Get Ready, Get Set, Go!

Ready to install Pro/ENGINEER Wildfire? Here's everything you need to simplify your update and start enjoying all of the great features you've been hearing about

Since its release, many tips and techniques have been documented on how to successfully install Pro/ENGINEER Wildfire. We took some time and put them together in one place to make your job much easier. So, what are you waiting for? Let's load it up.

Get Ready

The first thing you may notice is the number of CDs required for installation. Why so many CDs? Several products have been made available to install from the Pro/ENGINEER Wildfire CD via PTC.Setup, such as Pro/ENGINEER Wildfire, PTC License Server, Design Conferencing, and Structural and Thermal Simulation—all of this in one neat package on the Pro/E Wildfire CD.

Get Set

In preparation for the installation process, here are a few steps to ensure that you have everything you will need during PTC.Setup:

1. If you don't have a PTC Online Account, create one—it's free. Much of what you will need is online, and requires a login. Take the time to include the information for an upgraded account; it offers you an advanced level of technical information.

2. Check to see that you have a Pro/ENGINEER Wildfire license pack. If not, request one—you will need either a Host ID for the server you are installing, or a combination of a SCN (sales confirmation number—look on the shipment confirmation email or letter) and a SON (sales order number, also located on the confirmation letter, or look on your packing slip).

3. Make sure the computer you will complete the installation on is configured for TCP/IP. If not, log into your PTC account (the one created in Step 1 above) and find instructions for your specific operating system.

4. Decide on your desired directory structure. PTC.Setup will install to a default directory (':/system_directory/ptc', where system_directory is platform specific). If you wish to change this, it can be modified at installation.

Get Going

Now you are ready to begin the installation process. The first section is specific to the PTC License Server (powered by FLEXlm), so if you are not installing it, you can go directly to the Pro/ENGINEER Wildfire section.

Start PTC.Setup by running setup (setup.exe) from the CD-ROM.

PTC License Server

A new licensing option called License Simplification is now available if you choose to take advantage of it. Briefly, License Simplification moves configurations from the licensing process to the installation process (manage configurations using PTC.Setup). By using this option, you can group licenses to suit your needs, during installation, putting the software options together as you see fit. The goal of License Simplification is to make licensing easier and more flexible, and benefits include reduced number of configuration IDs and a better way to track licenses. You can learn more at: www.ptc.com/olm/index.htm or www.ptc.com/olm/ls_faq/

With the integration of FLEXlm, configuration IDs replace serial numbers and are used to identify you and your software to PTC Technical Support. You can (and should) learn more about configuration IDs at: www.ptc.com/olm/flexlm/config.html

PTC.Setup will provide screens guiding you through the following steps:

1. Select PTC License Server, and then any other products you wish to install.

2. Verify that the Host ID and Hostname match your license pack.

3. Specify the installation directory, which you decided on earlier.

4. Choose to input your license information manually or from disk. Inputting the information from the disk is highly recommended, to avoid errors.

    a. If you choose to do it manually, you must enter this information in a text editor. Refer to PTC.com for specific details.

5. Optional configuration steps:

    a. Windows: Select the box to start license server on reboot

    b. UNIX:

        i. Choose links to the start-up commands and set parameters from the FLEXlm configuration.

        ii. Specify whether FLEXlm will start on reboot (for security purposes, PTC recommends that FLEXlm run in a non-root environment).

Are you ready? The installation will begin as soon as you click on yes.

Tips:

- Environment Settings you should be aware of:

  LM_LICENSE_FILE or PTC_D_LICENSE_FILE (specify the name of the license server or servers. The first setting is global for any software using FLEXlm, while the second is specific to PTC software only. For release Wildfire or later, use the second option).

  Setenv PTC_D_LICENSE_FILE port@hostname

  PROE_FEATURE_NAME (specifies the list of licenses to attempt to grab on start-up, as well as start-up options or floating options). Example:

  Setenv PROE_FEATURE_NAME PROE_FOUNDATION PROE_CUSTOMER (32, 168)

- License timeout: Pro/ENGINEER licenses can time out due to inactivity (registered by menu picks). Default time out occurs at two hours, but this time can be modified from 20 minutes to whatever time you require. If a license times out, the system will try to reclaim the license for the user when they next select a menu, but if it is not available it will give them the option to save, retry or exit. Pro/ENGINEER checks with the license server (license refresh) every minute, with no grace period.

- More on FLEXlm—there is an entire end user manual online at: www.ptc.com/cs/doc/reference/ENG-PWP-EN-FLX.PDF.

  It contains information for administrators and users, and includes a section on troubleshooting. It also explains how log files automatically generated on your system can be useful debugging tools.

  (Note: a PTC online account is required.)

Pro/ENGINEER Wildfire

PTC.Setup will provide screens guiding you through the following key steps:

1. Specify the Pro/ENGINEER installation directory, your desired language and the components/sub-components to install.

2. Select the license server, specifying where Pro/ENGINEER will obtain a license:

    a. Single license server (must enter the name of the server machine);

    b. Triad license server (a triad is a fault tolerant configuration that utilizes a set of three server machines to distribute a set of floating licenses on any hardware on its network);

    c. Node Locked license server (a license file must reside in a permanent location on the client machine).

3. Specify a license command, and attach a license to it. You can also attach floating options to the command.

4. Add any optional configuration steps, and then begin the installation.

5. Exit, and get ready to start designing.

After following the information above, and referencing the various sources noted, you should be well on your way to finding out what all the Pro/ENGINEER Wildfire hype is about. Pro/ENGINEER Wildfire adds a whole new level of excitement to your design activities.