



PEIMS EDIT+ User Technical Documentation

Tips for .NET Installation and Usage

10/13/2008

Note: Please contact EDIT+ Customer Support at editplus@tea.state.tx.us (or 512-936-2622) with any questions you may have about this document.

Overview

Both the EDIT+ application and the PID Enrollment Tracking (PET) sub-application require the Microsoft® .NET™ Framework software to transfer files to TEA. The software enables files using the 'http/https' Internet protocol to securely transfer files. This document is designed to provide assistance to EDIT+ and PET users who need to install and troubleshoot the .NET Framework software.

The following topics are covered:

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Note: This document assumes a moderate-to-advanced level EDIT+ (PET) user understanding. Please refer to the *EDIT+ User Reference and Training Guide* and the *EDIT+ Administrator Training and Reference Guide* for answers to user functionality questions regarding the application. Please also, first read through this document carefully and work with your Technical Support staff prior to contacting EDIT+ Customer Support to determine if any questions are answered herein.

Part 1 – Minimum System Requirements for .NET Framework Installation

To ensure adequate performance using .NET, the following system requirements are required:

Operating System Requirements

The .NET 2.0 Framework is supported on the following client platforms.

- Microsoft® Windows® 98 SE
- Microsoft Windows Millennium Edition
- Microsoft Windows 2000 with Service Pack 3
- Microsoft Windows XP
- Microsoft Windows Server 2003 family

Note: Microsoft Internet Explorer® 6 (or higher) and Microsoft Windows Installer 3.0 (or higher) are also required.

Hardware Requirements

The table below displays the user machine hardware requirements:

Scenario	Required Processor	Recommended Processor	Required RAM	Recommended RAM
<i>Client</i>	Pentium 90 MHz*	Pentium 90 MHz or faster	32 MB*	96 MB or higher

*Or the minimum required by the operating system, whichever is higher.

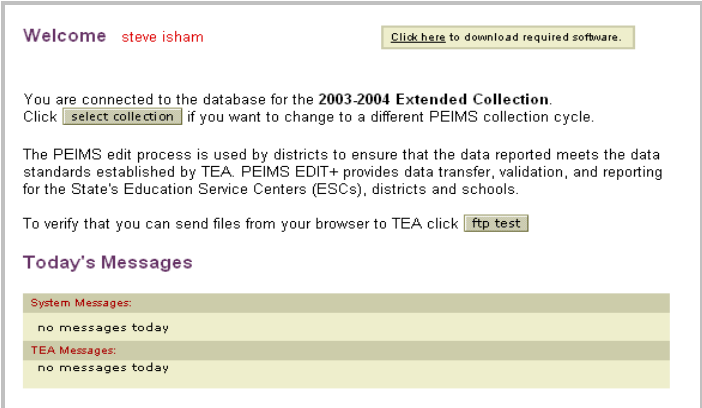
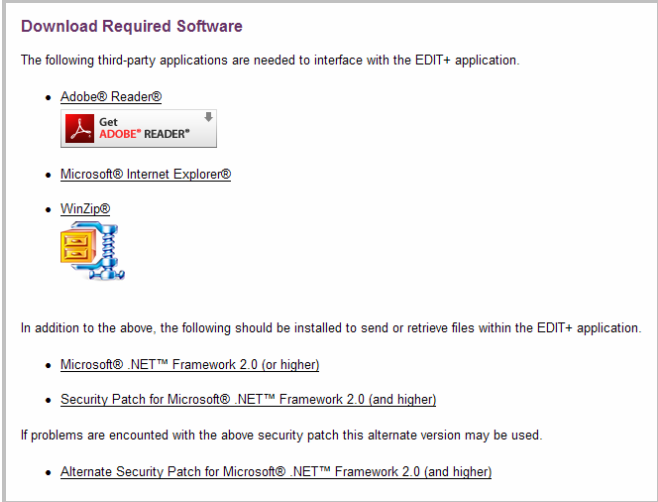
Part 2 – Installing the .NET Software

To successfully transfer PEIMS data files or PET extract files to TEA, required software must be downloaded and installed. Before installing .NET Framework software on your PC, it is recommended that you first check with the Technical Support staff at your campus, district, or region. Please also provide this document for their review.

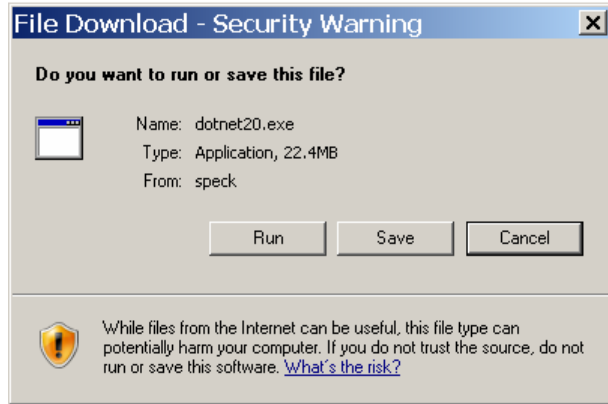
Following is the minimum software configuration for successfully transferring PEIMS data files and PET extract files to TEA:

- .NET Framework 2.0, 3.0, or 3.5
- .NET 2.0 (and higher) Security Patch

Note: For PCs that do not have .NET Framework installed, the initial EDIT+ login process prompts users to install the software. If .NET Framework 2.0 (and higher) is already installed on the computer, please begin with the Security Patch installment steps.

Downloading and Installing the .NET 2.0 Framework	
<ol style="list-style-type: none"> 1. To download and install the .NET 2.0 Framework, first login to EDIT+ (or PET for PET-only users). 2. From the EDIT+ (or PET) home page, select the Click here to download required software link at the top right corner of the page. 	 <p>The screenshot shows the EDIT+ home page. At the top right, there is a yellow button that says "Click here to download required software." Below the header, there is a message: "You are connected to the database for the 2003-2004 Extended Collection. Click [select collection] if you want to change to a different PEIMS collection cycle." There is also a link for "ftp test" and a "Today's Messages" section with "System Messages" and "TEA Messages" both showing "no messages today".</p>
<ol style="list-style-type: none"> 3. The Download Required Software page displays. 4. Select the Microsoft® .NET™ Framework 2.0 (or higher) link to begin your download. 	 <p>The screenshot shows the "Download Required Software" page. It lists the following third-party applications needed: Adobe Reader®, Microsoft® Internet Explorer®, and WinZip®. Below this, it lists additional software to be installed: Microsoft® .NET™ Framework 2.0 (or higher) and Security Patch for Microsoft® .NET™ Framework 2.0 (and higher). A note mentions an alternate security patch if problems are encountered.</p>

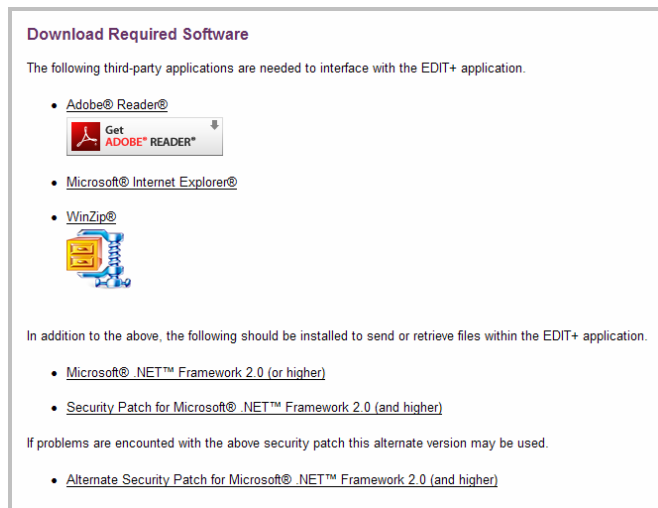
5. Select **Run** (or **Open**) from the dialogue box that displays.
6. After the file downloads, install the **.NET 2.0 Framework** by selecting a series of **Next** buttons until the installation is finished. If a restart is requested, please comply.



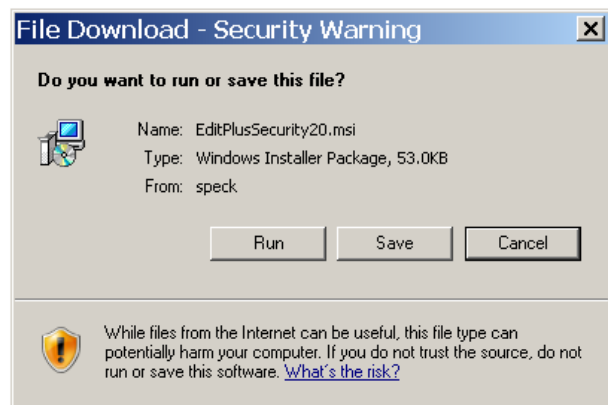
Downloading and Installing the .NET Security Patch

Note: Once .NET Framework 2.0 is successfully installed and your PC is restarted, you will need to install the .NET 2.0 Security Patch.

1. Navigate to the **Download Required Software** page by selecting the **Click here to download required software** link from the EDIT+ (or PET) home page.
2. Select the **Security Patch for Microsoft® .NET™ Framework 2.0 (and higher)** link to begin your download.



3. Select **Run** (or **Open**) from the dialogue box that appears.
4. Your screen may appear to “flicker” briefly; other than this, there is no visual indication that the Security Patch is installing. The install takes approximately a minute or less.
5. Close all instances of **Internet Explorer®**; then reopen IE and access EDIT+.
6. Your PC should now be able to transfer files to EDIT+ (and PET).



Note: Should you encounter problems after installing .NET, please refer to the next section of this document for troubleshooting tips.

Part 3 – Problems and Solutions You May Encounter with .NET

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Problem 1: No Progress Monitor Bar Displays

Description: When attempting to transfer a file, the transfer applet does not load. An indication of this problem is a missing progress monitor bar before being redirected to an error screen.

Resolution:

1. Verify the .NET Framework has been installed and that the Security Patch has been applied.
 - a. From the *Start Menu* access the *Control Panel*.
 - b. Select *Add or Remove Programs*.
 - c. Verify that the .NET Framework 2.0 is listed.
 - If not, please complete all steps listed in .NET Framework section of Part 2.
 - If so, please complete all steps in the Security Patch section of Part 2.
2. Verify that the Security option: *Do not save encrypted pages to disk*, is NOT enabled.
 - a. In Internet Explorer, select *Tools, Internet Options*.
 - b. You should see a window titled *Internet Options*.
 - c. Select the *Advanced* tab.
 - d. In the settings box find the *Security* section.
 - e. There should be an option labeled: *Do not save encrypted pages to disk*.
 - f. Verify the checkbox is not checked; if it is, clear it.
 - g. Select the *OK* button.

Note: If the checkbox is checked but disabled, you do not have permission to change the security settings and need contact your Tech Support staff to make these changes.

3. Configure the EDIT+ servers as trusted sites:
 - a. In Internet Explorer, select *Tools, Internet Options*.
 - b. You should see a window titled *Internet Options*.
 - c. Change to the *Security* tab.
 - d. Click on the icon for *Trusted Sites* – usually a large green checkmark icon.
 - e. There should be a button labeled *Sites*.
 - f. Click on the button.

Note: If there is no icon for *Trusted Sites* or if the *Sites* button is disabled, then you do not have permission to change any of the Internet Explorer security settings, and you will need contact your Tech Support staff to make these changes.

- g. After selecting the *Sites* button you should see a new window entitled *Trusted Sites*.
- h. Add the following sites to the list of trusted sites:
 - https://ford.tea.state.tx.us
 - https://ross.tea.state.tx.us
 - https://coffee.tea.state.tx.us
 - https://pyeareven.tea.state.tx.us
 - https://pyearodd.tea.state.tx.us
 - https://hays.tea.state.tx.us

Note: The 'https' value is required. Do NOT enter 'http' (without the 's').

Problem 2: File Transfer Issues with the Windows Vista® Operating System

Description: EDIT+ files are not transferring properly on a PC with the Windows Vista® operating system.

Resolution: Vista is not currently supported within the EDIT+ application; however, some users have reported the following steps help resolve file transfer problems they are experiencing with the Vista operating system.

If Windows Vista is configured with *User Account Control* (UAC), it must be disabled for files to transfer properly to EDIT+. To do this:

1. Select *Start*, then *Control Panel*.
2. In the *Control Panel Home* view (i.e., not *Classic View*), find the *User Account and Family Safety* icon, then select the *Add or remove user accounts* link. A page entitled: *Choose the account you would like to change* displays.
3. At the bottom of the page, select the *Go to the main User Account pages* link. A page entitled: *Make changes to your user account* displays.
4. Select the link entitled: *Turn User Account Control on or off*. The *Turn on User Account Control (UAC)* page displays.
5. On the *Turn on User Account Control (UAC)* page, deselect the checkbox entitled: *Use User Account (UAC) to help protect your computer*. Select *OK*.
6. You are prompted to restart your computer. Please do so at this time.

Problem 3: File Transfer Troubleshooting

Description: Some transfer issues are related to file configuration problems.

Resolution:

1. If the file you are trying to transfer is saved to a network drive, copy the file to your PC desktop and send it from there. Some network setups do not allow the transfer applet to have the file access permissions it requires on a network resource.
2. Verify the data file is not open in an editor that might be placing a lock on the file (e.g., Microsoft Word)?
3. Extraneous or junk characters may be in the data file. Use software that is strictly text editing software, such as Notepad, to view and/or edit the file. Do NOT use a word processor like Microsoft Word, WordPad, or any software that formats text or page layout.
4. PET file format may not conform to the current XML schema (XSD). This should result in an XSD validation error. There is a new XSD for each new school year. Details can be found in Appendix G of the *PEIMS Data Standards*.
5. The file extension could be incorrect. Verify that the file you are sending has the appropriate file extension (i.e., for PEIMS data files, none; for PET extract files, .xml or none)
 - a. From the Start menu access *Run...*
 - b. In the box that appears Enter: "C:"
 - c. Select from the top menu of the new window that opens *Tools and Folder Options...*
 - d. Select the View Tab
 - e. In the Advanced settings box under Files and Folders verify that the box next to: "Hide Extensions for known files types" is NOT checked.
 - If it is clear it and Select the *Ok* button.
 - f. Navigate to the folder where the file to be sent is stored.
 - g. Verify the file extension is correct.
 - If it is not, right click the file and select "Rename". Rename the file to the appropriate extension.
6. Try to re-create or re-extract the data file and then send the new file.

Problem 4: Proxy Issues

Description: Authentication problems when attempting to transfer files.

Resolution: The EDIT+ transfer applet generally tries to use the user's current Windows authentication to access the Internet via a proxy. If the proxy does not support this authentication method or there are other errors related to proxy access, the following steps can be tried:

1. Ensure that your system and your proxy server are configured correctly:
 - a. Make sure the proxy server is set up to allow HTTP (80) or HTTPS (443) transmissions with PUT operations.
 - b. Set a static IP address for the user's computer.
 - c. Set the following to match the settings on the server:
 - Subnet Mask
 - Default Gateway
 - DNS
 2. Some Tech Support staff have success resolving proxy issues by adding the following EDIT+ servers to their proxy exception/bypass list:
 - ford.tea.state.tx.us
 - ross.tea.state.tx.us
 - coffee.tea.state.tx.us
 - pyeareven.tea.state.tx.us
 - pyearodd.tea.state.tx.us
 - hays.tea.state.tx.us
 3. If the problem persists after making the above configurations, please do the following:
 - a. From the EDIT+ home page, select the file transfer test link which reads: *To verify that you can send files from your browser to TEA [click here](#).*
 - b. When the file transfer test fails, please forward a copy of the *applet.log* file to EDIT+ Customer Support via email: editplus@tea.state.tx.us. The *applet.log* can be found by default in the *My Documents* folder or by searching your system's files using *Start >> Search >> Files or Folders*.
 - c. Additional configuration/settings may need to be addressed by your Tech Support staff.
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Problem 5: Security Patch Problems

Description: Some users have reported problems with the standard **Security Patch for Microsoft® .NET™ Framework 2.0 (and higher)**.

Resolution: An alternate version of the Security Patch is also available from the *Download Required Software* page. Please note that this patch comes with a *ReadMe.txt* file which should be reviewed before an attempt to apply the patch is made.