

Guest Networking

A guide to configuring wireless networking at Carnegie Mellon

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Welcome to computing at Carnegie Mellon! This document will walk you through the process of connecting to our campus wireless network.

STEP 1: UserID and Password

Your conference or seminar leader, or account sponsor received a UserID and password for EACH attendee. You WILL NEED that information to complete Step 4 in this document.

STEP 2: Check Your Wireless Setting

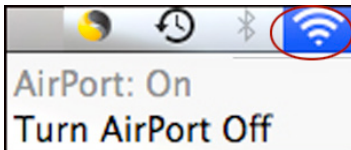
If you were using a wired connection before you arrived on campus, you may need to switch to wireless networking.

Windows Computers

Windows laptops typically have a physical switch that allows you to select a wired/wireless connection. Laptops vary; refer to the manufacturer's manual for help.

Mac Computers

Select the **AirPort** icon in the Menu bar. Select **AirPort: On** to use wireless networking.



STEP 3: Configure OS

Depending on your operating system, follow the appropriate instructions to configure your computer (Mac OS X 10.5, 10.4, Windows XP or Windows Vista) for wireless networking.

Mac OS X 10.5 Wireless Connection

1. From the Apple menu, select **System Preferences** and click the **Network** icon.
2. Click **AirPort** in the side panel. Under the Network Name menu, select **CMU**. Note: If CMU is not available, click **Advanced** and set these options:
 - On the AirPort tab, click the (+) sign below the list of Preferred Networks. Type in **CMU** for the Network Name. Set Security to **None** and add the network.

- On the TCP/IP tab, set Configure IPv4 to **Using DHCP**.
 - Also on the TCP/IP tab, set **IPv6** to **OFF**. Click **OK** to close the tab.
3. At the bottom of the Network window, make sure **Show AirPort status in menu bar** is selected.
 4. Click **Apply** to confirm these changes and then close System Preferences.

Upon completing this configuration step you will have restricted Internet access. To gain FULL Internet access, launch a web browser (e.g., Safari) and proceed to **Step 4: Secure and Register**.

Mac OS X 10.4 Wireless Connection

1. From the Apple menu, select **System Preferences** and click the **Network** icon. The Network dialog box appears.
2. Double-click **Airport**. On the Airport tab, set these options:
 - By default, join: **Preferred Networks**.
 - Under Network Name, select **CMU**. Note: If CMU doesn't appear, click the (+) sign. The Network dialog box appears. In the Network Name field, enter **CMU**; Wireless Security should be set to **None**. Click **OK** to close the dialog box.
 - At the bottom of the Network dialog box, select the option to **Show Airport Status** in the menu bar.
3. On the TCP/IP tab:
 - Set **Configure IPv4: Using DHCP**
 - Click **Configure IPv6** and in the pull down menu, select **Off**
 - Click **Apply now** to register these configuration changes
5. Select **System Preferences > Quit System Preferences**.

Upon completing this configuration step you will have restricted Internet access. To gain FULL internet access, launch a web browser (e.g., Safari) and proceed to **Step 4: Secure and Register**.

Windows Vista Wireless Connections

1. Select **Start > Connect to >** then select **CMU Unsecured network** and click **Connect**.
2. You will be notified that CMU is an unsecured network. Click **Connect Anyway**.
3. You will be notified that you've successfully connected to CMU. Select the **Save this Network** checkbox; the Start this connection checkbox is automatically checked. Click **Close**.

Upon completing this configuration step you will have restricted Internet access. To gain FULL Internet access, launch a web browser (e.g., Firefox, Internet Explorer) and proceed to **Step 4: Secure and Register**.

Windows XP Wireless Connections

1. Select **Start > Connect to >** then select **Wireless Network Connection**.
2. Select **View Wireless Networks**. The Wireless Network Connection window appears.
3. Do one of the following:
 - Select **CMU** and click in the checkbox to select **Allow me to connect to the selected wireless network, even though it is not secure**. Click **Connect**.
 - If CMU does not appear in the View Wireless Networks window, double-click on the wireless icon in your task bar (lower right corner of your screen display). Select **CMU** from the list of networks and click **Connect**.
4. A Wireless Network Connection dialog box appears. Click **Connect Anyway**. Network connectivity should start within a few seconds, if it does not, you may need to RESTART your computer.

Upon completing this configuration step you will have restricted Internet access. To gain FULL Internet access, launch a web browser (e.g., Firefox, Internet Explorer) and proceed to **Step 4: Secure and Register**.

STEP 4: Secure and Register

1. Launch a web browser and visit the "First Connect" web site at www.cmu.edu/computing/firstconnect/.
2. On the "Welcome" screen, select **Need to Secure and Register your Computer for campus network access**.
3. On the "Why you need to secure" screen, scroll down and select **I am a visitor; take me to the Visitor Network Registration**.

4. On the "Visitor Connect Checklist" screen, if you are sure that your computer is secure, select, **I will comply with Carnegie Mellon policies and believe my computer to be secure, take me directly to Network Registration**.
5. The WebISO Secure Login Screen appears. Enter the **UserID** and **password** that you received from your seminar or conference leader, or account sponsor (see Step 1).
6. On the "Register Your Network Connection" screen, select **Register a Wireless Connection**.
7. On the "Register Your Wireless Connection" screen, click the link to **REGISTER NOW AT AuthBridge and then RETURN here**.
8. The "Welcome" screen for **authbridge.net.cmu.edu** appears. Scroll to the pull down menu near the bottom of the screen display and change the department affiliation to **Conference and Event Services**. Click **Continue**.
9. At this point, you may encounter a web certificate warning message; for Internet Explorer or Firefox, follow these steps:
 - if using Internet Explorer, select **Continue to this Website**
 - if using Firefox, select **Or you can add an exception**, and then select **Add Exception**, and then select **Get Certificate** and then **Confirm Security Exception**.
 - if using another browser, or for a more secure alternative, download and install our certificates from <https://www.cmu.edu/computing/software/all/certs/download.html>.
10. In a few seconds, the browser should display a computer registration confirmation page. You now have full Internet access.

Where to Find Help

Computing Services Help Center

If you need additional help with computing on campus, contact the Computing Services Help Center by phone at 412-268-4357, in person at Cyert Hall 119 or via email to advisor@andrew.cmu.edu. Help Center phone hours are 7 a.m. - 7 p.m. and walk-in hours are 9 a.m. - 5 p.m.

Conference and Event Services

If you have questions about your UserID, password or about facilities on campus, contact Conference and Event Services at 412-268-1125.