

## Emulation Font Upload

The ET3000w/b/n or ET5000n terminal emulation program (*TermPro*) comes with a default font which supports all languages the terminal is designed to support. This font may not be desirable to some users. To address this issue, a feature was added to allow the Administrator to install fonts onto the terminal for use with the local emulation program.

Many fonts are available for free download or purchase on the Internet and other medium. As of the writing of this document, CLI provides a link for the “Andale32” font at [www.computerlab.com](http://www.computerlab.com), technical support section. This font is similar to fonts available on many legacy terminals. Andale32 is a font which looks similar to “Tahoma” and is a san serif, monospace, truetype font.

Additional fonts are available from multiple sources on the Internet. One site which has a number of fonts available is SourceForge.net (<http://prdownloads.sourceforge.net/corefonts>)

Please check the CLI technical support web site ([www.computerlab.com](http://www.computerlab.com)) as more fonts become available and tested.

**Important Note:** *THE ONLY FONTS SUPPORTED are fonts with “Monospace” and “Truetype” attributes.*

You are responsible to ensure the font you select has the necessary language support for your locale and that you have the legal right to use the font. Most available fonts support US English.

### Font Install Prerequisites

- ❑ Minimum version requirements: ET3000b ver. E0355, ET3000n ver. E0408, ET3000w ver. M0355, ET5000n ver. E5404
- ❑ True Type, Mono Space font file with TTF extension
- ❑ CLI *SNMPAdm* Management software (version 1.83.7 or above) installed on a PC or server
- ❑ FTP server on your network
- ❑ TTF file installed on your FTP server

## Verify FTP Location, Path and Security Requirements

It is recommended that you verify the location, path and security requirements of your FTP server by using Internet Explorer to browse to your FTP server. Browse to your FTP server using Internet Explorer using following example:

- ❑ Using the IE navigation bar, browse to your FTP server (example: <ftp://192.168.1.2>)
- ❑ If you are prompted for User ID / Password, take note of the ID and Password for use in a subsequent step (example: ID = Mike, Password = Smith). Please note that if you are not prompted for a password, then it is likely that “anonymous” access is supported and no user ID or password is required.
- ❑ Browse the folders in your FTP server until you find the font you intend on loading onto the client. (example: andalemo.ttf)
- ❑ When you locate the desired font file, note the location in the navigation bar (example: <ftp://192.168.1.2/fonts>)
- ❑ For the above example, the following would be set in *SNMPAdm*:
  - **FTP Server:** 192.168.1.2
  - **Path:** /fonts
  - **User Name:** Mike
  - **Password:** Smith

## Font Install Procedure

1. Set upgrade server and path in the *SNMPAdm* Management tool:
  - Click **File, Options**
  - Click the **FTP Server** tab
  - Set the FTP options where the TTF file is located and the security settings if required by your FTP server:
    - **FTP Server:** The IP address or Name of the FTP server.
    - **Path:** Path name (e.g. /font) containing the TTF file
    - **User Name:** User sign on name (if required)
    - **Password:** Sign on password (if required)
  - Click the **OK** box to save your settings
2. Force terminal to download TTF font file using the *SNMPAdm* management tool:
  - Discover the terminal you wish to upload the font to
  - Right click on the IP address(s) of the terminal
  - Select the menu item “Messages”

- Enter the following string into the message box. The font file “andalemo.ttf” will be used for this example:

### **\$INSTALL FONT\$ andalemo.ttf**

Important Notes:

- Enter the font name of your TTF file in place of the example file name above (andalemo.ttf)
- The command must be in all capital letters
- The file name is case sensitive and must match the case of the file on your FTP server
- Press the **Send** button to send the command to the terminal(s)
- The command instructs the terminal to download the font from the specified FTP server and Path
- No message confirming the upload is displayed. An error message is displayed on the terminal if the font upload failed because of FTP path or security issues.

### **Using The Installed Font**

The font can now be accessed by the user from within the *TermPro* emulation program. To select the font used by *TermPro*:

- Start the emulation program
- Click the menu item: **Setting**
- Click the menu option: **Font Setup**
- Select the font from the pull down list

### **Related Messages:**

#### **\$UNINSTALL FONTS fontname**

Example: **\$INSTALL FONT\$ andalemo.ttf**

Reboot by user is required after the font is uninstalled.

#### **\$LIST INSTALL FONTS\$**

The *SNMPAdm* "Message History" lists the installed fonts.

This function is only active if the **SNMP Manager IP** is set on the client. To force the **SNMP Manager IP** address to be set to the PC currently managing the client, reboot the client by right clicking on the IP address of the client and selecting the **Reboot** option.