

Information Services and Technology

Our Top Three Most Requested Services

# Pro/ENGINEER and Pro/MECHANICA Installation Guide

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The Pro/ENGINEER installation consists of three parts.

- PART 1 Install Pro/ENGINEER
- PART 2 Install Pro/E Mechanica
- PART 3 LINK Pro/E Mechanica to be used within Pro/ENGINEER

NOTE: Be sure to complete the installation steps for ALL three parts; otherwise, the software will not function as needed for your coursework at NJIT.

### PART 1 – Install Pro/ENGINEER

- 1. Connect to the NJIT network. If you are off-campus, you must establish a VPN connection
- 2. Connect to IST's software website: http://ist.njit.edu/software/ and search for PTC Pro/Engineer Wildfire 3.0
- 3. Click Download
- 4. Login
- 5. Download Disk 1 and Disk 2 to your computer.



- 6. Click on the first file to extract all files from a zip folder Disk1. (Create that folder)
- 7. Click on the second file to extract all files from a zip folder to Disk2. (Create that folder)

WinZip	
<u>.</u>	I.
Extracting Setup.ini	
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8. Click on Setup.exe file to start installation located in Disk 1 folder.

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Details 🛞	uninstall	PTC.Setup PTC	
			1.

9. Installation begins.



10. Select United States from the pull-down menu and click Next



11. Check I Accept the Agreement Terms and Conditions and click Next



### 12. Click Pro/Engineer



13. Change the Destination Folder to C:\ptc\proeWildfire 3.0

Expand the **Options** feature

Change the red X to "Install this feature" for the following:

- · JRE
- · Mold Component Catalog
- · Pro/Plastic Advisor
- · VERICUT (R) for Pro/ENGINEER

Change the red X to "Install this feature" for Pro/FEMPOST

### Click Next







15. IMPORTANT: Pro/ENGINEER uses an NJIT license server. Please be sure that your computer is connected to the NJIT network. If you are offcampus, you must establish a VPN connection.

Select Triad license server (fault tolerant) and specify the following hostnames:

Triad partner 1 – ucslic2.njit.edu

Triad partner 2 - ucslic1.njit.edu

Triad partner 3 - ucslic3.njit.edu

Then click **OK** 



16. Click Next



10. Change the Startup Directory to C:\temp\ProE and click Next



11. Make sure ALL boxes remain un-checked and click Install



12. The installation process will begin.....



13. Click Browse and choose Disk 2 folder. Click OK



14. The installation process will continue....



18. If the Java installation screen appears, click Next; OTHERWISE skip to step 24



19. Click Next



20. Click Next



### 21. Click Finish



### 22. Click No

(DO NOT RESTART THE PC: The Pro/ENGINEER installation is not complete yet)



- 23. The Pro/ENGINEER installation will continue.....
- 24. Choose Next when installation complete

# D

### PART 2 – Install Pro/E Mechanica

25. Click on Pro/ENGINEER Mechanica



26. Expand the Verification Models feature

Change the red X to "Install this feature" for the following:

Structure

Click Next



## 27. Click Add



28. **IMPORTANT:** Pro/E Mechanica uses an NJIT license server. Please be sure that your computer is connected to the NJIT network. If you are offcampus, you must establish a VPN connection.

Select Triad license server (fault tolerant) and specify the following hostnames:

Triad partner 1 – ucslic2.njit.edu

Triad partner 2 - ucslic1.njit.edu

Triad partner 3 - ucslic3.njit.edu

Then click  $\mathbf{OK}$ 

<ul> <li>Single license server</li> <li>Triad license server (fault tolerant)</li> <li>Locked license file (no server running)</li> </ul>				
	Hostname	Port		
Triad partner 1	ucslic2.njit.edu	7788		
Triad partner 2	ucslic1.njit.edu	7788		
Triad partner 3	ucslic3.njit.edu	7788		
	ucsiico.njit.edu			

### 29. Click Next



30. Change the Startup Directory to C:\temp\ProE and click Next

PTC.Setup - Pro/EN	IGINEER WI	ldfire 3.0 (M050)	
			<sup>⊗</sup> ртс•
			Windows Preferences
- Instau	tions		
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Star	tup Directory	C:\temp\ProE	
Windows Environment Preferences			
	Modify system environment for all users     Modify current user's environment only		
Help 🕶			<back next=""> Ext</back>

31. Make sure ALL boxes remain un-checked and click Install



32. The installation process will continue....



33. Once the installation is complete, click  ${\bf Next}$ 

# 3

33a. Click Exit



33b. Click Yes



### IMPORTANT: RESTART YOUR COMPUTER

Once the computer is restarted, go back to the folder Disk 1 and click on setup.exe

Choose United States from the pull-down menu and click Next

Check I Accept the Agreement Terms and Conditions and click Next

### PART 3 – LINK Pro/E Mechanica to be used within Pro/ENGINEER

34. Click Pro/ENGINEER



### 35. Click Next



## 36. Click No



37. Click Next



### 38. Click Next



39. Check Configure Other Product Interoperability and click Next



40. In the Mechanica field, type the following location: C:\ptc\mechWildfire 3.0

If Pro/Mechanica is installed in a different location on you computer use the yellow folder icon (to the immediate right of the Mechanica field) to browse to the installation location for Pro/Mechanica on your computer.

#### Click Install



41. The installation process will begin.....



42. Once the installation is complete, click Next



43. Click Exit



### 44. Click Yes



Congratulations! All three parts of the Pro/ENGINEER installation are now complete.

Remove the installation disk from your CD Drive

# Please REBOOT your computer

If you have any questions, please contact the Computing Helpdesk at (973) 596-2900.

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Maps & Directions

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