

## Configuring AirPennNet for 2k and XP

### *Windows 2000*

**The Belkin F5D7010 is the only wireless card supported for the use of AirPennNet under Windows 2000. This card is available at the bookstore.**

1. Download and run the [802.1X installer](#).
2. The installer package will request that you reboot. Please do so.
3. Launch your wireless utility. This may be done by clicking *Start*, highlighting *Programs*, selecting *Belkin*, entering *Wireless Networking Utility* and clicking the *Belkin Wireless Utility* icon. **The following instructions will only work if the network is in range.**
4. If you can see the AirPennNet access point (AP), connect to it. If you are prompted for a WEP key, a random string of 26 characters- a sequence of 26 'a's for instance- should suffice.

**\*Due to the design of Windows 2000 you may need to repeat the following steps if your card is ever dissociated from an AirPennNet access point**

5. Click the *Start menu*, highlight *Settings*, select *Control Panel* and open *Network and Dial-up Connections*
6. Right click on your wireless device and select *Properties*.
7. Go to the *Authentication* tab.
8. Ensure that *Enable IEEE 802.1x authentication for this network* is checked
9. Select SecureW2 from the EAP type list
10. click the *Properties* button
11. choose the PennNet profile from the dropdown menu
12. Press *Ok*
13. Uncheck the *Authenticate as computer when computer information is available* box
14. Press *Ok*
15. You will now be prompted for a username and password. Enter your Pennkey name and its associated password. Leave the *Domain* field blank.
16. Press *Enter* or *Ok*
17. You should now be connected to AirPennNet

### *Windows XP*

1. Download and run the [802.1X installer](#).
2. The installer package will request that you reboot. Please do so.
3. Click the *Start menu*, select *Control Panel* and open *Network Connections*
4. Right click on your wireless device and select *Properties*.
5. Go to the *Wireless Networks* tab
6. Ensure that the *Use Windows to configure my wireless network settings* checkbox is checked
7. Under the *Preferred networks* area, click the *Add* button.

8. Enter AirPennNet into the *Network name(SSID)* field
9. The *Data Encryption* is WEP
10. The *This key is provided to me automatically* checkbox should be checked
11. Go to the *Authentication* tab.
12. Ensure that *Enable IEEE 802.1x authentication for this network* is checked
13. Select SecureW2 from the EAP type list
14. click the properties button
15. choose the PennNet profile from the dropdown menu
16. Press *Ok*
17. Uncheck the *Authenticate as computer when computer information is available* box
18. Press *Ok*
19. If you are within range of an AirPennNet Access Point and AirPennNet is the topmost profile in the preferred networks list, windows will automatically connect to it. If no automatic connection occurs you will be able to select one by using the Windows *View Available Wireless Networks* Utility. Windows will prompt you with an info balloon to provide more information in order to connect to the network.
20. Clicking the balloon will yield a password prompt. Enter your Pennkey name and its associated password. Leave the *Domain* blank.
21. Press either *Enter* or *Ok*.
22. If all is successful you will be connected to AirPennNet. On subsequent logins, only the previous three steps will need to be repeated provided your profile remains intact.