



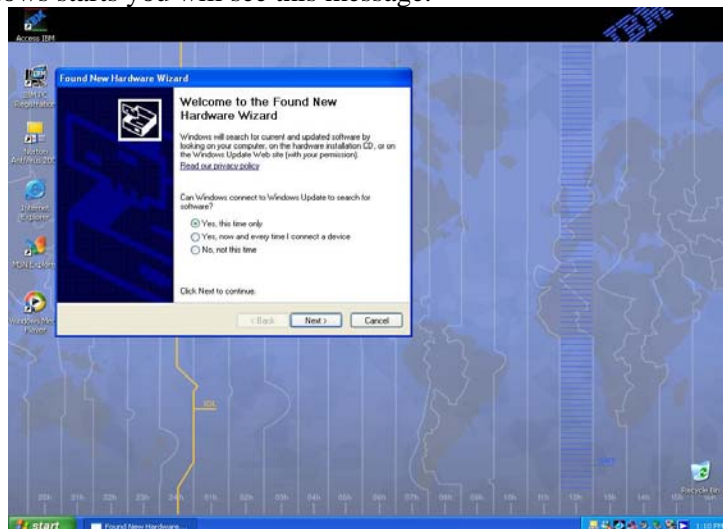
THERMO FLO BGA COMPUTER SET-UP INSTRUCTIONS

Computer Setup

1. Select proper voltage on the rear of computer.
2. Connect mouse, and keyboard to computer.
3. Plug the Monitor connector into the standard Monitor plug in.
4. Turn on computer to begin computer setup.

Microsoft Windows XP Set-up

1. The first screen you will encounter is the "Welcome to Microsoft Windows" screen click next to continue setup.
2. The second screen sets the region, language, and the type of keyboard. All settings should be US English.
3. The third screen is asking you if you would like to protect your PC? Select not right now then click next.
4. The forth screen ask how will the computer connect to the Internet click skip.
5. The fifth screen is asking if you would like to register with IBM? Select "No, not at this time" and click next.
6. The next screen is asking if you would like to register with Microsoft? Select "No, not at this time" and click next.
7. The next screen is asking who will use this computer, type in the your name box "PACE WORLD WIDE". **You must enter a user name.**
8. The next screen is informing you of the Windows set-up click finished.
9. After Windows starts you will see this message.

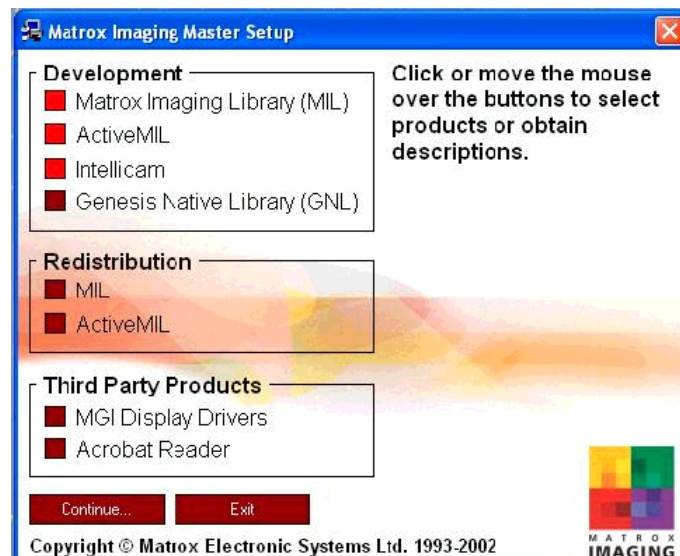


10. Select not at this time then click next.

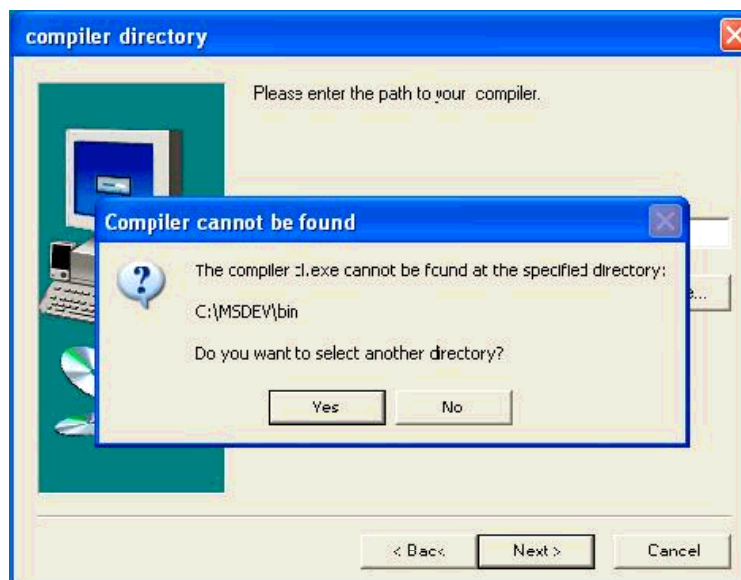
Software Setup

Loading Matrox Software.

1. Place Matrox CD-ROM into CD-ROM drive.
(Note when loading the CD-ROM into the CD-ROM drive make sure the computer is flat on the table)
2. The first screen of the Matrox software set-up should pop up, if not you will have to manually load the software, to do this:
 - A. First select the Windows start menu on the task bar.
 - B. Select "Run" option.
 - C. Type D:\setup.exe in the dialog box and select "Ok" the software should start running.
3. The screen you will encounter will be Matrox imaging master set-up screen.



4. Under Development section select
 - Matrox Imaging Library
 - ACTIVEMIL
 - INTELICAM
5. Then press continue.
6. The next screen is the MILLITE 7.10 (build 240), ACTIVE MILLITE 7.10, and the INTELICAM 2.07 set-up screen, select option next.
7. The next screen you will encounter is the software license agreement you select option yes.
8. The next screen will let you know the destination folder the software will be saved in on the "C" drive on the computer, example (C:\ProgramFiles\MatroxImaging) select option next.
9. The next screen is asking you if you would like to look for the compiler d. EXE in another directory, answer no.



10. The next screen is asking you to select the development tools to use with ACTIVEMIL, select:

- MICROSOFT VISUAL BASIC
- MICROSOFT VISUAL C++

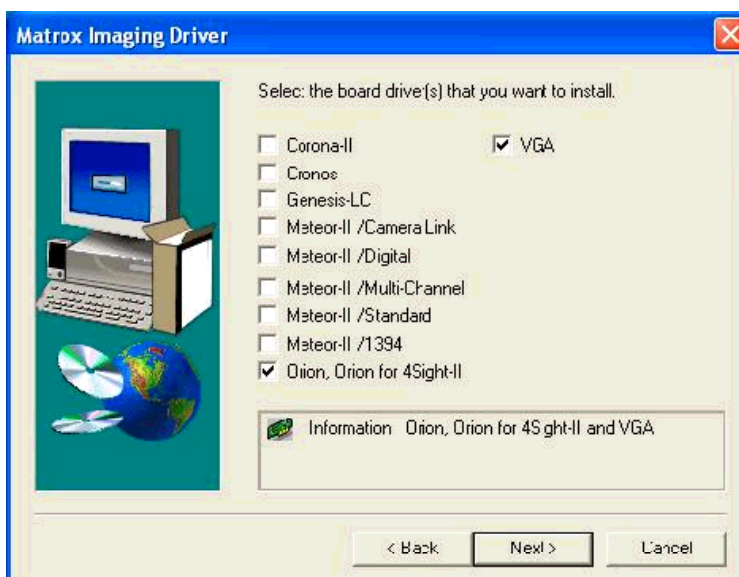
Then select next.

11. The next screen is asking you to select the Matrox imaging drivers you should select the boxes beside

- Orion, Orion for 4sight-I
- VGA

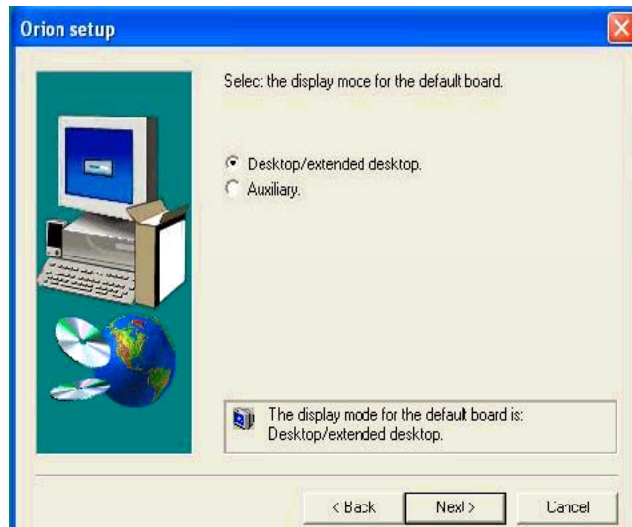
Then select next.

Refer to example below



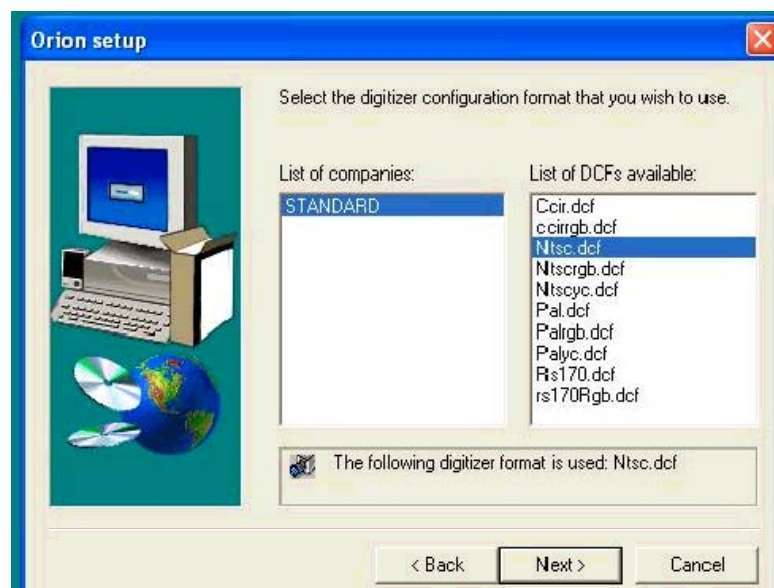
12. The next screen is asking you to select the default board driver, select Orion, Orion for 4sight-I then select next.

13. The next screen "Orion Setup" is setting the display mode for the default board. Select Desktop/extended desktop then click next.



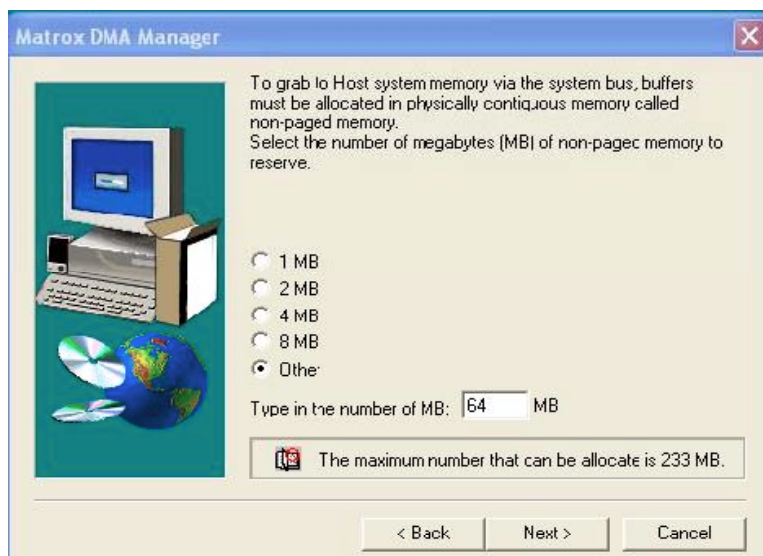
14. The next screen you are selecting the type of digitizer configuration format the options you should select are, standard for company, and NTSC.DCF.

Refer to Figure below

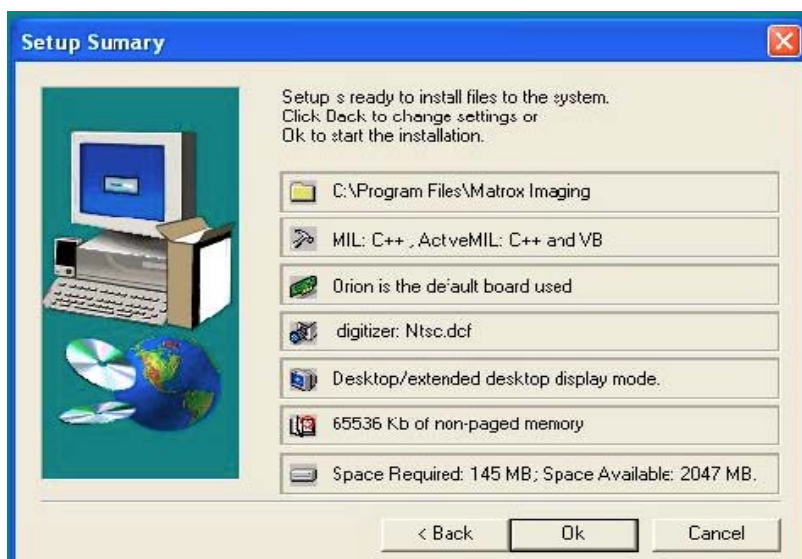


15. The next two screens is asking if you have a more recent copy of MIL 7.10 (build 240), select no and click next.
16. The next screen is asking you to setup the memory for the Matrox video card, select other then type in 64MB in the box and click next.

Refer to the figure below

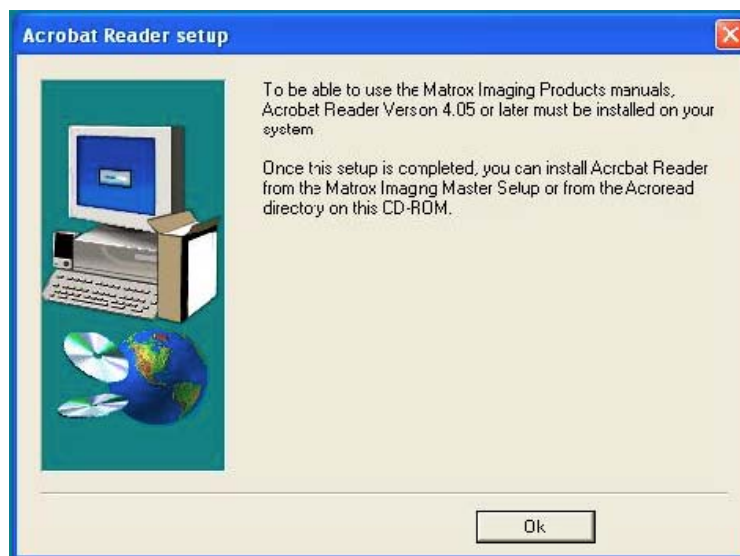


17. The next screen is showing you a list of the setup files that will be copied to the computer if it looks like the figure below click ok.

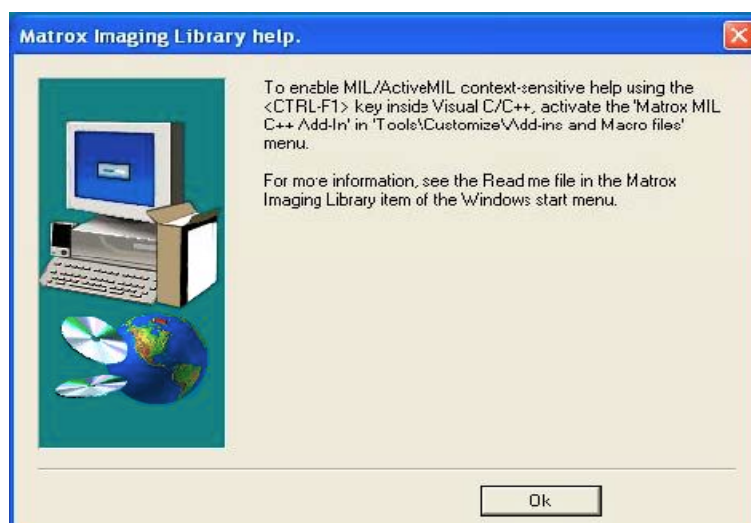


18. The next screen is an error message ignore it just click ok.
19. The next screen is setting up the Adobe Acrobat Reader click ok.

See next page

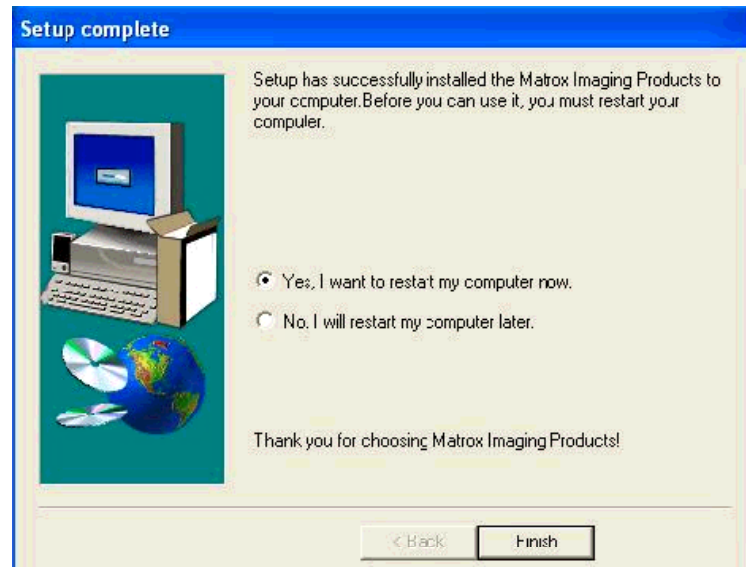


20. The next screen is setting up the Matrox Imaging Library help click ok.



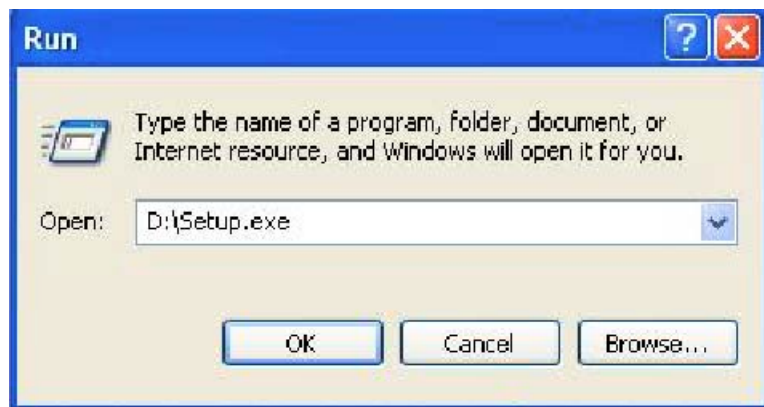
21. The next screen is letting you know that the first portion of Matrox setup is complete, is asking you if you would like to restart the computer now.
Select (yes, I want to restart my computer now) and click finish.

Refer to figure below



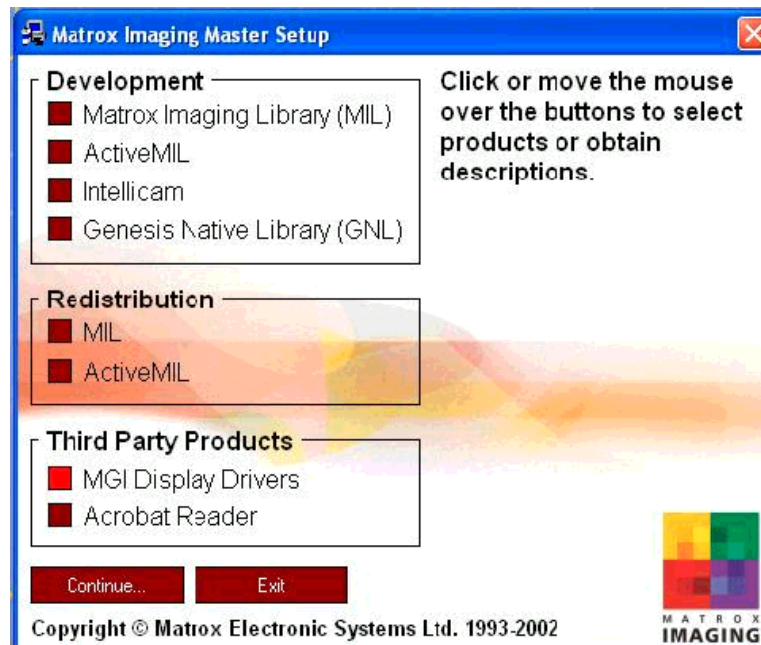
22. To start the second portion of the Matrox software load you must follow the steps below:
- A. First select the Windows start menu on the task bar.
 - B. Select "Run" option.
 - C. Type D:\setup.exe in the dialog box and select ok.

Refer to figure below



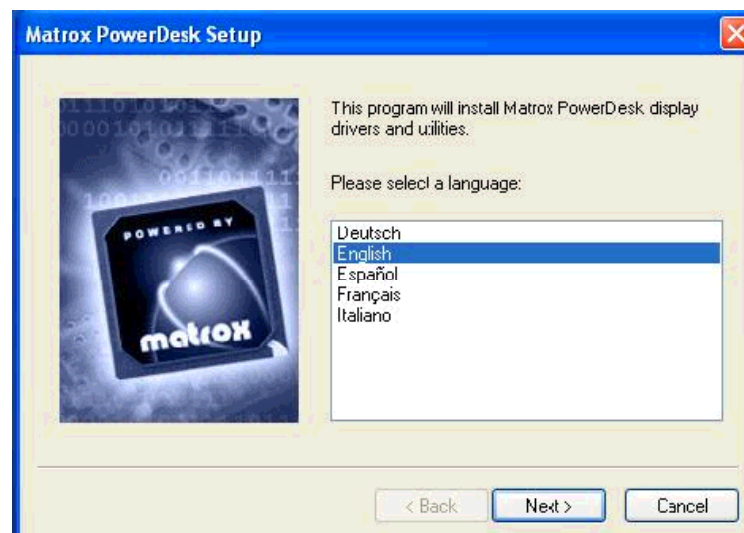
23. The first screen of the second portion of the Matrox software install you will encounter you will be setting up the Third Party Products, select MGI Display Drivers then click continue.

Refer to figure below



24. The next screen you will encounter is the Matrox Power Desk language setup screen select English as the language and click next.

Refer to figure below

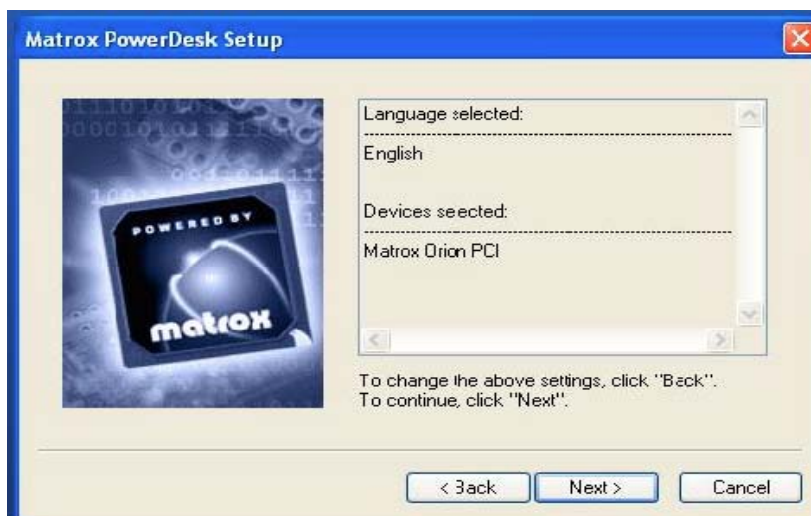


25. The third screen is letting you know that the software has detected the Matrox Orion PCI video card click next.

Refer to figure below



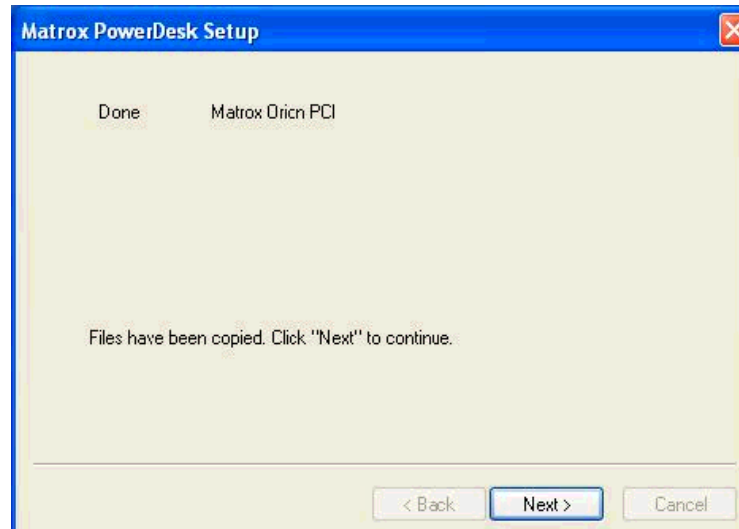
26. Screen above is a list of the video devices that are installed in the computer. Click next to continue installation.



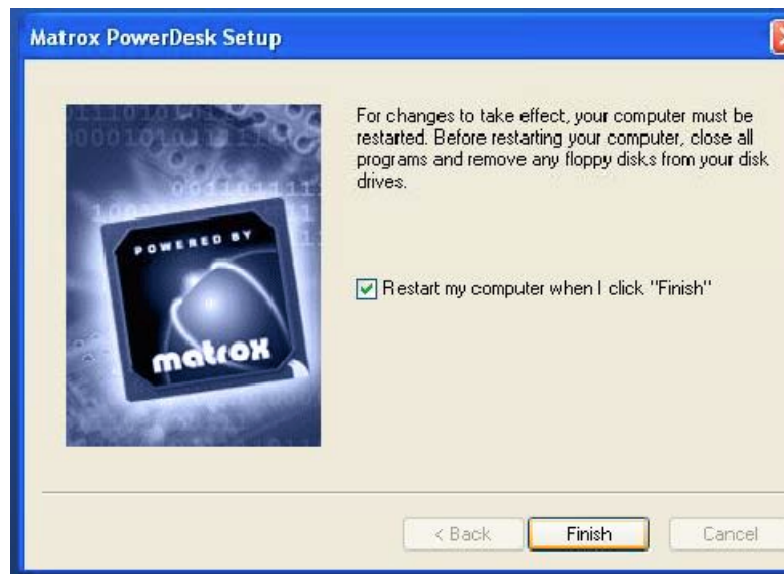
27. This screen is informing you the Language and Devices selected that you are going to install:
- Language, English
 - Device, Matrox Orion PCI device

If you see the items are correct click next, if not click back and reselect the proper items.

28. The screen below is informing you that the files have been successfully copied to the computer. Click "next" to continue.



29. Screen nine is informing you that the software has successfully installed click "Finished" to restart the computer.

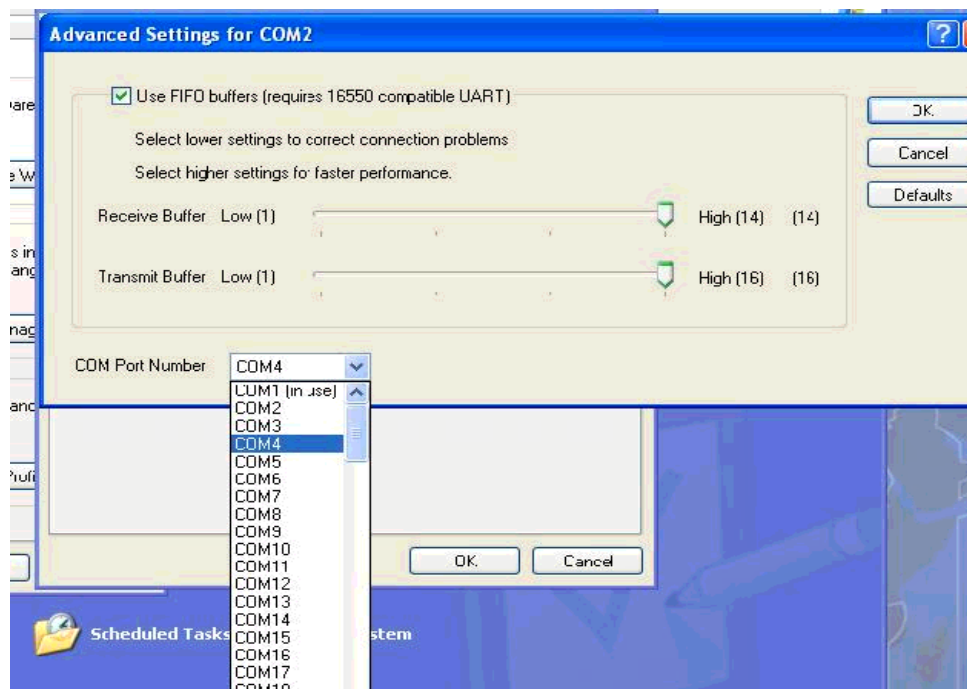


30. This completes the Matrox software configuration.

Configuring Computer Settings

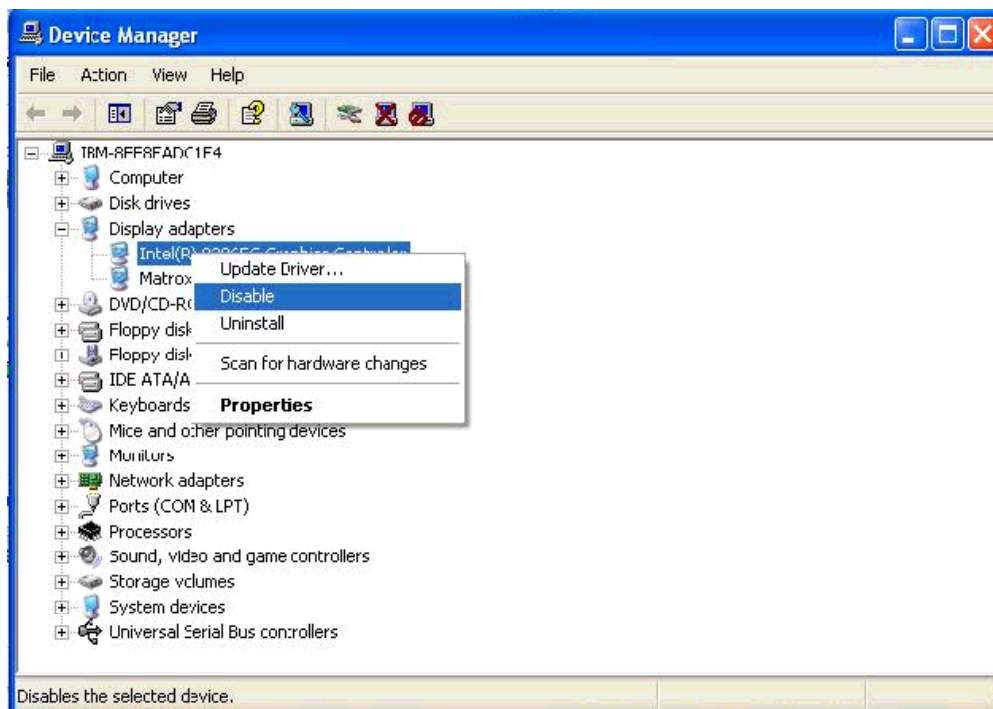
1. Right click on start menu then select My Computer from the options listed.
2. Once inside the control panel window select and right on Performance and Maintenance option.
3. Select System from options listed and right click.
4. This will open system properties then select system menu from the options listed and right click.
5. Select device manager and right click.
6. Select ports (COM & LPT) and right click.
7. Select communications port (COM2) and left click.
8. Select Properties and right click.

9. Select Port Settings and right click.
10. Then select Advanced Port Settings and right click.
11. Select COM Port Numbers then scroll down to select COM4 then right click "OK".



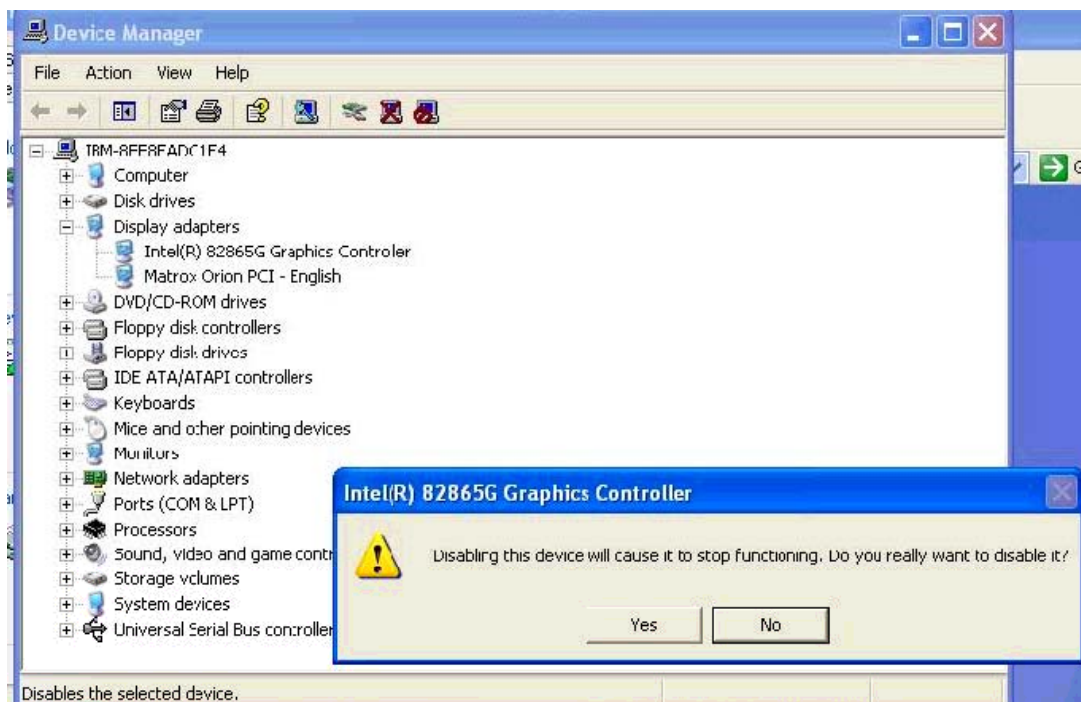
12. Select display adapters and double on it.

13. Select Intel 82865G Graphics Controller left click on it and select disable.



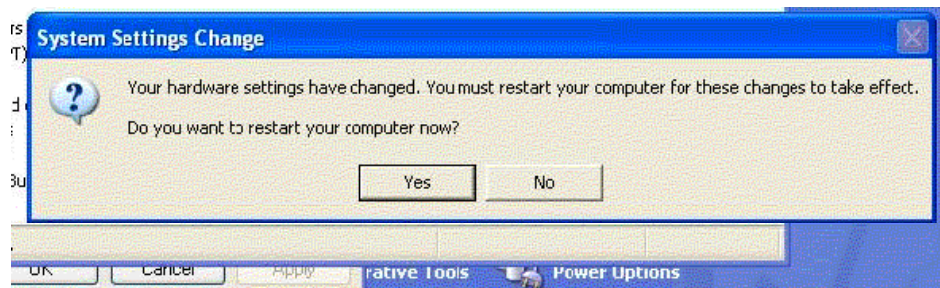
14. Then right click once on disable.

15. You will see the message window below open.



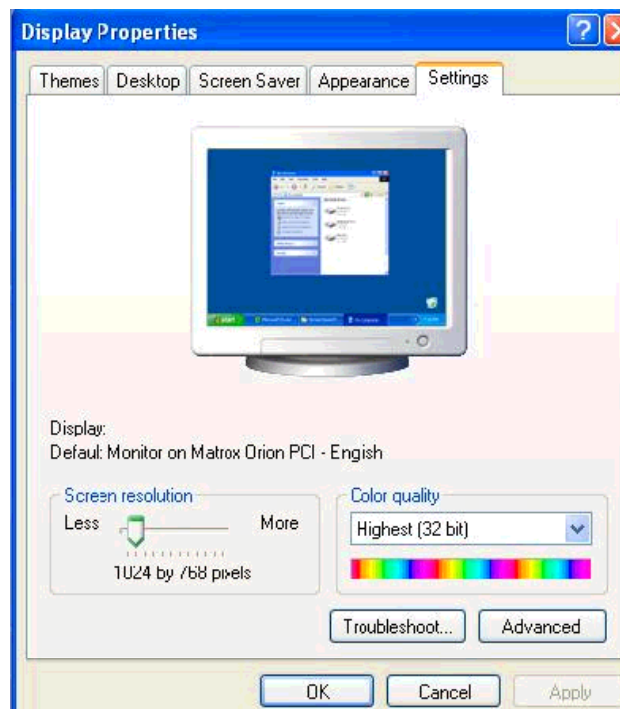
16. Click yes.

17. The next pop up window is alerting that for the hardware settings you have changed to take effect you must restart the computer click yes to do so.



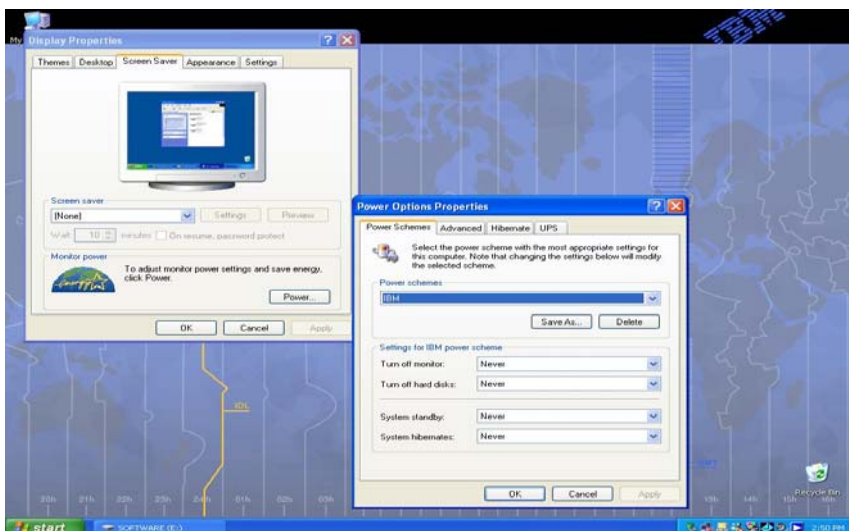
Note you must move monitor input to output of Matrox Video Card.

18. Now you are ready to change the display settings, to do so left click on the desktop.
19. Select Properties and right click.
20. Select the settings tabs in the display properties window. Change the screen resolution to 1024 by 768 pixels and the color quality to "Highest 32 bit".



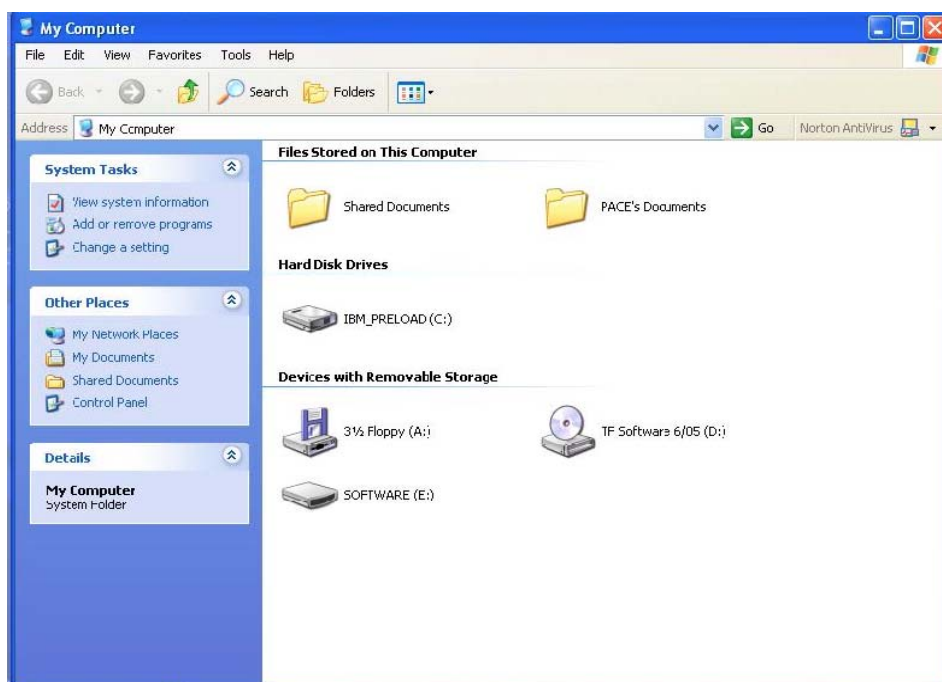
21. This completes configuration of computer settings.
22. Now you need to disable the screen savers and adjust monitor shut down.
23. Open display properties. Select screen savers. Then select power.
24. Set screen saver to none. IBM power schemes to never.
25. Click ok for both.

Refer figure below

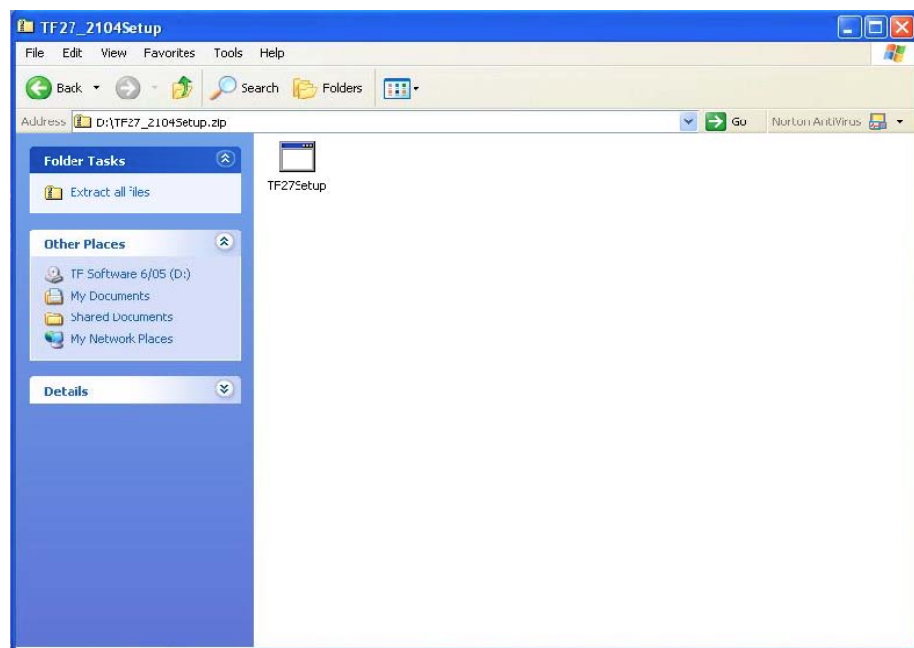
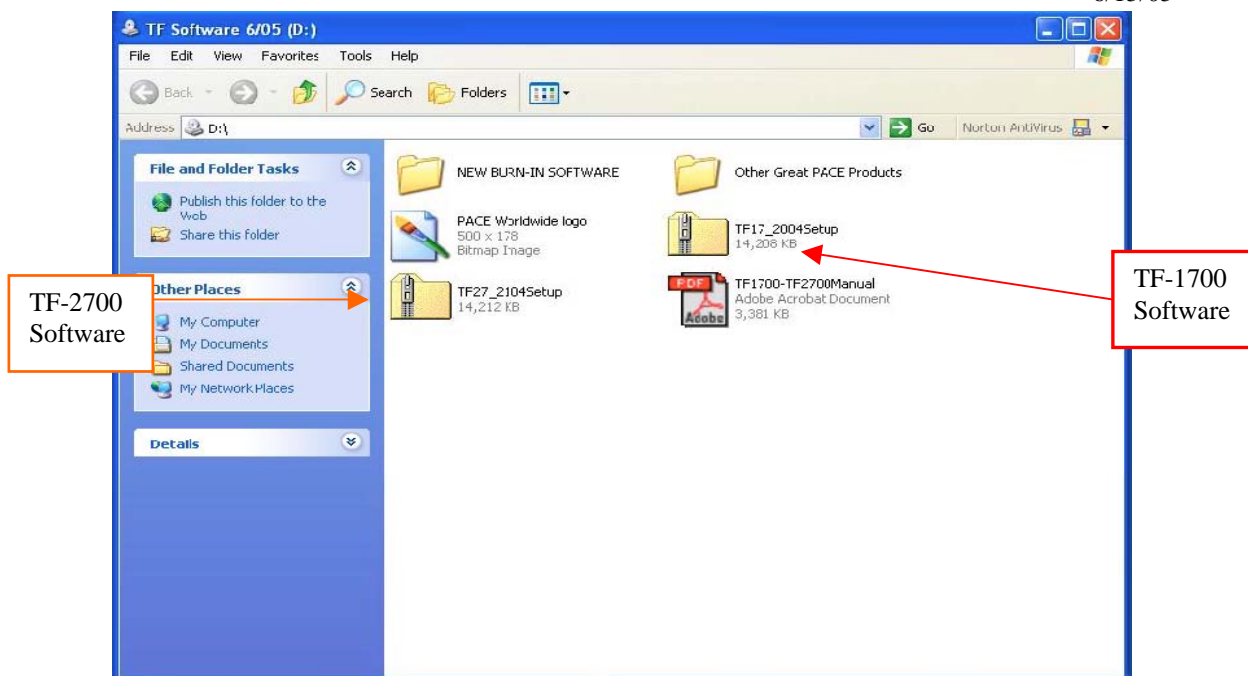


Installing **PACE THERMO-FLO Software**

1. Place CD marked "THERMO FLO SOFTWARE" into CD ROM Drive of computer.
2. Open CD using My Computer and select the Thermo-Flo software you would like to install.

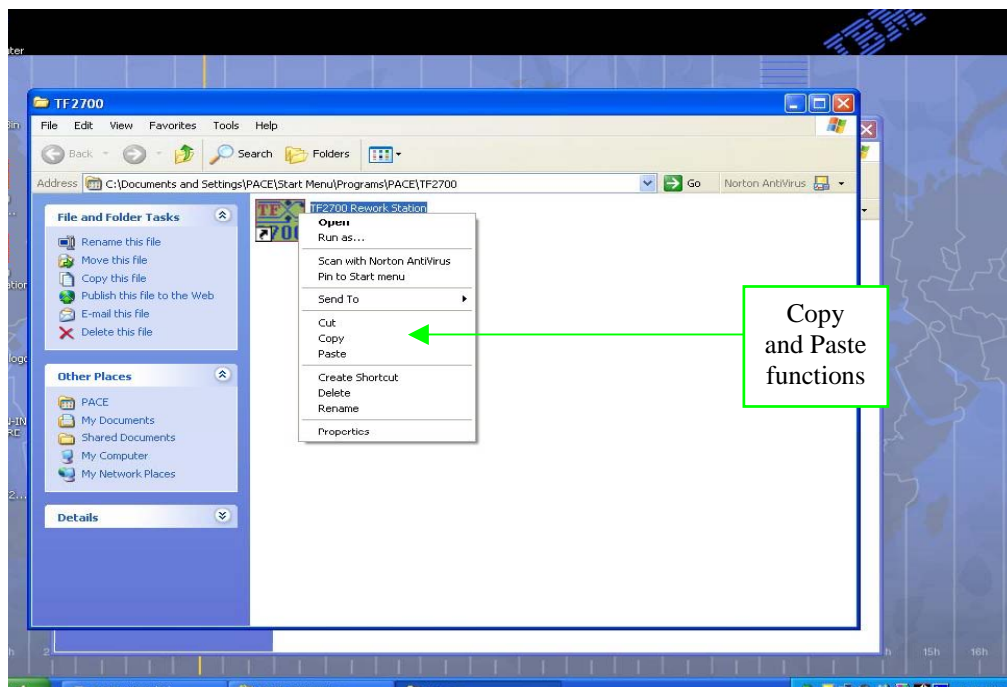


3. Double click on the CD ROM icon to open CD ROM drive.
4. Double click on the software folder for the machine under test.

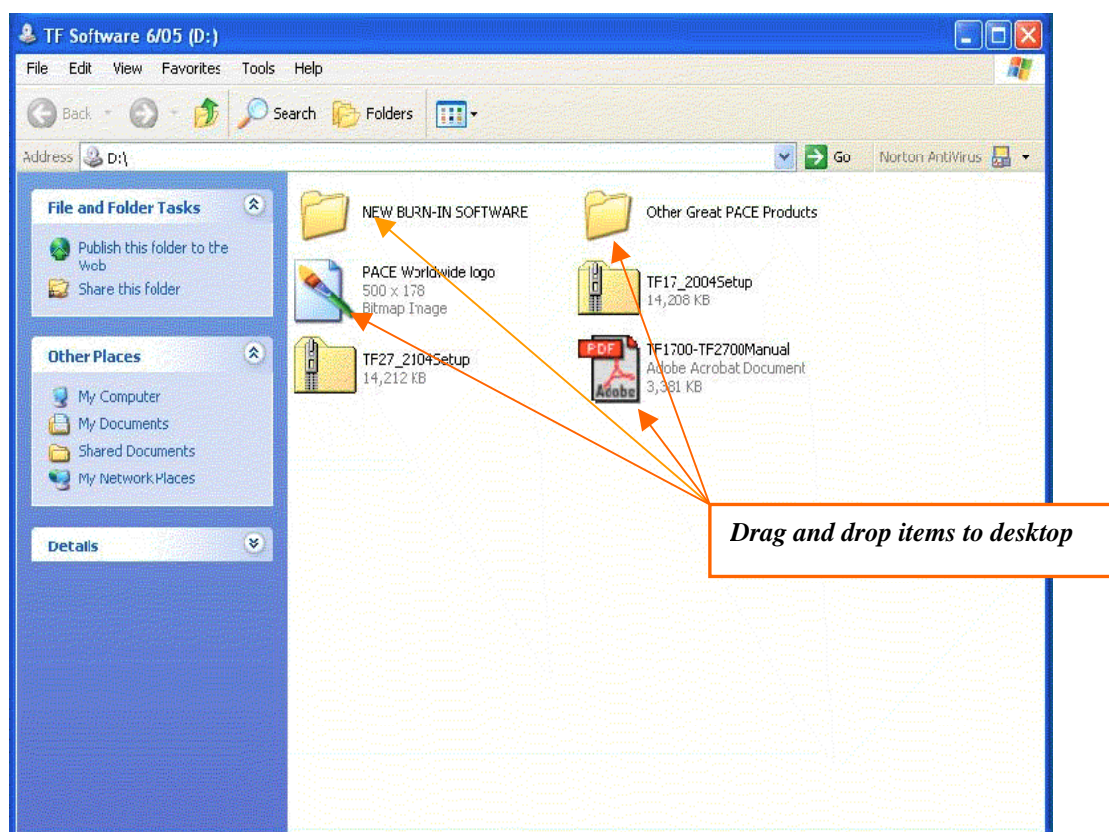


Note the image above is for example proposes only

5. Double click on the software executable to start software installation. Follow the screen instructions to load software.
6. After software has finished installing a window will popup. You must copy the software short cut to the desktop. To do so right click on the icon, copy icon, then right click on desktop, then paste icon to desktop.

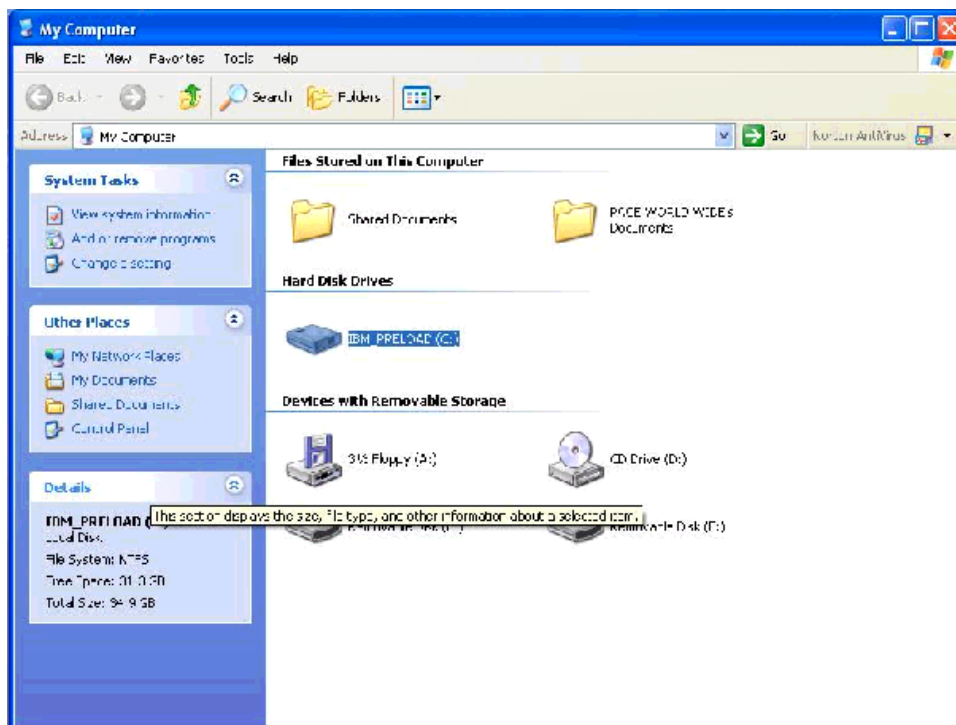


7. Now you must drag and drop the Burn-in software folder, PACE wallpaper, TF 1700/TF 2700 manual, and PACE other great products folder to the desktop.

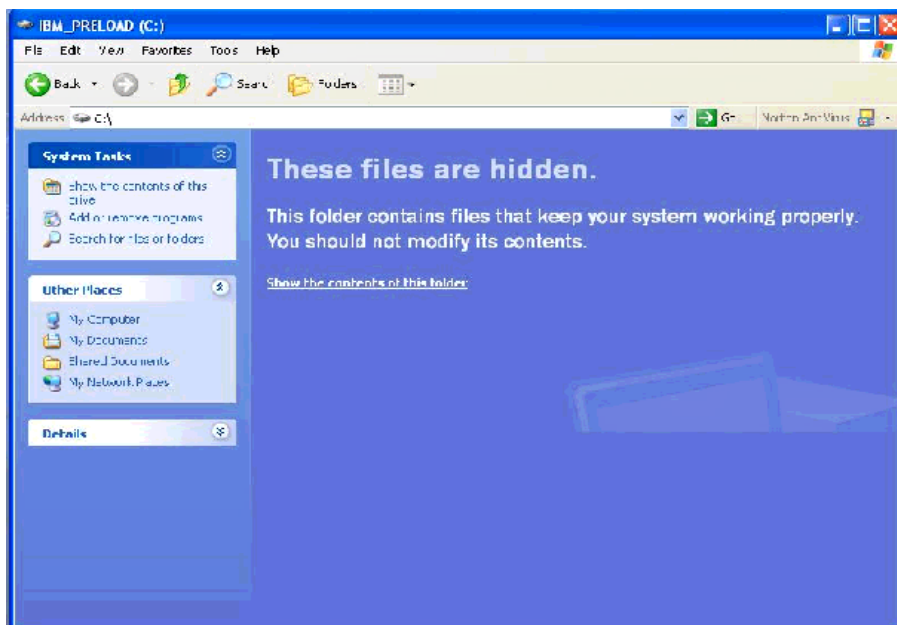


Installing Adobe Acrobat Reader Software

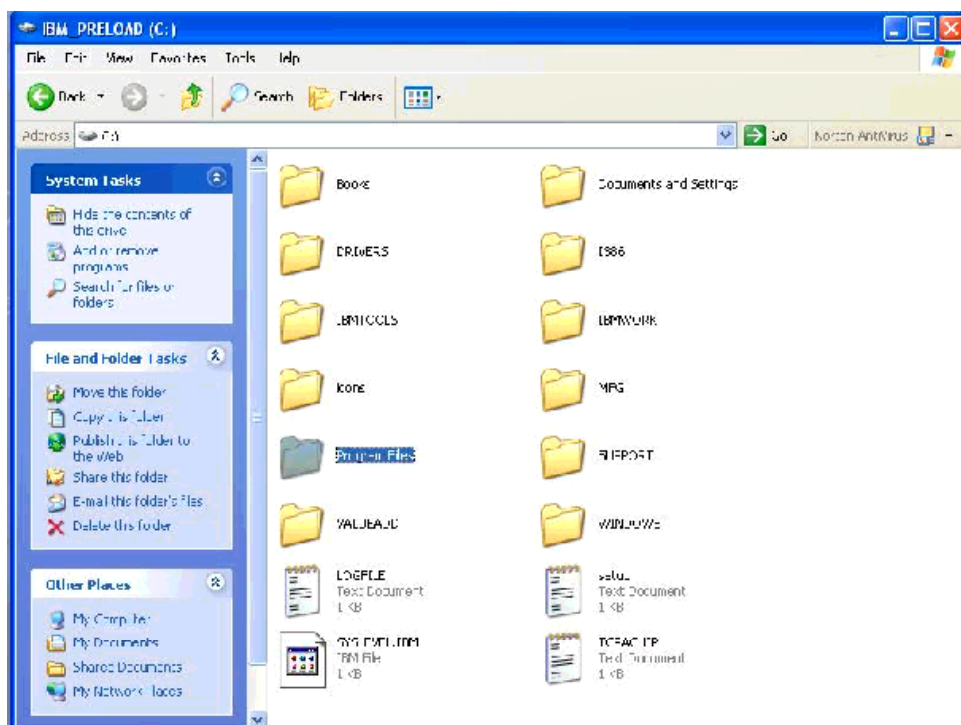
1. First click on start menu on the windows task bar, next select my computer from the options listed.
2. Double click on my computer, and then select C:\ drive.



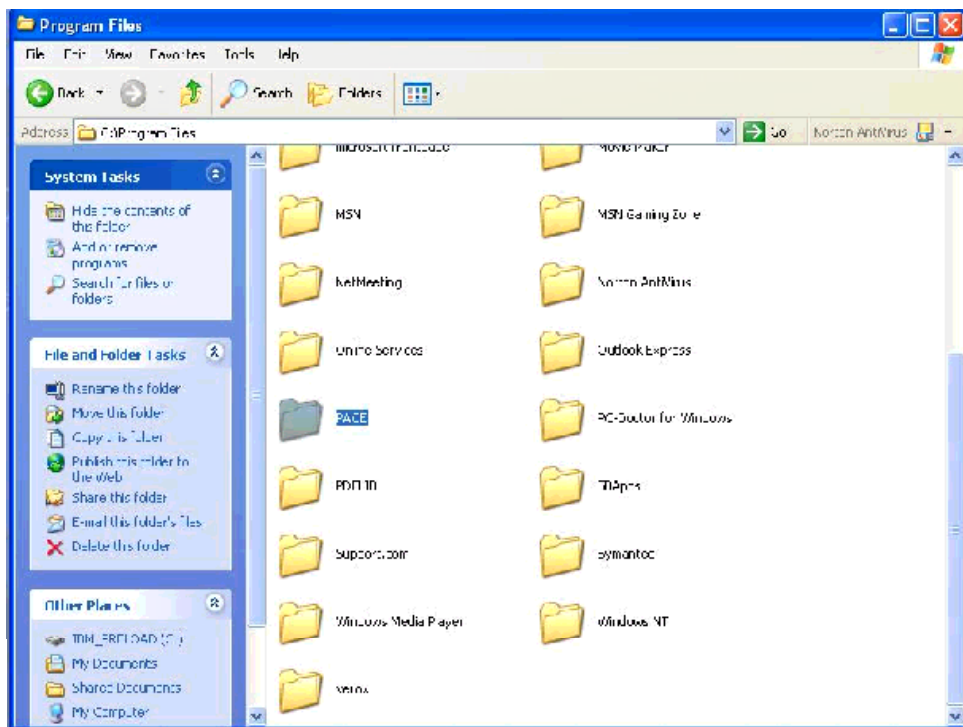
3. The next window you will see is that the contents of the drive are hidden double click on show all contents to access.



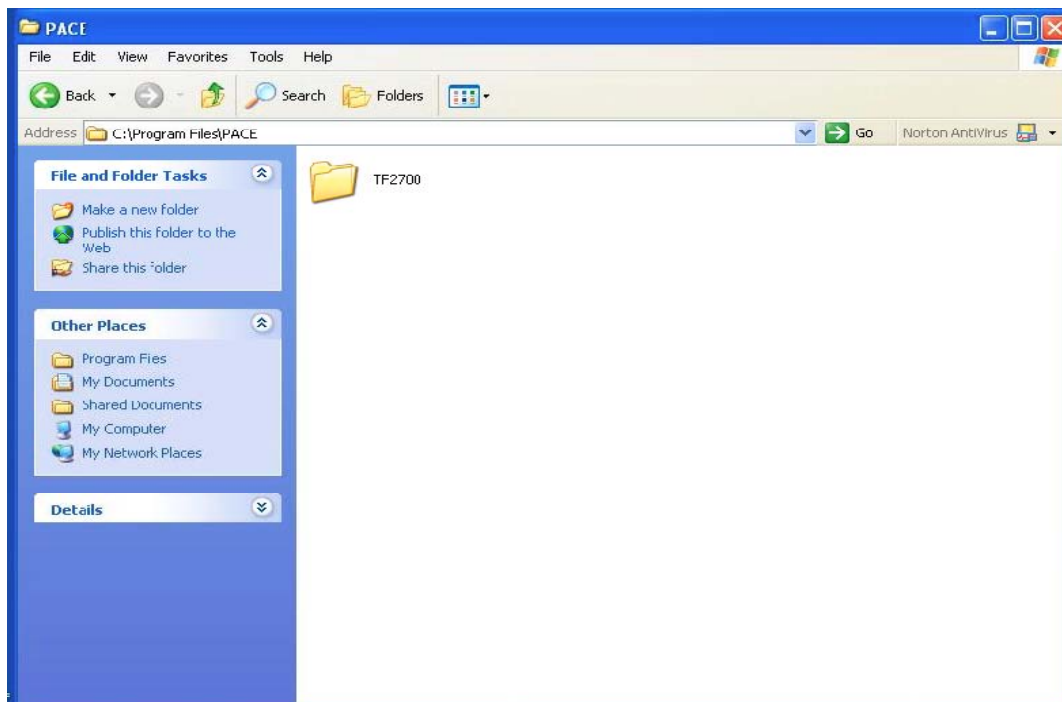
4. Select Program files folder and double click.



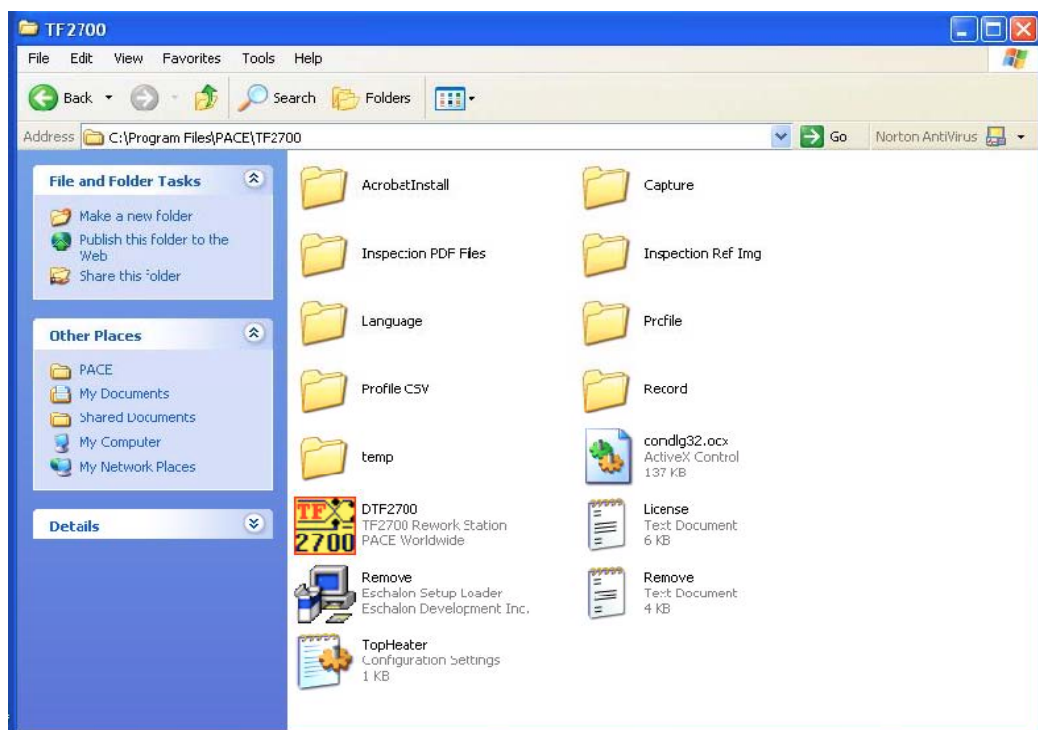
5. Next select the PACE folder and double click.



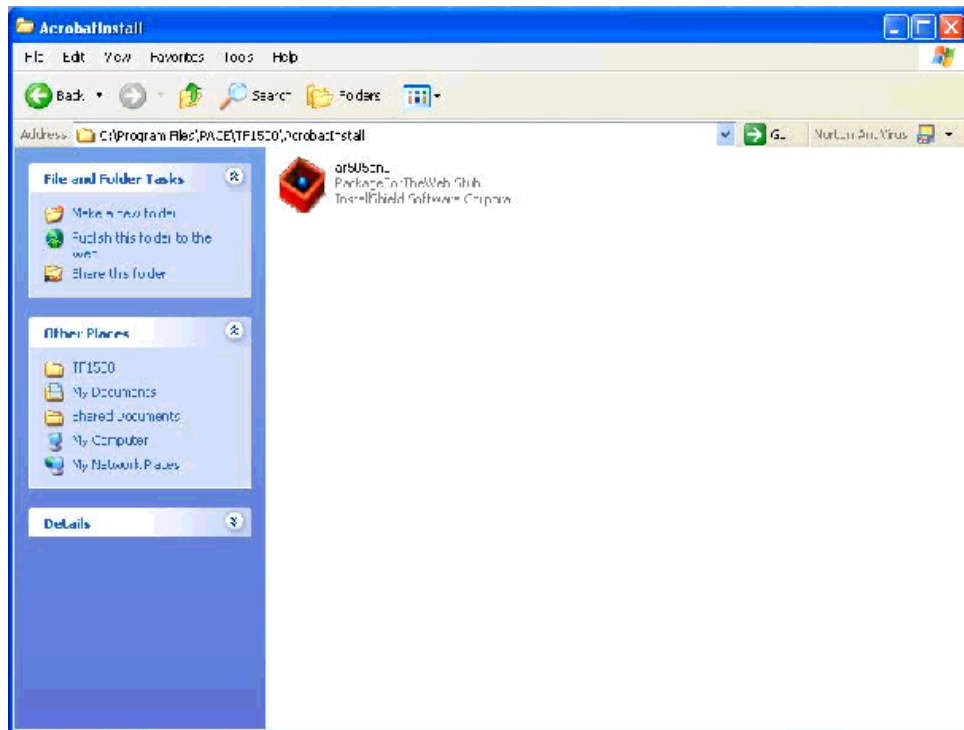
6. Then select the Thermo-Flo machine folder and double click.



7. Select the Adobe Install folder and double click.



8. Double click on Acrobat install shield.



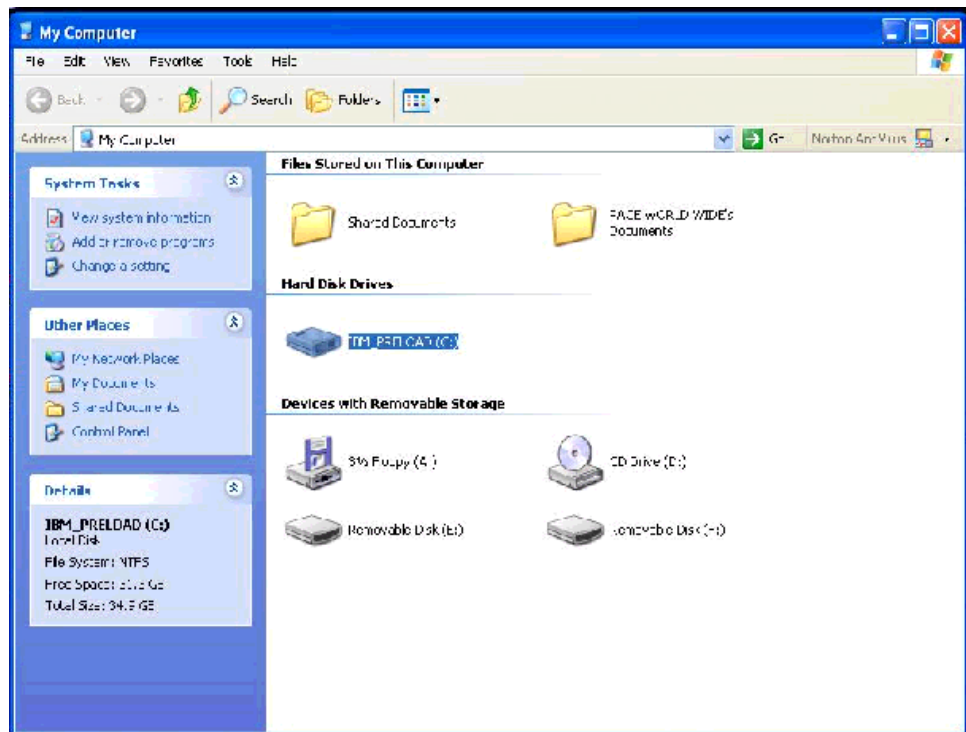
9. Then click next to start the Adobe Reader installation.



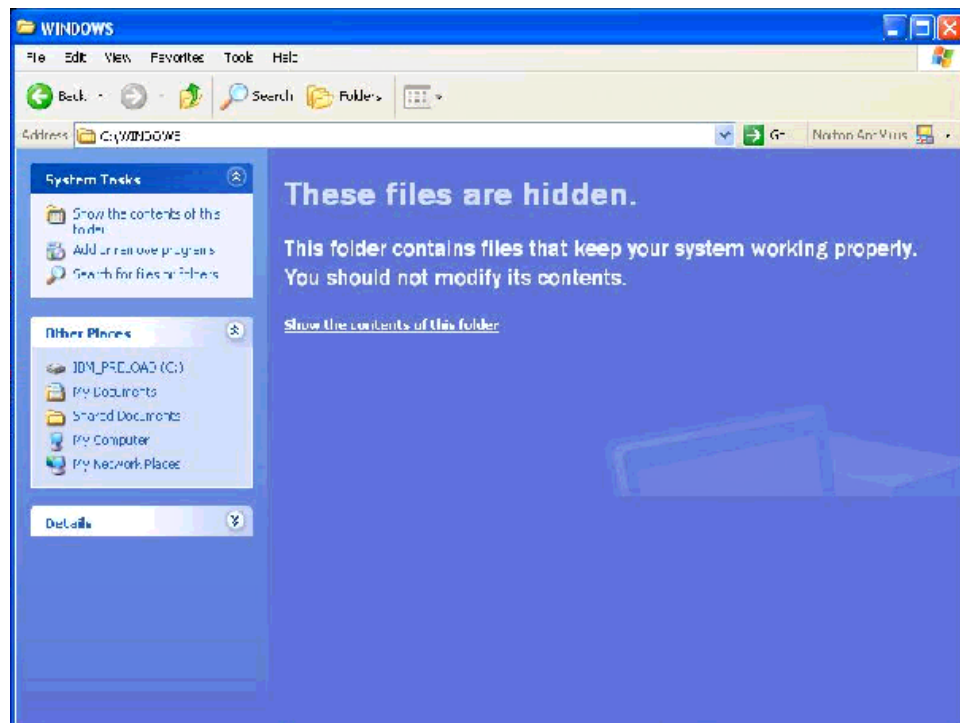
10. Follow the on screen instructions to load Adobe Reader.

Installation of PACE WORLD WIDE Desktop background

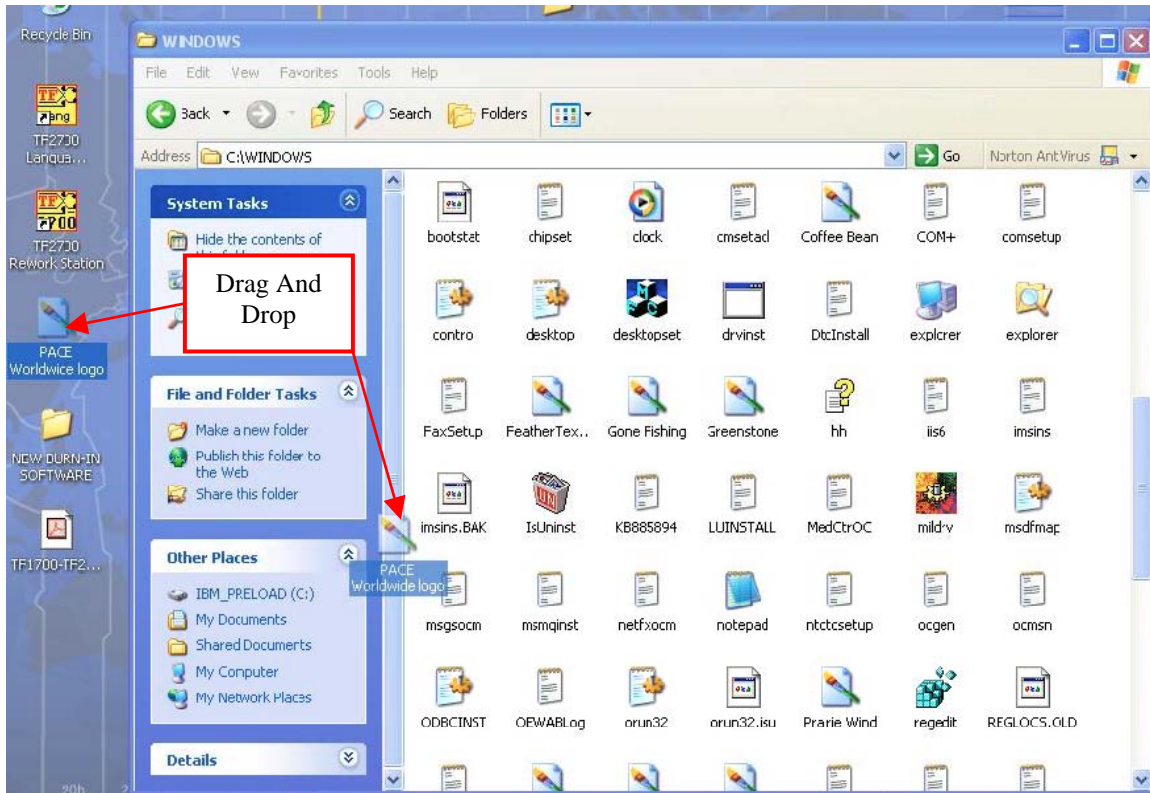
1. Click start menu on the Windows task bar and select My Computer then double click.



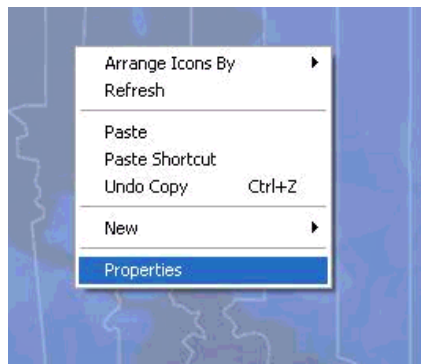
4. Select Windows folder and double click you will see a window that says that files are hidden double click on the option to show all files.



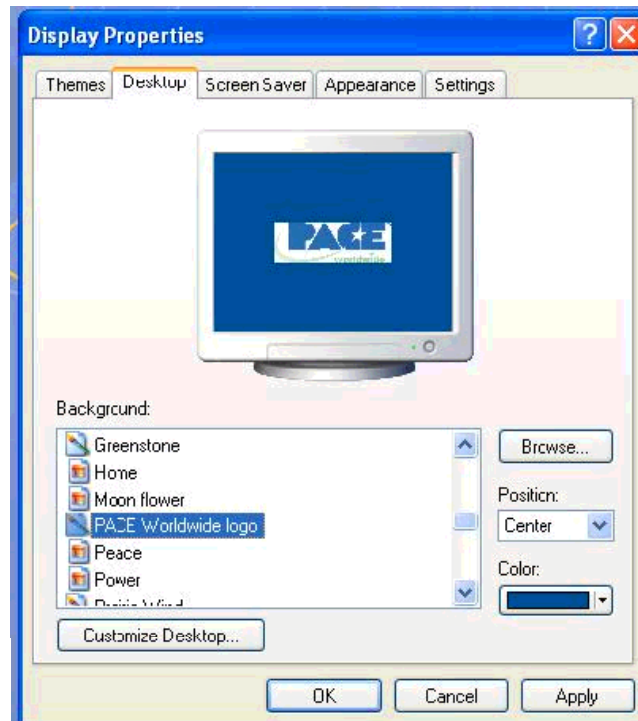
6. Now minimize window. Then drag and drop "PACE WORLD WIDE" icon from desktop into Windows folder.



5. Close Windows folder. Open display properties by right clicking on desktop.



6. Now select PACE WORLD WIDE background from background options then click ok.



7. The desktop image should look like the image below.

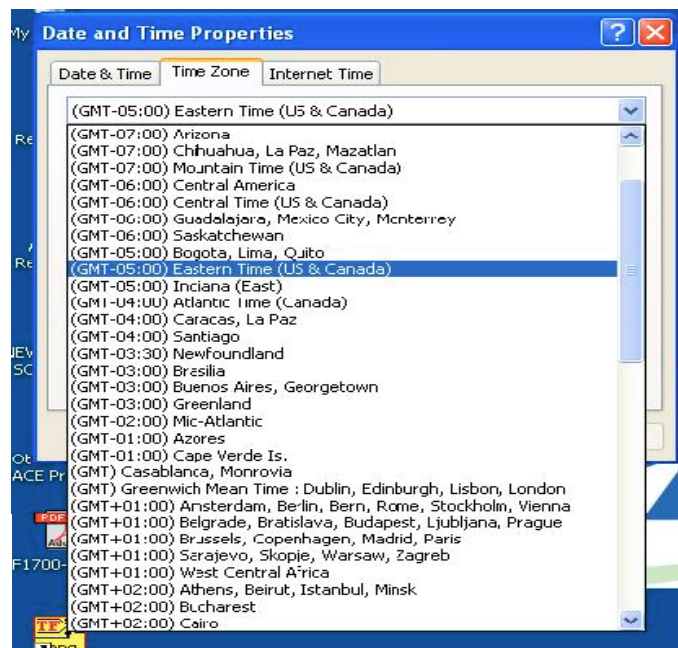


Adjust Time, Date and Time Zone

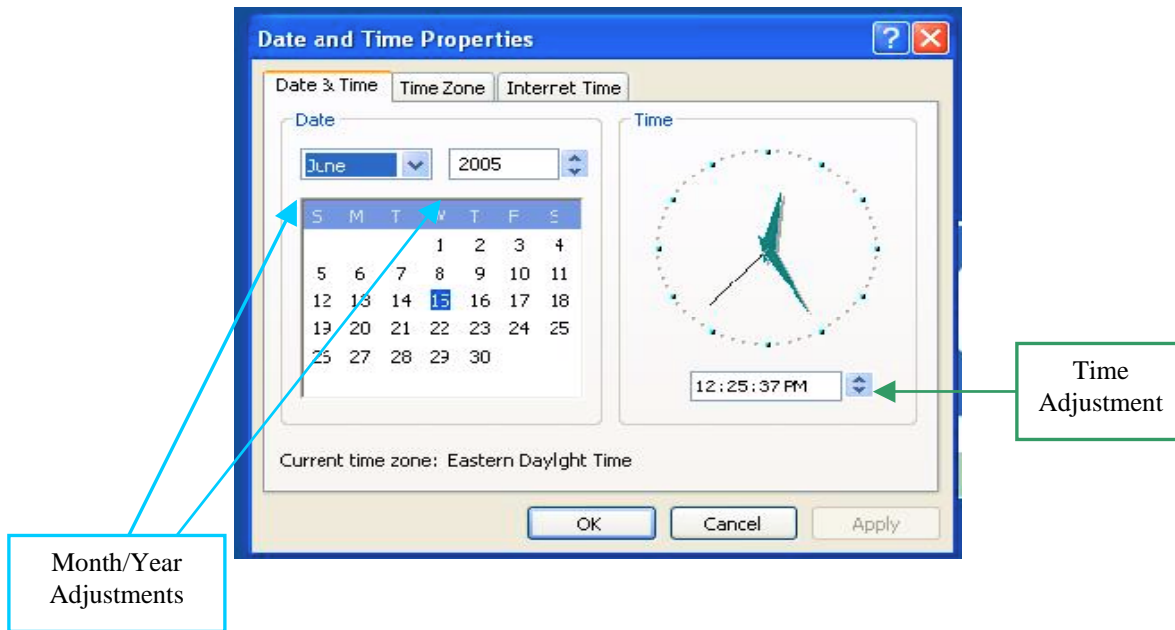
1. To adjust the time, date and time zone. Point cursor to clock in lower right hand corner.
Right click on mouse to open properties.



2. Stroll up to "Adjust Date/Time". Click once to open dialog box.



3. Select the "Time Zone" tab stroll down to adjust time zone. Time Zone for all computers should be set to "(GMT-5:00) Eastern Time (US & Canada)".
4. Now open "Time and Date" tab. Adjust time to current time and current date.



5. This completes the computer setup.