe Reader Compatibility

EFS-Web does not require the use of Adobe Reader, a free software application. However, to use the USPTO fillable-forms, Adobe Reader 7.0.8, 7.0.9, 8.1.1 or 8.1.2 is required. To upgrade to version 7.0.8, 7.0.9, 8.1.1 or 8.1.2, visit the Adobe website, choose the appropriate operating system and language for downloading the latest version of Adobe Reader.

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SECURITY

Please ensure that the following settings are applied to your computer and/or network.

NOTE: You may need Administrative rights to adjust some of these settings.

All Users

- Networks and Firewall infrastructures must allow outbound communication to USPTO via port 443/https.
- Networks and Firewall infrastructures must not strip packet header contents.
- Workstations must run a supported Operating System version.
- Workstations must run a supported browser.
- Browsers are strongly recommended to be configured for using TLS instead of SSL.
- Browsers must support HTML frames.
- Browsers/workstations must accept cookies, at least for the length of a particular communications session.

Registered Users

- Browsers/workstations must accept Entrust security applets, for download and use, at least for the length of a particular communications session.
Workstations must run a supported Java Runtime Environment/Java Virtual Machine (JRE/JVM).

Unregistered Users

- Users must set browsers to permit running of JavaScript.

Cookie and Java Configuration Details

A "session cookie" is information sent by a web site server to your computer while you are connected to that site. Session cookies expire once all browser windows are closed. EFS-Web's cookies temporarily store information about your interactions that may be needed later for the system to perform a function. As you move from page to page in EFS-Web, cookies allow your specific Name, Documents, Fees, etc. to be retrieved. No persistent cookies are used.

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The following table details the settings that are needed, in various browser environments, for cookie handling and certain Java related items.

Browser	Setting Name	Setting
Microsoft IE 6.0 <i>(See Note 1)</i>	Warn me before accepting a cookie	Disable
	First part Cookies	Accept or Prompt (see Note 2)
	Allow per-session cookies (not stored)	Enable or Prompt
	Active Scripting	Enable or Prompt
	Scripting of Java Applets	Enable or Prompt
	Third Party Cookies	Accept or Prompt (see Note 2)
Netscape 8.1 <i>(See Note 3)</i>	Enable Java	Enable
	Enable JavaScript	Enable
	Cookies	Accept all Cookies (no warnings)
	Warn me before accepting a cookie	Disable
Mozilla RedHat and Firefox	Enable Java	Enable
	Enable JavaScript	Enable
	Cookies	Accept all Cookies
Mac Safari	Enable Java	Enable
	Enable JavaScript	Enable
	Enable Cookies	Always

Notes:

1. The IE 6.0 Browser Privacy setting cannot be set to 'Block All Cookies'
2. Applies only if using the 'Override Automatic Cookie Handling' setting
3. Netscape 8.1 is not fully supported with the USPTO's Digital Certificate Management System