

Adwin Installation

The purpose of this document is to explain the process of installing a PC on the Advantage system and loading Adwin on that PC. You will need the following supplies:

1. Adwin Floppy Disk (In our case, version 1.2)
2. PC with TESTED Ethernet Card
3. CAT 5 Ethernet Cable-TESTED
4. Empty Port on the Ethernet Switch/Hub

NOTE: All commands are to be executed as *root* from the Pound Sign.

-Preparation- Hosts File Editing

The first thing that you will have to do is to find a suitable IP address on the **LAN (Local Area Network)**. You can do this by viewing the "HOSTS" file located in the /etc directory.

From the Prompt, type..

```
# cd (space)/etc      (Hit the enter key)
# nte hosts           (Hit the enter key)
```

This should put you in the "hosts" file. Take note of the server address and the IP address scheme. You should now have a blue screen that looks something like the following example:

```
#      @(#) hosts, v 6.1 1993/08/21 02:17:48 stevea Exp – STREAMware TCP/IP source
#      SCCS Identification
127.0.0.1      localhost
200.10.10.100  bailey bailey.UUCP.com
200.10.10.101  spot1
200.10.10.200  printer_e
200.10.10.1    quadfrad

#*****MERIDIAN*****200.20.20.1
      mono1
200.20.20.101  meridian1
200.20.20.102  meridian2
200.20.20.103  meridian3
200.20.20.104  meridian4
200.20.20.105  meridian5
200.20.20.106  meridian6
200.20.20.107  meridian7
200.20.20.108  meridian8
200.20.20.109  meridian9
```

Write down all of the pertinent information for later use. If you are at a remote store, you must get the LAN IP of the router to use as a gateway. In the example noted above, Mono1 is the remote site gateway device. All Spotlines, Thin Client Stations and PC's use the same gateway and connect to the same host. Add a **completely new address** to the "HOSTS" file that keeps in sync with the current method of numbering. Do not have a duplicate address/number! This could cause catastrophic problems! Be very thorough in your numbering setup. Then use this new IP Address for the device - PC, TCS, etc... - that you are setting up. In our example

below, PC2 is the name of our new PC.

192.168.1.50	yourserver	yourserver.uucp.com
192.168.1.1	spot1	
192.168.1.2	spot2	
192.168.1.3	spot3	
192.168.1.4	PC1	
192.168.1.5	(Tab 1 time)	herb1

Note: A very important step to remember....
A single tab is used between the address and PC name.

Remember: You will need to get the name and IP Address of your PC, before you edit termdevs and or the etc/hosts file. You will find those entries listed in the Network Neighborhood>Properties Menu. Be sure to write down the name of the PC and its IP Address, "**EXACTLY**" as it appears in that menu. When you go to edit the before mentioned files, be sure to save your new entry, by pressing the **F2** then the **X** key. Once you have pressed **X** to save, you will then be prompted to select/press **Y** to save. With that selection, you should be returned to the prompt!

Just for the record...

You should have the address of your server, a gateway address (if applicable) and a unique IP on the LAN - all written down on a piece of paper.

-Preparation- Termdevs.cfg Editing

The next step is to give yourself a workstation number. This can be accomplished by inserting the name you gave this PC into the termdevs.cfg file. Issue the following command from the prompt.

```
# cd (space) /work/configs          (then hit the enter key)
# nte termdevs.cfg                 (enter)
```

The previous set of commands will put you into the /work/configs directory and open the termdevs.cfg file for editing. **THIS FILE IS VERY SENSITIVE!!!! TAKE GREAT CARE WHEN EDITING THIS FILE!!!** Do yourself a favor and make any and all entries **AT THE BOTTOM OF THE FILE**. To do this, go all of the way to the bottom of the file and insert the name of the PC EXACTLY as you put it in the hosts file in the previous section. It should look something like this (but not exactly.)

```
spot1
spot2
spot3
spot4
PC1
Herb1.1
Herb1.2
```

....and so on. To save and exit, press **F2**, then **X**, then **Y** and you should be back to a command line. Now you may load Adwin on the PC. Note: To have more than one session, simply make the entry a .1 or .2 after the PC name. Those .1, .2 suffix entries, indicate additional screens.

Loading and Configuring Adwin

Before you load Adwin, you should consult the manufacturer of the PC on exactly how you are to go about changing the IP address on the PC. With the IP address that you set aside earlier, follow the manufacturers directions & put it into the PC To load Adwin, put the floppy into the floppy drive. Go to start, then to run. Inside the run box you should put **a:\setup** and press **ENTER**. This will begin the loading process. During the loading process you will be prompted for a server address. This will be the address of the SCO server you wrote down earlier. **NOT THE IP OF THE PC.**

After Adwin has loaded, you must reboot. After rebooting, it will be necessary to activate the fonts in the

fonts directory. Go to **start > settings > control panel > fonts**. Once you are in the fonts section, the job has been completed. Simply going into this file will update the fonts. After updating the fonts directory, click on the **Adwin icon** and click on the **Connect tab**. Click on the **Fonts tab** and select the "**TERM**" font. This completes the installation of the Adwin program. You can now connect the CAT 5 ethernet cable to the back of the PC and the Ethernet Switch.

PLEASE BE ADVISED IF YOUR HAVING A PROBLEM WITH ANY OF THE FOLLOWING SYMPTOMS.....

WHEN TRYING TO LOG INTO THE ABCS SOFTWARE, USING
THE ADWIN SOFTWARE, ON A PC,..... BUT YOU NO LONGER
HAVE AS MANY SCREENS AS NORMAL!
OR
YOU RECEIVE A MESSAGE
"THIS TERMINAL DEVICE IS NOT CONFIGURED"

NOTE: Do not perform any of these below actions before you log out of All Adwin Screens!

The following actions are recommended "**assuming**" that yesterday your PC logged in and worked properly.

Today, when logging in, you get the message "This terminal device is not configured". The fix for this screen lock function is as follows....

Double click on the desktop Icon "**My computer**"
Double click on the **C Drive**
(You should now see the directories/files located on the C Drive)
Click on the "**Adwin**" Folder

The items you are looking for are listed as follows....

"SCR1, SCR2, SCR3..... and any other icons that have the **SCR** prefix.

Once you see the appropriate files (ex: SCR1, SCR2) highlight the icons, right click, and select the delete option.

These definitions should now be eliminated from the Adwin directory.

Please confirm that these entries have been deleted!

Now you should be able to go back to work!

HBM 4-3-2001

ADDING MORE ADWIN SCREENS

To add more screens to you PC....

Login as root on your Main Unix Server

From the prompt type # cd (space) /work/configs

then hit the enter key

From the prompt type # nte termdevs.cfg

then hit the enter key

You should now see a screen that list all of your workstations in the left column

Once you see the listing for your PC (Example Herb1), ...make the following changes

NOTE: DO NOT MAKE CHANGES TO TERMDEVS WITHOUT READING THE BELOW ENTRY!

Herb1.1

Herb1.2

<blank><<<<<< (If you have a blank or space, then add the new entry here...)

<blank> (however, if you do not have a blank space or blank listed...)

Herb1.3 (STOP! Then Go to the bottom of the file before you add the Herb1.3 entry)

Once you have added your entry, then press the F-2 key for the Drop down menu...

Then select the "X" option, and save the changes you have just made.

You are now ready to check your new screen!