

PIXIL CS Windows 2003 Brief Install Instructions

1. After Windows 2003 server is properly installed and networking configured, there are two Windows components that need to be installed, the DHCP server and the Remote Installation Services. Both of these are done from the Add/Remove Software control panel under Windows Components.

The DHCP server can only be installed and configured on one machine if they are all in the same subnet. This will have to be determined at the Install site.

2. On the machine(s) that have the DHCP server installed:

a. Using the MS DHCP server configuration tool, add the following scope options:

066 Boot Server Host Name (the value should be the DNS hostname of the machine, or its IP address)

067 BootFile Name (with a value of "pxelinux.0" - no quotes)

Make sure this is in the main scope. It should read something like "Scope [nnn.nnn.nnn.nnn]" with the machine's IP address in the square brackets.

b. Highlight the main Scope Options. Choose configure options from the Action menu. Enter the binary option:

043 Vendor Specific Info (Value of 01 04 00 00 00 00 ff)

c. From a command prompt, run the following series of commands:

```
C:\WINDOWS\system32>netsh
netsh>dhcp
netsh dhcp>server Error! Hyperlink reference not valid. name> *OR* <server IP address> netsh dhcp
server>add optiondef 60 PXEClient String 0 comment=PXE support netsh
dhcp
server>set optionvalue 60 STRING PXEClient
```

the command :

```
netsh dhcp server>show optionvalue
```

will show the value you have just entered if everything went correctly.>

d. Restart your DHCP service.

3. Open the registry editor and change the following key:

```
\\key_local_machine\system\currentControlSet\services\tftpd
```

Add a subkey "parameters" to the tftpd item. Add a string value "Directory" to the "parameters" key. Give "Directory" the path location "c:\pixilboot"

4. Ensure that the TFTP service is set to start automatically in the Services control panel.

5. Install the PIXIL Client software in c:\pixilboot. This involves unpacking the pizil-moz-pxe.tar file contained within the main PIXIL download. When put in place successfully, the file bzImage will be in c:\pixilboot, and there will be a subdirectory pxelinux.cfg created.

These are the basic quick-setup instructions. There is a whole pile of Other details that may need changed depending on the configuration of their networks.