

# **Quick Setup Guide**

**for the**

## **2677e Ethernet Display**



©2014 I-O Corporation.

I-O® is a registered trademark of I-O Corporation. All other trade names or product names referenced are service marks, trademarks or registered trademarks of their respective companies.

- I. **Inspect** the package for damage.
  
- II. **Connect** the components to the 2677e Ethernet Display.
  1. Connect the monitor
  2. Connect the keyboard
  3. Connect the mouse
  4. Connect the Ethernet cable
  5. Connect the printer
  6. Connect the power supply and power up the monitor.
  
- III. **Configure** the 2677e Ethernet Display

The 2677e can be configured locally using the on-screen setup process or remotely using the I-O Configuration Utility found on the Utility CD. (The I-O Configuration Utility is not required to configure the 2677e, but can be used whenever a firmware update is to be applied or if a configuration file is to be saved and pushed to this or another unit.) Both methods are described in the following pages.

## **Configure the 2677e using Local Setup**

1. After connecting power to the 2677e and powering on, the Unit will go through its boot process and display the ProEdge Connection Manager.
2. From the Connection Manager Screen, click on the Configure tab, then the Add button.
3. From the New Connection window, select from the dropdown the device you are configuring, Terminal Emulation or I-O 5250 Printer.

## **Configuring the Terminal Emulation**

For each display session, enter the following:

- 1) Connection Name: (This will be the name that shows on the Connection Manager)
- 2) Emulation: (Select IBM 5250 for an iSeries or IBM 3270 for a Mainframe session)
- 3) IBM 5250/3270 Model: (Select the display model desired from the dropdown)
- 4) International Settings: (Select the National Character set, English US is default)
- 5) Keyboard Options: (Select the Reset and Enter Keys)
- 6) Host Information: (Enter the Host IP Address for the Host Name)
- 7) Advanced: (Select TN5250/3270e or 5250/3270 Options if you want to specify the Device name)
- 8) Auto Login, Printers, GUI Overrides, and Aux Port: (Default settings will work well, but GUI has some nice features such as Mouse Cursor Style if you want to see the Cursor on the Host Session screen)

## **Configuring the I-O 5250 Printer**

Add an I-O 5250 Printer:

- 1) General:
  - a. Host Printer Name
  - b. Host IP Address
  - c. Printer Driver
- 2) Language:
  - a. Select the language for the character set
  - b. Translation Table: (Edit the ebcdic to ascii translation for special applications)
- 3) Advanced Features:

Use Default settings for most applications.

## **Configure the 2677e's IP address**

Dhcp is set by default and will pick up an assigned address. If you want to assign a static Address, go to the Management Utility, press F2 and select Network and Dial-up Connections. Select the PCI connection and configure the static address.


Select the Connections tab and click the Connect button.

## Configuring the 2677e using the I-O Configuration Utility

### 1. Install the I-O Configuration Utility.

- Insert the I-O Configuration Utility CD in the CD-ROM drive of a Windows 95 or newer PC.
- Click Start | Run, and enter “d:\configuration utility\setup.exe”, click OK.
- Follow the on screen prompts.

Note: For Windows 7 you may need to right click on the program and Run as Administrator.

- At this point the 2677e and monitor should be powered on and the ProEdge Connection Manager should be showing on the screen.
- Run the I-O Configuration Utility** by clicking on Start | Programs, navigate to the I-O Configuration Utility, and click on the Configuration Utility option.
- In the List of Devices, you will find an entry with a type of TC-C17ab with the serial number for the 2677e you want to configure. If there is no entry, click on the Rescan icon  to refresh the list. **Double click on the desired 2677e.**
- A window for Ultra VNC will open, click on NO. If you would like to rename the device with a specific name on the Connection Manager window, press F2, select System and click on the Device Name tab. **Enter the name** you would like this 2677e to appear with on the I-O Configuration Utility's List of Devices screen.
- Using the Configuration Utility, you will be able to see what is on the 2677e screen. Follow the configuration instructions on the previous page using the Local Setup Instructions.

## Tips for Optimizing your 2677e

From the Connection Manager screen, Press F2 for Settings options.

- Selecting the 122-Key Keyboard:** Checking the Enable 122-Key Support will enable functions of the IBM 5250 style 122 key Keyboard.
- Date/Time:** Allows you to modify the date and time shown in the lower right corner of the screen.
- Display:** Allows you to select between a couple of **Background** screens, **Appearance** of your desktop and **Display** resolution. The default resolution of the 2677e is 640 x 480 which may be a little difficult to read the text on some screens. Increasing the resolution to 800 x 600 or 1024 x 768 will greatly increase the clarity of the characters.
  - Display Emulation:** Screen clarity can be enhanced after setting the display resolution by starting the session, click on Settings, Attributes, and check the box for Use Bold Font in Preferences. Make sure you save your settings by clicking on File, Save Session. (If using Bold Font, a resolution of 1024 x 768 or 1280 x 1024 gives the best results).
- Network and Dial-Up Connections:** The 2677e has Dhcp set as default, but if you would like to set a static IP Address, select the PCI network connection or make a new connection and select Specify an IP address and enter the address information.
- Network Utilities:** This is a utility for troubleshooting network issues. Allows you to ping an address, check the IP address of the 2677e and network statistics.
- Password:** Allows you to password protect the 2677e to prevent users from adding or changing devices and settings.
- Regional Settings:** Customize will allow you to modify the Number, Currency, Time and Date format.
- System:** Allows you to Restore Factory Defaults or change the Device Name or Description.
- USB Storage:** Allows you to enable or disable the use of USB Storage Devices.

**Note:**

When connecting a Printer to the 2677e, you may get an Unidentified USB Device window that pops up. Since Windows CE does not write to flash, you will not be able to enter a Device Driver, click on the X to cancel the window.

If you get a printer session error when connecting your printer and host, you may need to restore factory defaults and reconfigure the display and printer sessions. From the Management Console, press F2 to get to the Control Panel, select System and Reset the terminal to factory-default.

**IV. Operational Notes:**

- To rotate through the active sessions, press the ALT- ESC key sequence.
- If the monitor is in power save mode, touch any key like the SPACE BAR to redisplay the screen.
- To stop using the 2677e, logoff all sessions. Then you may either power off the monitor or allow the power saver mode to activate and automatically dim the monitor. The 2677e is designed not to be powered off.

Note: If you desire to turn the power off on the 2677e, make certain you have signed off all display and printer sessions, then click File and Exit, or click on the X to properly disconnect each session from the host. Press the power button and hold for 4 seconds, power will turn off when the button is released.

- To reconnect any session that is not currently active, select the Display session on the Connection Manager and either double click on the session or click on the Connect button to cause the 2677e to contact the host.
- If power to the 2677e is turned off and back on without ending a session, TeemTalk will post a message; 'The Host has closed the connection', it will be necessary to vary off, then vary on the display and printer devices before the Reconnect will reacquire a connection.
- To vary off a device on the AS/400, at a command line, enter "wrkdevd [device name]", press ENTER. Select the work with status option, vary off, and then vary on the device. Click on the Reconnect button and the session will go active.

