Connecting to the Rovernet WPA2 Secured Wireless Network with the Mac OS X 10.5 (Leopard)

Configuring your wireless device to use WPA2 takes a few minutes. You will, however, need to meet the following system requirements in order to connect to the MichiganTech WPA2 Secured Wireless Network.

Before you begin this procedure, you need to determine whether your computer supports WPA 2.

Minimum System Requirements

- Be within the “MichiganTech” SSID wireless coverage areas.
- Be a current Michigan Tech student, faculty, or staff member.
- Have a valid ISO User Name and Password.
- Have installed Mac OS X 10.5 or later.
- Have installed all critical updates and patches to your operating system.
- Have installed and enabled an AirPort Extreme card that supports WPA2.
  (Note: older, non-Extreme Airport cards do not support WPA2)
- Have installed the AirPort software version 3.3 or later for the AirPort Card (available via Software Update); or the AirPort software version 3.2 or later for the AirPort Extreme Card (available via Software Update).

Adding and Configuring the “MichiganTech” SSID with Mac OS X 10.5 (Leopard)

1. Click the AirPort icon located at the top right corner of the menu bar.

2. Make sure that AirPort is turned on. If it is not on, select Turn AirPort On.

   The next time you access the AirPort menu, you should be able to see the “MichiganTech” wireless network in the list.

3. Join the “MichiganTech” wireless network using one of the following methods:
Method 1:

a. Click the **AirPort** Icon again and then click “**MichiganTech**”.

![AirPort Icon](image)

An **802.1X Authentication** dialog box will appear on the screen.

b. Enter your **ISO User name** and **Password** in the **802.1X Authentication** dialog box.

![802.1X Authentication](image)

c. Click **OK**.
Method 2:

a. If “MichiganTech” does not appear in the list of available networks, click **Join Other Network**.

![Join Other Network dialog box](image)

The **Join Other Network** dialog box is displayed.

b. Select “**MichiganTech**” from the list of networks.

c. Check the **Remember this network** box, if unchecked

d. Enter your **ISO User name** and **password**.

e. Select **Automatic** for the **802.1X Configuration**.

f. Click **Join**.
Method 3: (if you need to add the “MichiganTech” wireless network.

a. Click the AirPort menu again and select Open Network Preferences.

The Network dialog box is displayed.

i. Click once to select the AirPort icon on the left hand side toolbar.
ii. Click the Advanced button.
The **Preferred Networks** dialog box is displayed.

![Preferred Networks Dialog Box](image)

b. Click the + button to open the **network configuration** window.

![Network Configuration Window](image)

Specify the network information as follows:

i. Enter “**MichiganTech**” for the **Network Name**.

ii. Select **WPA2 Enterprise** (preferred) or **WPA Enterprise** for the **Wireless Security**.

iii. Enter your **ISO User name** and **password**.

iv. Select **Automatic** for the **802.1X Configuration**.

v. Click **Add**.
Validating the Server Certificate

When you connect for the first time, the Verify Server Certificate dialog box is displayed.

1. Click Show Certificate

The Verify Certificate dialog box is displayed.

2. Verify the information contained in the Verify Certificate dialog box.

3. If the certificate is correct,
   a. Select the Equifax Secure Certificate Authority www.login.mtu.edu certificate and check the box to “Always trust these certificates.”
   b. Click Continue.

You should now be connected to the “MichiganTech” wireless network.

If you are unable to connect, please check to make sure you entered your ISO User name and Password correctly in step 3 of Adding and Configuring the “MichiganTech” SSID section in these instructions. Refer to the Initial Sign-On (ISO) Site at http://www.login.mtu.edu, if you have forgotten your MTU ISO password.