Connecting Windows XP to DragonFly3

The following instructions will guide you through the setup process for connecting a Microsoft Windows XP computer to the Drexel DragonFly3 wireless network.

PLEASE NOTE: Dell, Hewlett-Packard, Compaq, Lenovo, IBM and some other laptop manufacturers sometimes install their own custom wireless network configuration software on their equipment. The instructions below were created for using the Microsoft Windows XP utilities for wireless network configuration. As such, if your laptop uses custom software, the prompts you see and the pop-up windows you encounter may differ from the instructions below. If that is the case, you should still be able to use steps 6-9 to obtain the correct configuration information.

ALSO PLEASE NOTE: Before you begin configuring your wireless network, please make sure you have installed the Windows XP Service Pack 3 update. It can be found at http://windowsupdate.microsoft.com.

1. Click on the START menu.
   a. If you are using the standard Windows XP 2-column layout, expand the Connect To menu item and choose Show all connections.
   b. If you are using the classic Windows XP 1-column layout, expand the Settings menu item and choose Network Connections.
2. In the **Network Connections** window, double-click the **Wireless Network Connection** icon.

3. In the **Wireless Network Connection Properties** window, in the **General** tab, click the **Properties** button.
4. In the **Wireless Networks** tab, check the **Preferred networks**: dialogue box to make sure *dragonfly3* does not appear in this list. If so, click on the item to highlight it and then click the **Remove** button.
5. Make sure the *Use Windows to configure my wireless network settings* option is checked.

6. Click the **Add** button to begin configuring your laptop to use the DragonFly3 wireless network.

![Wireless Network Connection Properties window](image)

7. In the **Wireless network properties** window, in the **Association** tab, fill out the fields as follows:
   
   a. Set the **Network name (SSID)**: field to **dragonfly3**.
   
   b. Set the **Network Authentication**: drop down to **WPA**.
   
   c. Set the **Data encryption**: drop down to **TKIP**.

![Wireless network properties window](image)

8. In the **Authentication** tab, fill out the fields as follows:
a. Set the **EAP type**: drop down to **Protected EAP (PEAP)**.

b. Make sure the **Authenticate as computer when computer information is available** option is checked.

![Wireless network properties](image)

9. Click the **Properties** button under the **EAP type**: drop box.

10. In the **Protected EAP Properties** window, fill out the fields as follows:

   a. Make sure the **Validate server certificate** option is checked.

   b. Check the **Connect to these servers**: option and fill out the text box below with `radius.irt.drexel.edu`.

   c. In the **Trusted Root Certification Authorities**: field, find the **Thawte Server CA** option and place a check next to it.

   d. Make sure the **Do not prompt user to authorize new servers or trusted certification authorities** option is checked.

   e. Set the **Select Authentication Method**: drop down to **Secured password (EAP-MSCHAP v2)**.

   f. Make sure the **Enable Fast Reconnect** option is checked.
11. Click the **Configure...** button next to the **Select Authentication Method** drop down menu.

12. In the **EAP MSCHAPv2 Properties** window, make sure the **Automatically use my Windows logon name and password (and domain if any)** option is NOT checked.

13. Click the **OK** button to close the **EAP MSCHAPv2 Properties** window.

14. Click the **OK** button to close the **Protected EAP Properties** window.

15. Click the **OK** button to close the **Wireless network properties** window.

16. Click the **OK** button to close the **Wireless Network Connection Properties** window.
17. Back in the **Wireless Network Connection Status** window, click the **View Wireless Networks** button.

18. From the list that appears under **Choose a wireless network**, select **dragonfly3** and click the **Connect** button.
19. Within a few seconds, a **Wireless Network Connect** dialogue bubble will appear in the bottom right corner of the desktop. Click on this bubble.

![Wireless Network Connection](image)

20. In the **Enter Credentials** window, fill out the fields as follows:
   a. Set the **User name**: field to your official Drexel user name.
   b. Set the **Password**: field to the password that corresponds to your official Drexel user name.
   c. Set the **Logon domain**: field to **DREXEL**.

![Enter Credentials](image)

21. Click the **OK** button to close the **Enter Credentials** window.

22. Your computer is now configured to use the DragonFly3 wireless network at Drexel.