

Getting your handhelds connected to the net

Upgrade your wireless card.

The firmware in the your wireless card needs to be upgraded. This can be done by either:

1) Taking the card to the help center in Cyert Hall and saying “my wireless card needs to have the firmware upgraded”. (Make sure you are clear that this is support for your wireless card, not the CE device.)

or 2) If you have access to a laptop with a pcmcia slot:

- download the “wireless card upgrader” software from the links page of the chem106 web site
- insert your wireless card into the pcmcia slot
- run the upgrader software

Install the wireless driver on your handheld

The HP Jornada 680 requires a driver to work with the Lucent wireless card. Installing the driver requires a Windows PC. If you do not have a Windows PC, please send email to:

posner-management@andrew.cmu.edu

for instructions on obtaining and installing the Lucent WaveLAN drivers.

In order to install the Lucent WaveLAN drivers on your Jornada, you'll first need to install Microsoft's ActiveSync™ software. You can download ActiveSync from the handheld software library, at http://www.cmu.edu/computing/handheld/software_desktop.html **or from the links page of Chem 106 web site.**

Once you've downloaded the ActiveSync™ installer, double-click on it to start the installation process. After the installation is complete, you will be presented with a "Get Connected" dialog. Make sure your Jornada is connected to your desktop computer using the serial cable that came in the box. Click the "Next" button, and ActiveSync will begin communicating with your Jornada.

After your desktop computer is successful in establishing a connection with your Jornada, the "New Partnership" dialog will appear, allowing you to establish a partnership between your Jornada and your desktop as well as set various synchronization options. While you may want to set this up in the future, for now you should just select the "No" button and click "Next."

Now that you've successfully installed the ActiveSync software, the next step is to download and install drivers for the Lucent WaveLAN card. Before completing this step,

make sure that you have registered your wireless card with Data Communications using the online network registration system:

<http://netreg.net.cmu.edu/>

The most recent release of the Lucent WaveLAN driver for Windows CE is available from the handheld software library (see URL above). Be sure to either download the appropriate version of the driver for your Jornada:

Jornada 680: Lucent WaveLAN Drivers v4.06 (for Windows CE 2.x devices)

Or get the driver from the links page of Chem 106 web site.

Once you've downloaded the appropriate file, double-click on the installer to run it. Before doing this, you will need to attach your Jornada to your desktop using the serial cable that came with the device. When you do this, ActiveSync™ will launch if it is not running already. Follow the prompts in the installer to complete the driver installation.

After installing the driver, the only remaining step is to configure the WaveLAN control panel on your Jornada:

- * Click the "Start" button in the taskbar. Click "Settings -> Control Panel"
- * Double-click on the "WaveLAN" control panel
- * In the "Basic" panel, set the "WaveLAN Network Name" to "CMU"
- * In the "Advanced panel, set the "AP Density" to "Low Density"

After you've done this, your WaveLAN card should work in any supported campus building. A list of all campus buildings with wireless network access is available from the Wireless Andrew homepage:

<http://www.cmu.edu/computing/wireless/>