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AMSAT Installation Instructions for OrCAD 16.0, Revision F

You will be using TCP port 5280 and another high numbered port (varies over time) in the background to contact the license server so you may need adjustments to your firewall to accommodate these connections.

GETTING STARTED:

Go to Hhttp://www.cnssys.com/~w2gps/amsat_files/cadence/H and download the disk image files (ISO) for the latest version of OrCAD. Also download the ATxxxxxx.txt file and instruction files.

User: amsat, PW eaglep3ehpsdr.

Use these to create your own CD-R disks and then load a disk_1 to begin the installation process. These images were created with MagicISO (Hwww.magiciso.comH). Alternatively you can mount the ISO file without creating a disk using the freeware program MagicDisk (Hhttp://www.magiciso.com/tutorials/miso-magicdisc-overview.htmH).

The following instructions are for OrCAD 16.0 but should work for other versions as well.

The OrCAD 16.0 version created from the installation disks has program errors that may cause the programs to fail to work correctly. It is strongly recommended that you download the service pack file ISR3_ORCAD16.00.005_wint_1of1.zip and install it immediately after completing the following instructions for installing the baseline program. Even then you may find that some modules like OrCAD PCB Editor report an error and will not start. If so follow the instructions on the last page.

[Continued on next page]

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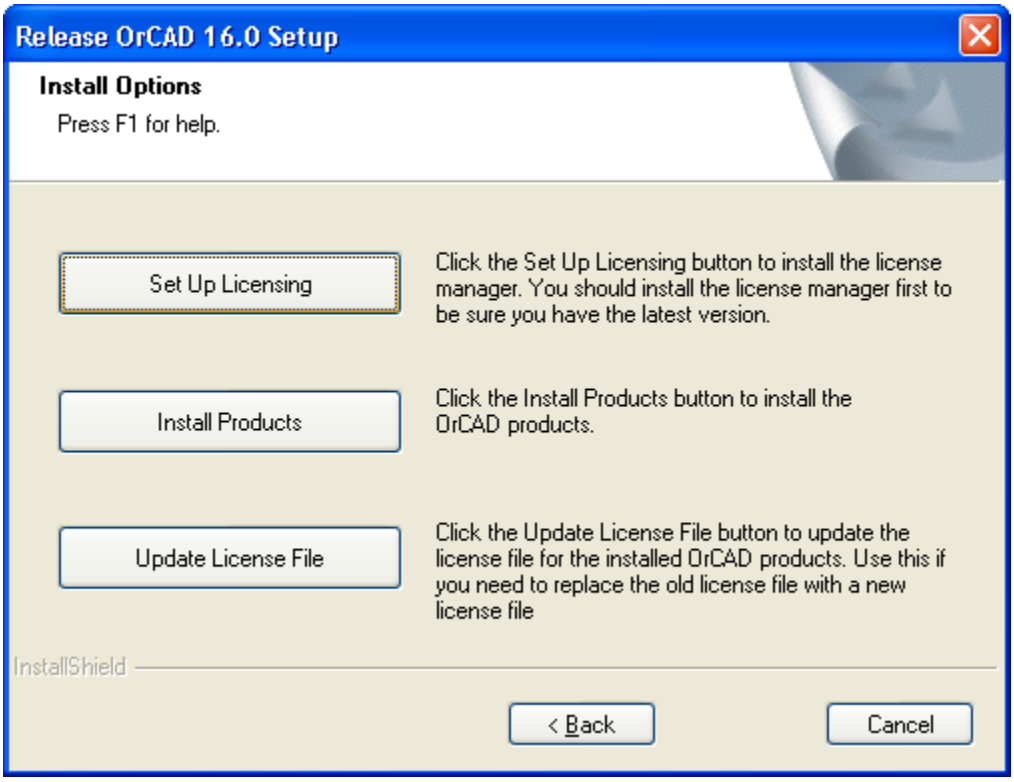
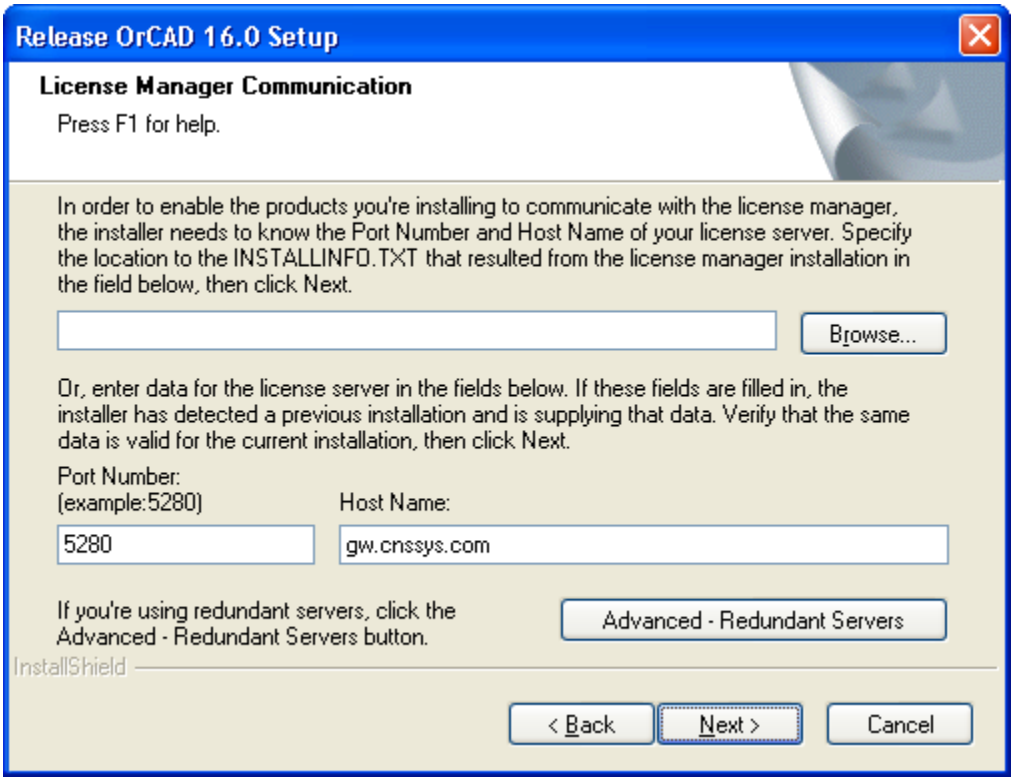
When you start the installation you will see this screen.



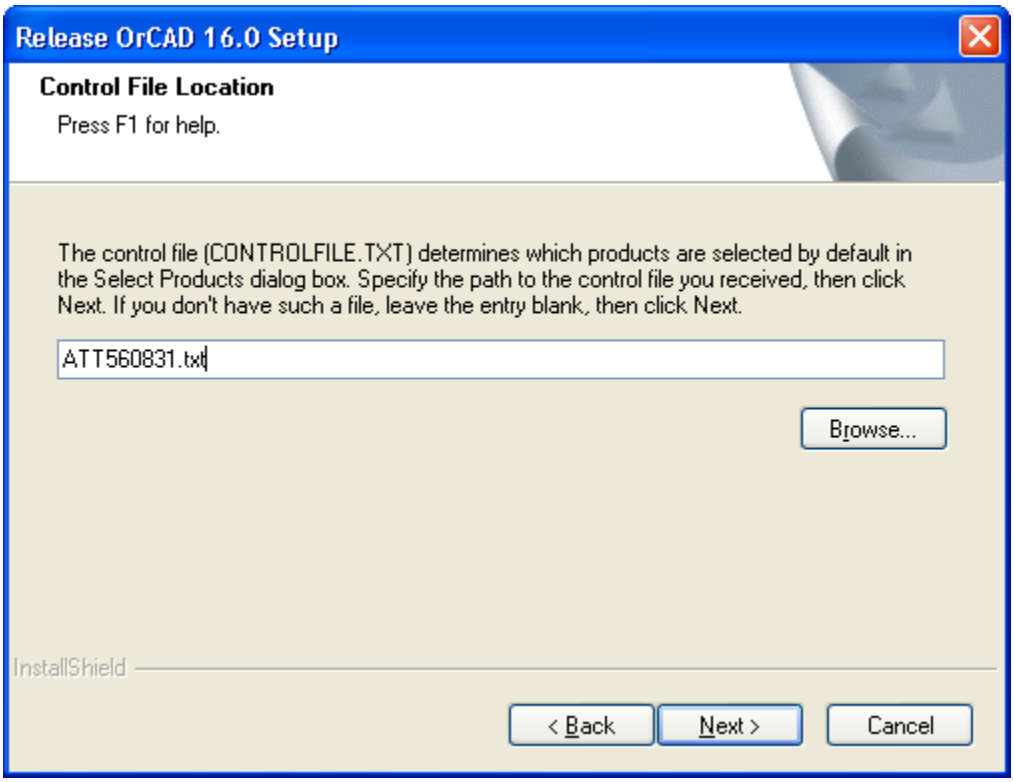
Pick “Install Products. Ignore the other two buttons; you do not want to go there.

When you see the following screen, fill it in exactly as shown.

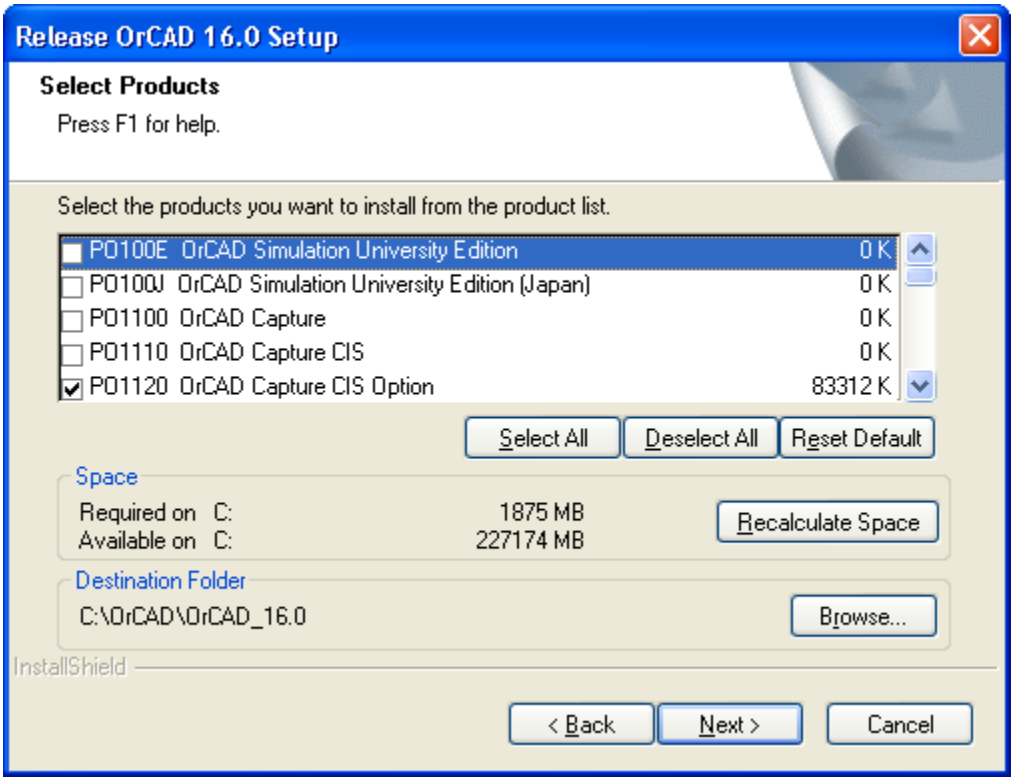


Remember, you will be using TCP ports 5280 and one other (often changing) user space port in the background to contact the license server so you may need adjustments to your firewall to accommodate these connections.

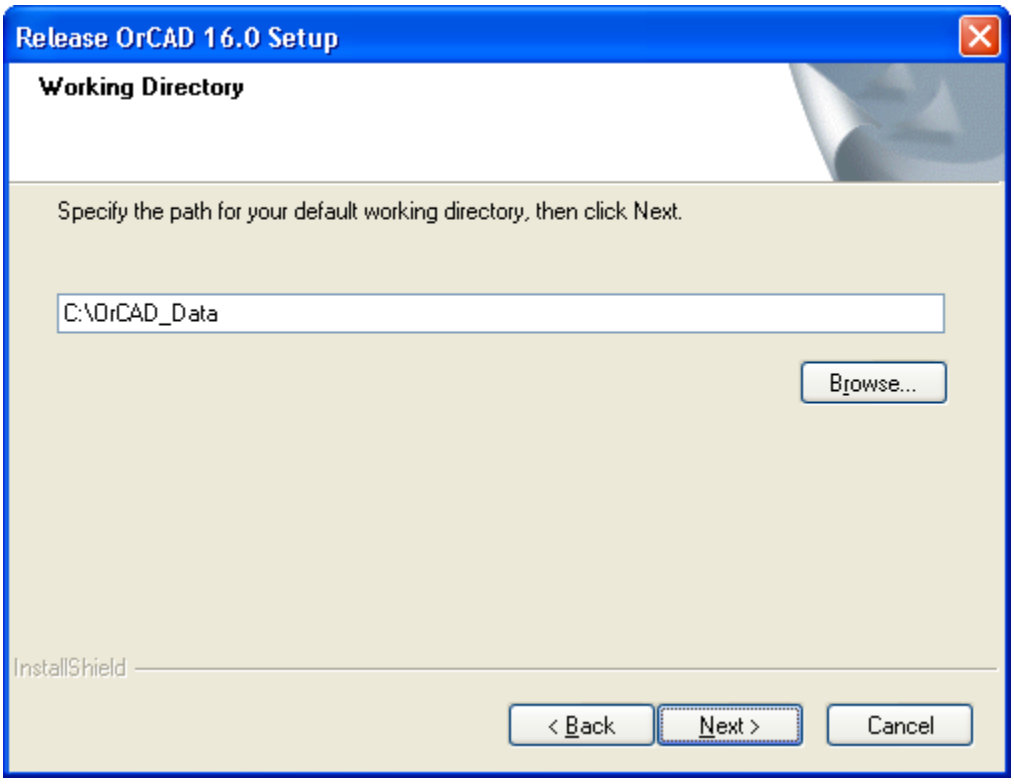
When asked for the control file point to the text file you downloaded. It can be anywhere you want, you won't need it again. ***NOTE: THE FILE NAME MAY CHANGE SINCE THE SCREEN CAPTURE BELOW WAS TAKEN. Use whatever ATTx..x.txt file was included in the download directory.***

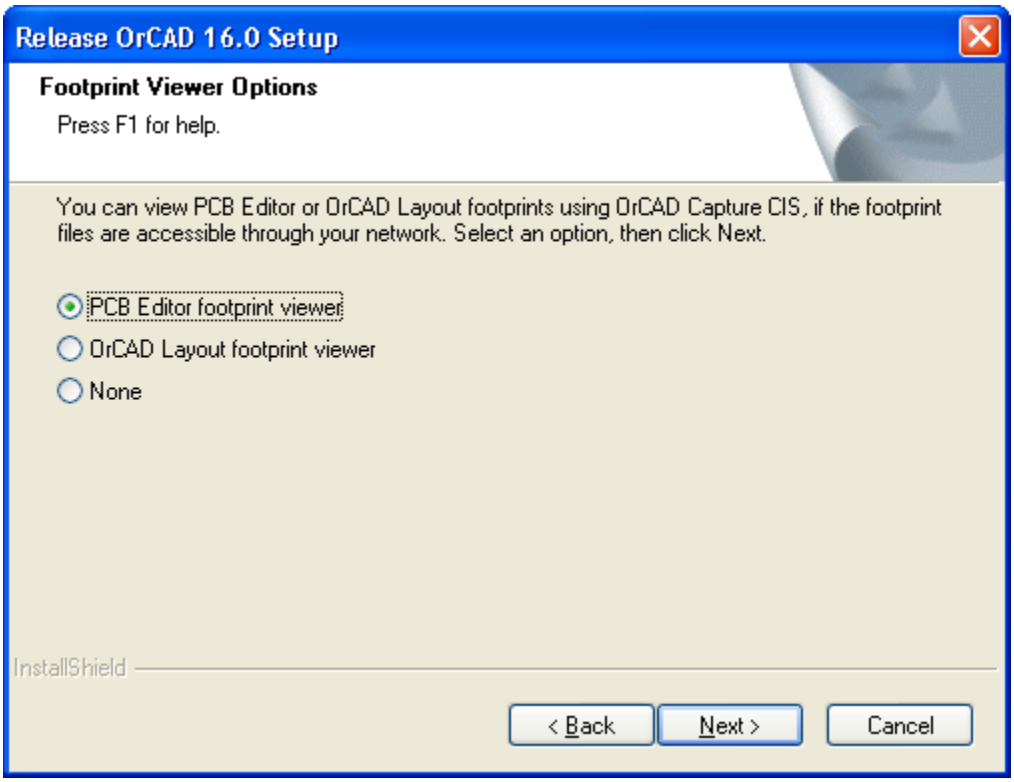


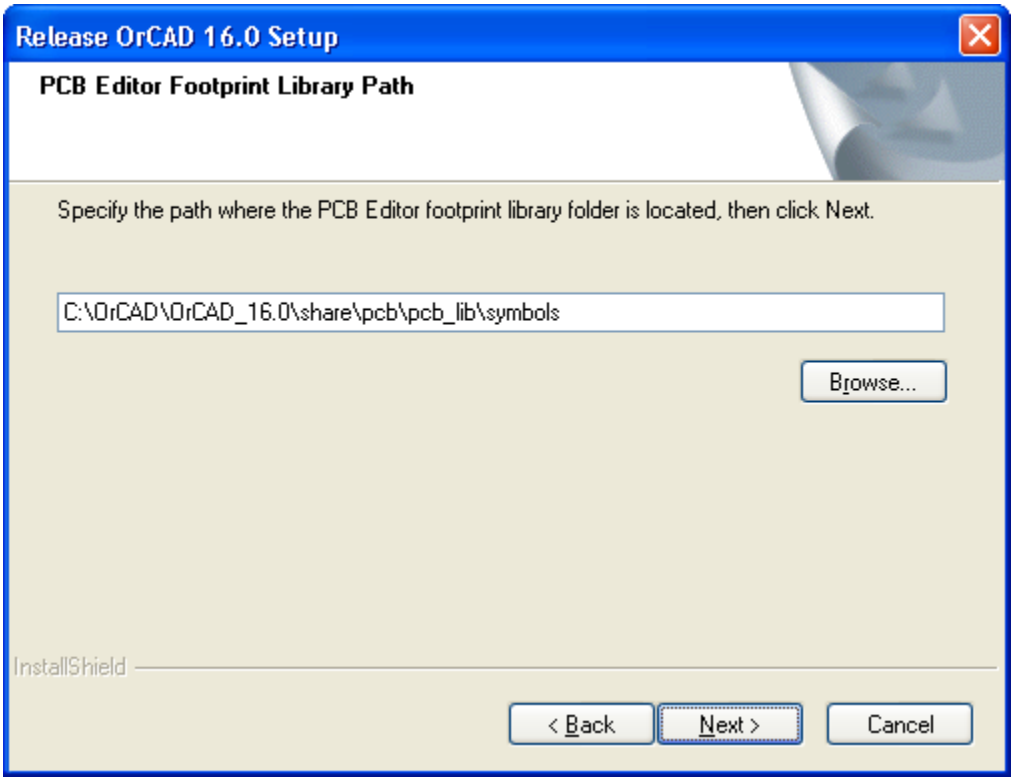
The result will be a sparse selection of packages to install. Do not worry, these are very powerful packages and there is a lot of overlap with the packages not selected. If you do load other packages the license server will reject them (unless they are subsets of a supported package like Capture or Capture CIS). Loading a subset would be redundant.

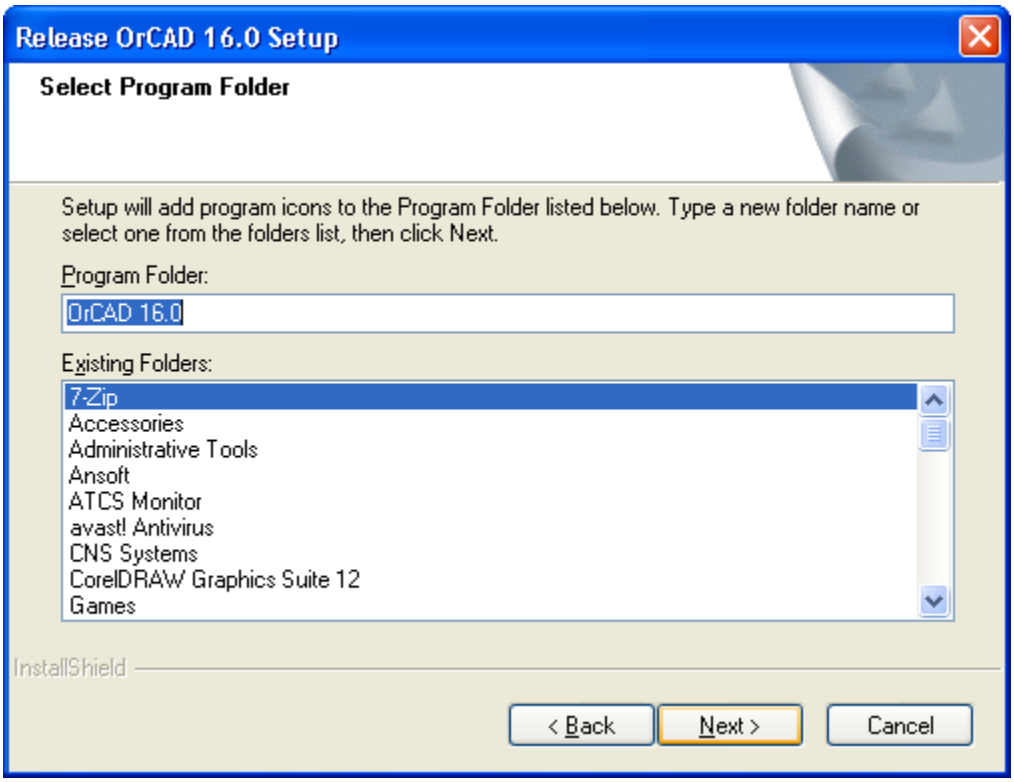


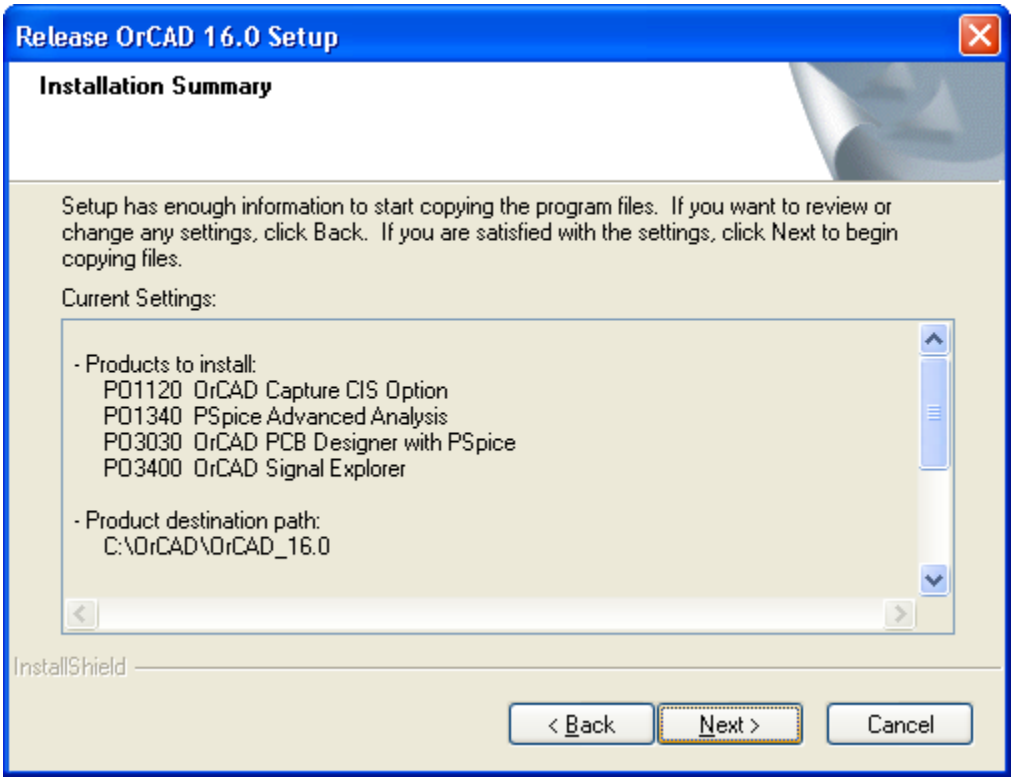
Here's how the rest of my screens looked as I made choices.

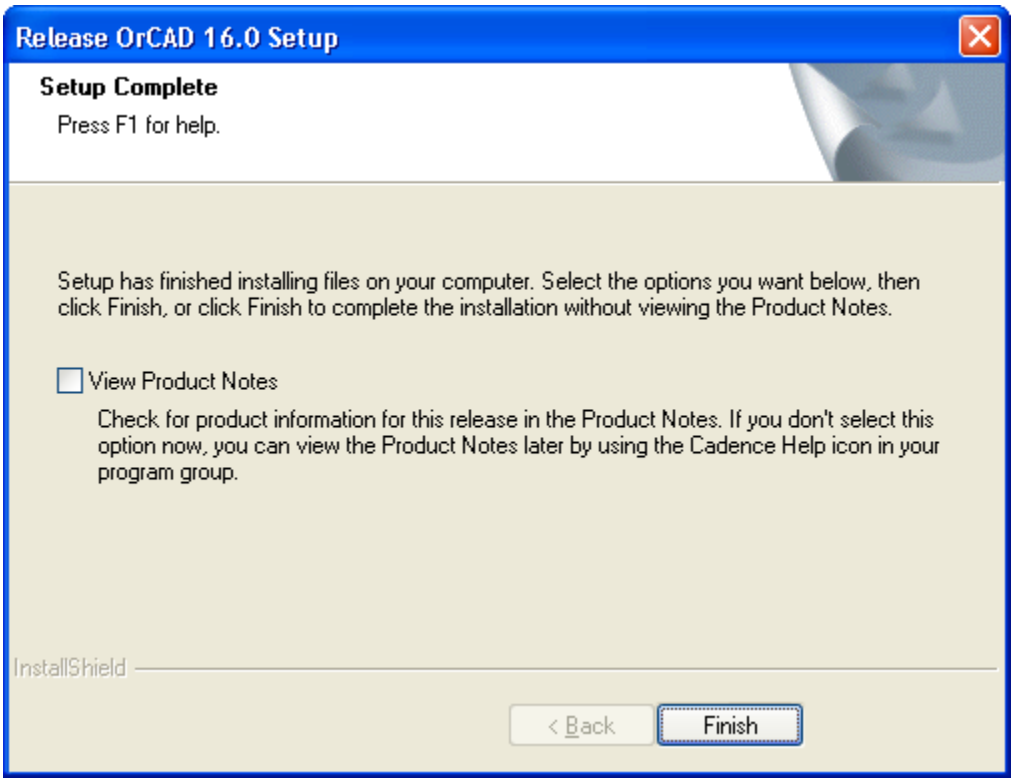



Release OrCAD 16.0 Setup
Footprint Viewer Options
Press F1 for help.
You can view PCB Editor or OrCAD Layout footprints using OrCAD Capture CIS, if the footprint files are accessible through your network. Select an option, then click Next.
PCB Editor footprint viewer
OrCAD Layout footprint viewer
None
InstallShield
< Back
Next >
Cancel


Release OrCAD 16.0 Setup
PCB Editor Footprint Library Path
Specify the path where the PCB Editor footprint library folder is located, then click Next.
C:\OrCAD\OrCAD_16.0\share\pcb\pcb_lib\symbols
Browse...
InstallShield
< Back
Next >
Cancel


Release OrCAD 16.0 Setup
Select Program Folder
Setup will add program icons to the Program Folder listed below. Type a new folder name or select one from the folders list, then click Next.
Program Folder:
OrCAD 16.0
Existing Folders:
7-Zip
Accessories
Administrative Tools
Ansoft
ATCS Monitor
avast! Antivirus
CNS Systems
CorelDRAW Graphics Suite 12
Games
InstallShield
< Back
Next >
Cancel


Release OrCAD 16.0 Setup
Installation Summary
Setup has enough information to start copying the program files. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin copying files.
Current Settings:
- Products to install:
PO1120 OrCAD Capture CIS Option
PO1340 PSpice Advanced Analysis
PO3030 OrCAD PCB Designer with PSpice
PO3400 OrCAD Signal Explorer
- Product destination path:
C:\OrCAD\OrCAD_16.0
InstallShield
< Back
Next >
Cancel



EXTRA STEPS:

- The OrCAD 16.0 version created from the installation disks has program errors that may cause the programs to fail to work correctly. It is strongly recommended that you download the service pack file ISR3_ORCAD16.00.005_wint_1of1.zip and install it immediately after completing the following instructions for installing the baseline program.

- Even then you may find that some modules like OrCAD PCB Editor report an error and will not start.

    - Open the PATH_Prefix_for_OrCAD.txt file and copy its contents.

    - Next, go to Control Panel -> System -> Advanced tab -> Environment Variable and the locate the variable Path. Paste what you copied onto the FRONT of the string in this window.

    - Review the contents of the PATH variable and remove entries that are redundant with those we just pated in. Entries ate delimited by semicolons (“;”).

    - Press ok to all the windows we opened up, re-launch OrCAD PCB Editor, and see if it resolves the errors you were seeing.