



**TC5000**

**Getting Started Guide**

## I. Become Familiar With The Contents Of I-O Configuration Utility CD

The CD contains user's guides for the installation, configuration, operation and maintenance of the TC5000 Thin Client. Among the manuals included on the CD that are helpful with the TC5000 are:

- TC5000 User's Guide
- TN5250e Printer User's Guide
- Terminal Emulation for CE User's Guide
- Citrix ICA Client for Windows CE Windows-Based Terminals Guide
- I-O Configuration Utility Help

The CD also contains the I-O Configuration Utility installation program.

This software is installed on a PC running Windows 95/98/Me, NT, 2000 or XP. The software provides remote configuration functionality, copying one thin client's configuration to another thin client, and updates the firmware of the thin client.

## II. Install The I-O Configuration Utility

The I-O Configuration Utility does not need to be installed to initially setup and configure the TC5000 thin client. The utility will need to be installed when a firmware update is to be applied to the thin client, or if the system administrator desires to configure thin clients remotely. To install the utility:

1. Insert the I-O Configuration Utility CD in the CD-ROM drive of the PC.
2. Click Start | Run, and enter "d:\configuration utility\setup.exe", click OK.
3. Follow the on screen prompts.

The initial setup of the thin client is accomplished by completing the remaining steps in this guide.

## III. Connect The Components To Thin Client

### ***Do this....***

1. Place the thin client logic unit where airflow will not be blocked to the top and bottom cooling vents.
2. Connect the keyboard.
3. Connect the mouse.
4. Connect the display.
5. Connect the Ethernet cable.
6. Connect the printer.
7. Connect the power supply to both the thin client and the wall outlet.

### ***Refer to this resource....***

- TC5000 User's Guide

## IV. Configure The Thin Client Terminal Properties

### ***Do this....***

### ***Refer to this resource....***

1. Power up the display, thin client and printer.
2. The introductory Setup Wizard screen will appear. (There will be a 15 second after the I-O splash screen clears before the Wizard starts.) Click *Next* to continue.
3. Enter the name the thin client will be known as to the Configuration Utility and Microsoft Neighborhood network.
4. Assign an IP address. Two methods are available:
  - If there is a DHCP server in the network that automatically assigns IP addresses, click *Next*. Skip to step 5.
  - If a static IP address is to be used, click the *Network Properties* button.
    - a. Right click on the *PCI-VT30651* icon and select *Properties*.
    - b. On the *IP Address* tab, select *Specify an IP address*. Enter the IP address, subnet mask and default gateway.
    - c. If there are DNS and/or WINS servers in the network, select the *Name Servers* tab. Enter the IP addresses for the servers.
    - d. Click the *OK* button on the title line of this screen, then click the close button (the X in the upper right corner).
    - e. Click *Next* to continue.
5. Configure the display resolution, colors and screen saver:
  - a. In the *Desktop Area and Refresh Frequency* drop down box select the proper resolution for the display. Click the *Test* button to verify that the monitor will support the setting.
  - b. In the *Colors* drop down box, select the color palette.
  - c. In the *Screen Saver* section, enable or disable the screen saver and select the waiting time before the screen saver activates.
  - d. Click *Next* to continue.
6. The Setup Wizard will next present the Control Panel. From this screen, configure any additional thin client settings as applicable to the network environment. It is suggested that at least the following items be configured:
  - a. Select the *122-key Keyboard* icon – Check the box if an I-O 122-key Thin Client Keyboard is being used.
  - b. Select the *Date/Time* icon – set the time zone, date and time.
  - c. Close screens and return to the Control Panel. Click *Next*.
7. The initial setup of the thin client is now complete. Click *Finish* to save the settings and restart the thin client.

- TC5000 User's Guide

## V. Set Up An IBM AS/400, iSeries or eServer i5 Terminal Connection

To setup a display session with the IBM host, you will need to know the IP address of the host and the name of this display session if pre-assigned by the system administrator.

### ***Do this....***

1. Select the *Configure* tab on the Terminal Connection Manager window.
2. Click the *Add* button
3. In the New Connection box, select "Terminal Emulation" in the drop down box. Click *OK*
4. On the Connection Information screen:
  - a. Enter the *Connection Name* as you would like it to appear on the Terminal Connection Manager window.
  - b. Select IBM 5250 as the *Emulation*.
  - c. Select 3477FC as the *IBM 5250 Model*.
  - d. If using the I-O 122-Key 5250 Thin Keyboard, check the *Left Ctrl...* and *Right Ctrl...* boxes. Otherwise, check the *Left Ctrl...* and *Carriage Return acts as Enter Key* boxes.
  - e. Click *Next* to continue.
5. On the Host Information screen:
  - a. Enter the IBM host's IP address in the Host Name field.
  - b. If the IBM host is to automatically assign a device name for this connection, click *Next* and skip to step 6. Otherwise, click the *Advanced* button to manually assign the device name.
  - c. On the Telnet Configuration screen, in the Suppress section click the *5250 Options* button. (Do not change the Telnet Name – it identifies the terminal type and model.)
  - d. On the 5250 Options screen, enter the Device Name that the IBM host will use for this connection.
  - e. Click the *OK* button on the title bar, then *Ok* again.
  - f. Click *Next*.
6. Click *Finish* on the Advanced Options screen.

### ***Refer to these resources....***

- TC5000 User's Guide
- TeamTalk Terminal Emulation User's Guide

### ***Hints....***

- On the I-O Thin Client keyboard, 5250 functions are printed on the key caps in black. Where Windows functions differ, they are printed in blue.
- If the I-O 122-Key 5250 Thin Client Keyboard is not being used, make certain that the check box is clear in the 122-key Keyboard option on the Control Panel.

## VI. Run An IBM AS/400, iSeries or eServer i5 Terminal Connection

### ***Do this....***

1. Select the *Connections* tab from the Terminal Connection Manager window.
2. Double click on the connection name of the terminal emulation connection previously created. An alternate method is to click to on the connection name to highlight it and then click the *Connect* button.
3. After a few seconds, a normal IBM login screen will appear. Sign in and the session is ready for use.
4. Press Ctrl+Alt End to return to the Terminal Connection Manager where you can access other connections.
5. To close the connection, click *File*, then *Exit*, or double-click the X button at the right side of the title bar.

### ***Refer to these resources....***

- TC5000 User's Guide
- TeamTalk Terminal Emulation User's Guide

### ***Hints....***

- To switch to the Terminal Connection Manager while in an active connection, press Ctrl+Alt End.
- To rotate through the active connections, press Ctrl+Alt DownArrow or Ctrl+Alt UpArrow.

## VII. Set Up An I-O 5250 Printer Connection

### *Do this....*

1. Select the *Configure* tab on the Terminal Connection Manager window.
2. Click the *Add* button.
3. In the New Connection box, select "I-O 5250 Printer" in the drop down box. Click *OK*.
4. On the General Tab, make entries in the following fields:
  - a. In the IBM Host Printer Name field, enter the name that you want the IBM host to use for this printer session (up to 8 characters maximum).
  - b. In the IBM Host IP Address field, enter the TCP/IP address of the IBM host the I-O 5250 Printer session will be connected.
  - c. In the Printer Driver drop down box, select the print driver supported by the attached printer.
  - d. In the Local Port drop down box, select the physical port the printer is connected to. If COM1 is selected, also select the Baud Rate.
5. Click *OK* when done. The I-O 5250 Printer session is ready to use.

### *Refer to this resource....*

- TC5000 User's Guide
- TN5250e Printer User's Guide

## VIII. Run The I-O 5250 Printer Session

### *Do this....*

6. Select the *Connections* tab from the Terminal Connection Manager window.
7. Highlight the I-O 5250 Printer connection.
8. Click the *Connect* button and the I-O 5250 Printer Control Panel will appear. After a few moments, the Host Status field will indicate that the system is available. The printer connection is now ready to use.
9. Press Ctrl+Alt End to return to the Terminal Connection Manager where you can access other connections.
10. To close the I-O 5250 Printer connection, toggle to the I-O 5250 Printer Control Panel. Click *End Session*.

### *Refer to these resources....*

- TC5000 User's Guide
- TN5250e Printer User's Guide

### *Hints....*

- To switch to the Terminal Connection Manager while in an active connection, press Ctrl+Alt End.
- To rotate through the active connections, press Ctrl+Alt DownArrow or Ctrl+Alt UpArrow.

## IX. Set up Other Connections

If desired, additional terminal connections for IBM 3270 hosts, Unix hosts, etc. as well as Internet Explorer, PDF and Office viewers can be configured. Windows terminal server and Citrix connections can also be configured using RDP and ICA protocols providing access to many of other Windows applications.

### ***Do this....***

1. Select the *Configure* tab of the Terminal Connection Manager window.
2. Click the *Add* button. The New Connection dialog-box is displayed.
3. In the drop down box, highlight the desired type of connection to create.
4. Follow the on screen setup process.

### ***Refer to these resources....***

- TC5000 User's Guide
- TeamTalk Terminal Emulation User's Guide
- Citrix ICA Client for Windows CE Windows-Based Terminals Guide
- A certified MCSE for Windows Terminal Server connections
- A certified CCA for Citrix server connections

**NOTE:** Installation and operational questions pertaining to networking, Microsoft Windows terminal services and RDP connections, Citrix server and ICA connections **are to be referred** to your network specialist, Microsoft Certified System Engineer, or Citrix Certified Administrator.

## X. Operational Notes

- To use the thin client, power on the display and the thin client. When presented with the Terminal Connection Manager window, on the Connections tab, highlight the desired connection, and click the *Connect* button.
- To power off the thin client, close all connections. On the Terminal Connection Manager screen, click the *Shutdown* button. The thin client will power down. Then power off the display and printer if attached.