

## Pro/ENGINEER Install Instructions for JHU Users

WF4: MED-100NT-CD-360\_M040 (32 bit Win XP & Vista)

MED-100I64-CD-360\_M020 (64 bit Win XP & Vista)

- Sept 2, 2008 -

*If you are a registered student of a CAD class, please use the instructions given for the class!*

1. If applicable, uninstall all versions of pro/Engineer and everything related erasing their folders.
2. Download all installation files. These are the pro/ENGINEER install files including pro/MECHANICA. The graphics library is handy and the other libraries are optional depending on your application.
3. Unzip the files in separate folders anywhere on the HD (you can delete them once done), or create CDs.
4. Create a folder named C:\PTC (or on a different drive). You will override the default installation directories to this base folder. Create the folders: C:\PTC\proe and C:\PTC\lib for the pro/ENGINEER + pro/MECHANICA and library files respectively.
5. Pro/E uses a flexnet floating license management maintained by a license server. JHU's pro/E license server is:  
IP: 128.220.28.21  
Name: mecadlabsvr.me.jhu.edu  
If you are on the JHU network you have direct access to it, skip to step 7.
6. If you have an off-campus IP, you may use JHU's VPN service to gain access to the license server with your JHED password.
7. If you are using a network firewall, allow TCP communications to and from the file server on port 7788. Other ports may also be required (such as TCP on 1026), and can be found with a network "sniffer" such as windows's netstat -ano, or by observing the firewall logs.
8. Install the **Libraries**. One by one run the Setup files for the libraries you chose and install them in separate folders under C:\PTC\lib\.
9. Next install **Pro/ENGINEER** (& Mechanica). Override the directory to C:\PTC\proe. Install the default components and choose any additional ones depending on your application. For example, you may consider adding Mechanica, Options/Vericut, Distributed Pro/Batch.
10. Next, under the FLEXlm License Servers dialog, add a Single License Server with the hostname 128.220.28.21. Leave the default port 7788. If successful, the license server 7788@128.220.28.21 will be displayed in the FLEXlm dialog with several license modules. If this is not responding or takes a long time take a look at the network connection and firewall settings.
11. On the next page, you may specify the startup directory, for example C:\PTC\lib\myLib\Start. There you may later add your preferred options in a config.pro file and other options.
12. Uncheck all Additional license configurations, and proceed with the install.
13. Erase desktop shortcuts created keeping only the ProEngineer shortcut.

14. Start Pro/E from the desktop shortcut. This may take a short while on the first startup.

**Notes:**

1. These installation settings may be changed at a later time by running:

`C:\PTC\proe\bin\ptcsetup.bat`

2. The status of the flexlm license server may be checked with:

`C:\PTC\proe\bin\ptcstatus.bat`

3. The flexlm license server can be configured to use a specific port (1026) by editing the license file

DAEMON directive:

`#DAEMON ptc_d __PTCD_PATH__`

`DAEMON ptc_d "C:\Program Files\flexnet\i486_nt\obj\ptc_d.exe" "C:\Program Files\flexnet\licensing\ptc.opt" port=1026C:\PTC\proe\bin\ptcstatus.bat`