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## APPLICATIONS NOTE 106

### Configuring Model 54550 or Model 5850 Information Management for LAN Operation

#### Step 1. Installation of DeviceInstaller

First, the Microsoft .NET Framework 1.1 must be installed on your computer. To do this, copy the below URL to access the site. When the site comes up, it will have a selection on the upper right labeled DOWNLOAD. Select and let it download into your computer. This may take a while depending on media. Assume 60 minutes since the file is about 23 MB in size.

<http://www.microsoft.com/downloads/details.aspx?FamilyId+262D25E3-F589-4842-8157-034D1E7CF3A&displaylang=en>

When the window asks if you want to install package, respond with yes. Also agree to the license agreement. Eventually you will get a window that the install is complete.

Now we can install the DeviceInstaller. We supplied the file with the product, but otherwise you can go to the link below:

<http://www.lantronix.com/support/download/index.html>

Go to the Micro product, also known as the CoBox Micro. Select if you want this downloaded via FTP or HTTP. This file will take about five minutes to download.

Open the Zip file and open the Setup.exe file. This executable file will install the DeviceInstaller program, and it should take about a minute. Once installed, it will load onto your C: drive and also create a start/programs menu shortcut.

Connect your computer to the same subnet as the unit you want to locate.

Once installed, it is pretty easy to work this little utility program, so ...

Go to Start/programs/Lantronix/DeviceInstaller/DeviceInstaller

Select Search. The program will seek out and find Lantronix devices on the subnet. Once found, the IP and MAC hardware addresses will be displayed.

Additional steps for returning a device back to DHCP (Dynamic Host Configuration Protocol) from static addressing:

Select the device of interest and additional options will appear on the menu, and one selection will be Telnet. Select Telnet and the IP address will pop up. Unless defaulted, enter port 9999. Press enter to begin the set-up mode. It should display numbers 0, 1, 2, 4, 8, 9. Select 7 for factory defaults. This will return the unit you've selected back to DHCP for dynamic addressing. This ends Step 1.

**WARNING** After making any changes to the unit using DeviceInstaller, allow 30 seconds for the card to reboot before accessing the card (in particular, the Search command in DeviceInstaller).

#### Step 2. Assigning the IP address

The unit should have a MAC hardware address on it (but, read on). That is a white sticker on the card with a string of characters like uu-vv-ww-xx-yy-zz. The DeviceInstaller should run on a PC that is connected to the shelf TCP/IP connector. That software by Lantronix can search and find these devices of interest. It will list the devices it finds, and one will have that MAC address that we saw above. That can then assign an IP address to that device, but that may be a job for the LAN administrator. So, if you only wanted to communicate with the unit solo, you could plug your LAN into the backplane connector marked TCP/IP and go there.