

Premium Pro Enterprise Local Installation Guide for Database Installation on a desktop PC (Cloudscape)

This guide is to be used if you intend on installing enterprise as a stand alone application on one PC.

A Premium Pro Enterprise (PPE) local installation consists of three parts

- Company and User Registration
- Premium Pro Enterprise Installation
- Establishing Appropriate User Rights

Chapter 1: Company and User Registration

Before using *Premium Pro Enterprise*, each company must register with TriTech Software. You may register at <https://ppo.tritechsoft.com/p2eereg/>.



Click on the button **Sign Up Now**. You must complete a Company Registration form for the parent company and set up the primary Administrative user. Once the initial registration page is completed, click on the submit button. The administrative user will have rights to add, edit, and remove companies (as well as users).

Once the initial registration has been completed, the administrative user can login into the website and add additional companies. Click on the link for the parent company and a list of all Sub Companies will be displayed.

You may edit the parent company by clicking on the link for the parent company. You will see checkboxes at the bottom of Company Setup form for each product you have purchased: Premium Tax, Municipal, and/or FormPlus. You must select the check box in order to allow access to that product.

You may add subsequent companies by clicking on the **New Company** link. Complete the form as you did for the parent company. Ensure that you select the product checkboxes at the bottom. Otherwise the new company created will not be available to the end user.

To add a new user, select New User and complete the appropriate form. Upon completion, an email will be sent to each user containing a unique username and password that will be used to access the software.

Chapter 2: Installing Premium Pro Enterprise

Requirements:

You must complete registration (Chapter 1) before you can install Premium Pro Enterprise (PPE). In addition, you must be able to access our login server and update server (Chapter 3).

Installation:

Download the PremiumProEnterpriseInstallation.exe from here:

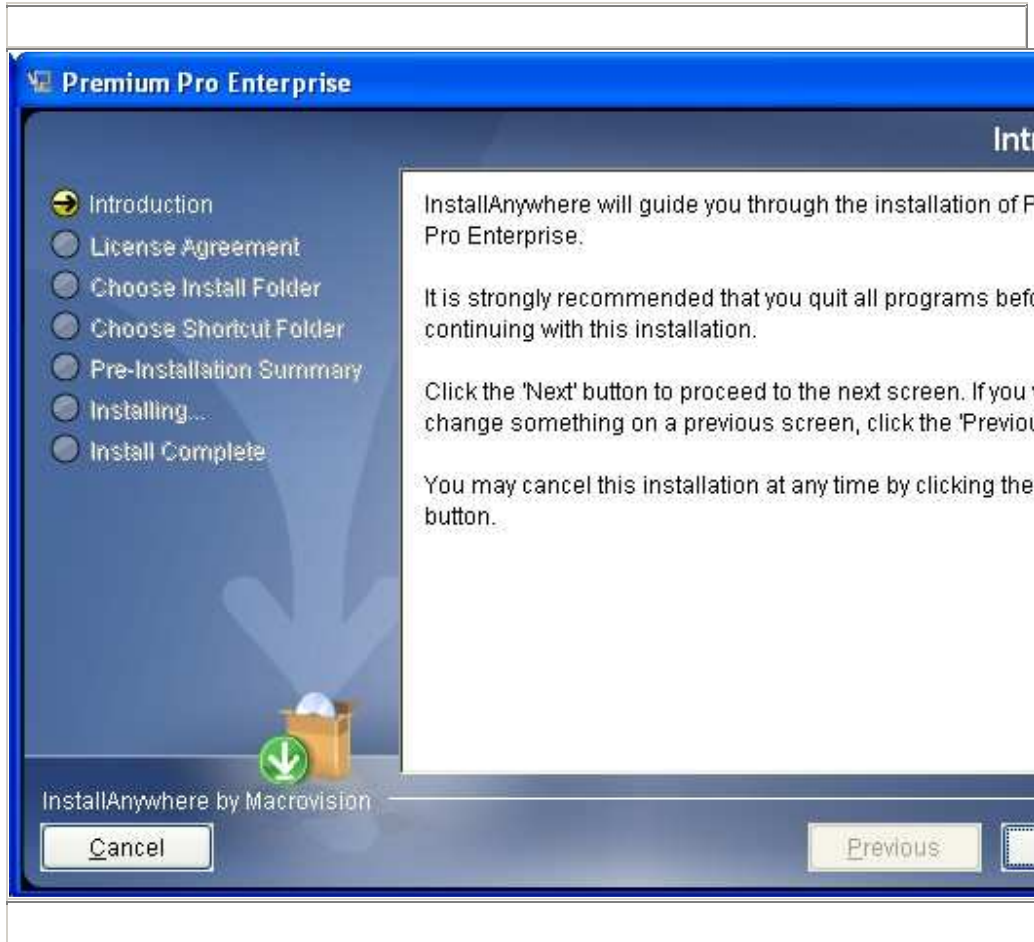
<http://enterprise.tritechsoft.com/installs/>

Click on the hyperlink for PremiumProEntepriseInstallation.exe.

1. Click run to download the file and install it. Otherwise, click **Save** and you may installed the program at a later time.



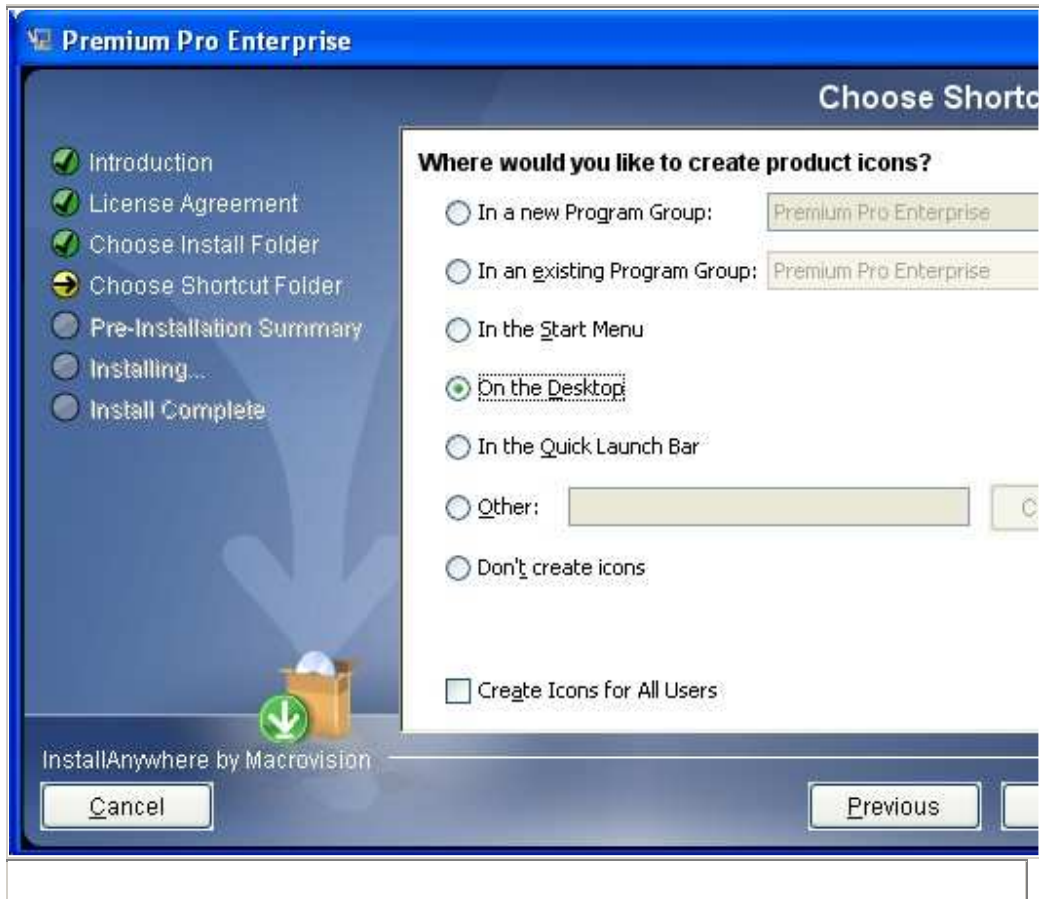
2. The installation program will start. Click **Next**. Accept the license agreement and click **Next**.



3. When you are prompted where to install, accept the default path. Click **Next**.



3. When prompted "Where would you like to create product icons?" choose from one of the selections. You may later use the icon to launch PPE from your desktop PC. Click **Next**.

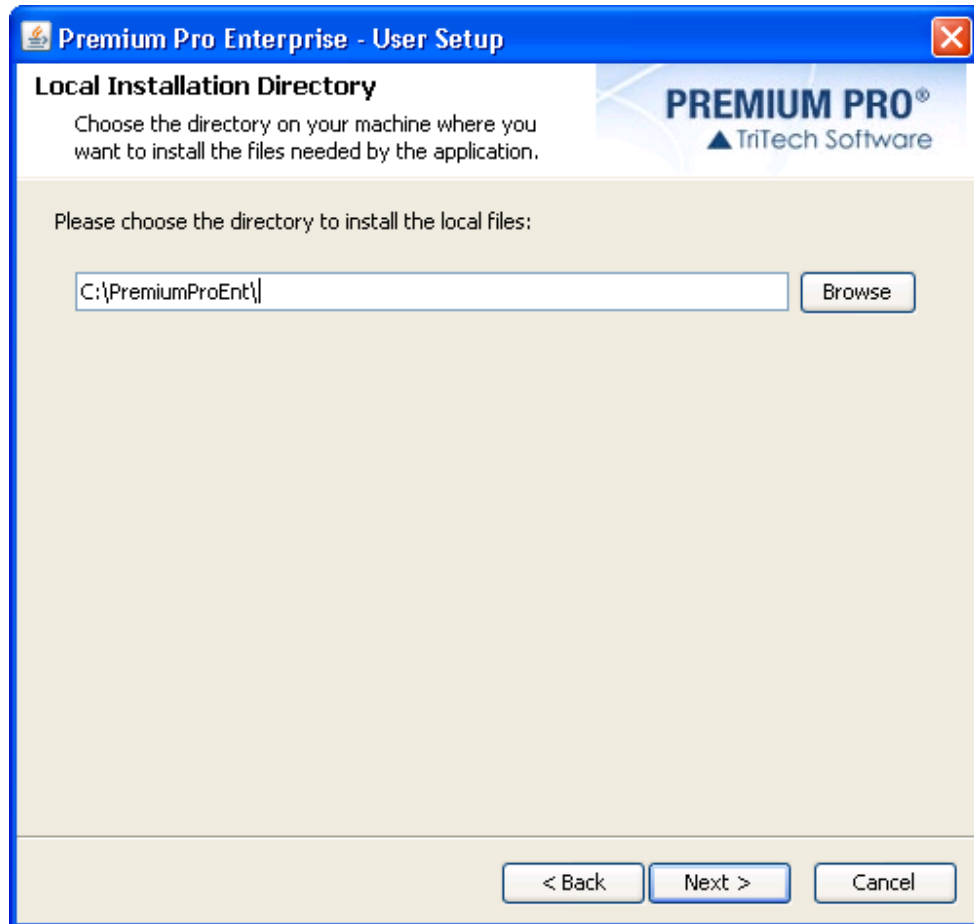


4. Review the Pre-Installation Summary to insure your selections are correct. Click **Install** to proceed. The installation will install a self contained version of Java Runtime Environment (JRE). JRE is self-contained in this folder so that it will not affect any other programs you use that require JRE. When the installation is completed, click **Done** to quit the installer.

5. Launch PPE using the icon you created in step 3. Enter a **registered** username and password and click **Login**. If you have not yet registered your company to use PPE, please see Chapter 1.



6. The setup wizard will launch. When prompted to create a local installation directory for you database, accept the default path.



7. When prompted to choose your Install Type, choose **Local Installation**. Click Next and the Click to finish the installation.

Chapter 3: Establishing Appropriate User Rights

The user must have sufficient rights and privileges to our web servers. If the details in this chapter are not followed, the user cannot run PPE.

Internet Access

The PC must be able to access the Internet. There are three purposes for which PPE connects to web servers over the Internet:

- 1) Log in (validation of user credentials and verification of product licensing)
- 2) Software Updates
- 3) Electronic Filing

PPE cannot be configured to understand your firewall/proxy server rules. If necessary, you must change your rules so the user's PC can access the PPE web servers.

Log In

Each time a user launches PPE, he or she is prompted for a user name and password (See Chapter 1 to register a user). This information is transmitted over the Internet to a TriTech operated web server which replies with an XML message that provides the application with licensing (and other) information.

If there is a firewall or proxy server between the computer(s) running PPE and the internet, the firewall or proxy server must be configured to allow the following:

1. HTTPS POST requests sent to port 443 of the web server
2. HTTPS 200 responses (containing XML data) received from the web server

The web server in question is: ppo.tritechsoft.com

If you use a proxy server, you may receive a message indicating "the program was not able to connect to the server for login". Select the link "Click Here" and then click to "Update Proxy Settings". Enter the proxy host information and port number here.

Software Updates

Updates to PPE are released frequently. PPE has built-in functionality which allows the user to initiate software updates. In order to check for and perform an update, the Premium Pro Enterprise software communicates with a TriTech web server over the Internet. The desktop PC initiates a request to access a file containing a list of current program files and compares this list to the files on the PPE server.

If there is a firewall or proxy server between the computer(s) running PPE and the internet, the firewall or proxy server must be configured to allow the following:

1. HTTP GET requests sent to port 80 of the web server.
2. HTTP 200 responses (containing XML data) received from the web server
3. HTTP 401 responses (Authorization required) received from the web server
4. HTTP PROPFIND requests sent to port 80 of the web server
5. HTTP 207 responses (Multi-status) (containing XML data) received from the web server

The web server in question is: enterprise.tritechsoft.com

If you use a proxy server, you must login into the application and select the tools menu and select "Update Center". Enter the http port and proxy information.

Electronic Filing

PPE allows certain tax forms to be submitted electronically over the internet. In order to do so, the Premium Pro Enterprise software transmits the information to a TriTech web server over the Internet. The web server responds with an XML message letting PPE know whether the operation was successful.

If there is a firewall or proxy server between the computer(s) running Premium Pro Enterprise and the internet, the firewall or proxy server must be configured to allow the following:

- 1) HTTP POST requests sent to port 80 of the web server
- 2) HTTP 200 responses (containing XML data) received from the web server

The web server in question is: www.tritechsoft.com

The following page is a table that details the HTTP get and propfind request and response codes.

Protocol	Command/Response code	URI or Response code meaning	Protocol Version	Message Body	Notes
HTTP	GET	/version.xml	(HTTP/1.1)	contents of version.xml	
HTTP	200	OK	(HTTP/1.1)	contents of version.xml	
HTTP	GET	/details.xml	(HTTP/1.1)	contents of details.xml	
HTTP	200	OK	(HTTP/1.1)	XML containing details of request	
HTTP	PROPFIND	/svn/enterprise	(HTTP/1.1)	XML containing details of request	
HTTP	401	AUTHORIZATION REQUIRED	(HTTP/1.1)		This time authentication credentials are included in header
HTTP	PROPFIND	/svn/enterprise	(HTTP/1.1)	XML containing details of request	
HTTP	207	MULTI-STATUS	(HTTP/1.1)	XML containing requested details	
HTTP	PROPFIND	/svn/enterprise;/svn/vcc/default	(HTTP/1.1)	XML containing details of request	Authentication credentials are included in header
HTTP	207	MULTI-STATUS	(HTTP/1.1)	XML containing requested details	
<p>Many more of these PROPFIND requests for other files and associated 207 responses will follow. Based on the details contained in the 207 response the application may request the file via a HTTP GET command. Below is an example of this exchange.</p>					
HTTP	PROPFIND	/svn/enterprise/premium/premium.jar	(HTTP/1.1)	XML containing details of request	Authentication credentials are included in header
HTTP	207	MULTI-STATUS	(HTTP/1.1)	XML containing requested details	
HTTP	GET	/svn/enterprise/premium/premium.jar	(HTTP/1.1)	contents of premium.jar	
HTTP	200	OK	(HTTP/1.1)		

The remaining traffic is of this nature: a PROPFIND request followed by a 207 response which may or may not be followed by a GET and 200 response.

Chapter 4: Update Center

Updates to the program are downloaded from the update center web server.

Please note that in order for a user to use the update center, he/she must have the following rights:

- Must be registered as an administrative user (Chapter 1)
- Must have Internet Access to enterprise.tritechsoft.com (Chapter 3).

The *Premium Pro Enterprise* Update Center may be accessed from the Tools Menu. The update center will provide a listing of any updates made to the software and provide you with detailed information regarding the changes. Through the Update Center you can choose when to install the updates and review the items that will be affected by the update.

Software Updates Tab

This area provides a listing of files organized by Product (e.g. Premium Tax, Municipal, and FormsPlus), Tax year and Module. Each state will list its status and the date it was last updated. If the files are current, the status will read "Good". If a change was made, the status will display as "Update Available". When a state is highlighted, details such as date, version number, and comments are displayed for the specified file.

Preference Tab

Under the Preference Tab, you can specify your Network Access setting for software updates. If connecting through a proxy server, enter the http port and proxy information.

Chapter 5: Other Considerations

Minimum System Requirements

The estimated disk storage requirements for a single company and single year are:

- Premium Tax - 10MB
- Municipal - 34MB
- FormsPlus - 2 MB

The following are the minimum system requirements needed to install *Premium Pro Enterprise* on the product server (chapter 3)

- Pentium IV 1 GHz
- Microsoft Windows 2000 or later
- 512 MB RAM (1G RAM recommended)
- 250 MB local or network hard drive space for the program files

The following are the minimum system requirements needed to adequately run PPE from a desktop PC.

- Pentium IV 1 GHz
- Microsoft Windows 2000 or later
- 512 MB RAM (1G RAM recommended)
- Internet access (Chapter 4)
- Network rights (Chapter 4 and 5)

Firewall / Proxy Server Considerations

- Premium Pro Enterprise does not take settings from the browser setup.
- Proxy Server Authentication is not supported.