CaneNet_Wireless Instructions

What is CaneNet_Wireless?

CaneNet_Wireless is a wireless network for UM students that provides encryption for your wireless communications from your device to the wireless access point. UM students must use their CaneID and password to access the CaneNet_Wireless network.

Why?

We heard your feedback regarding WiFi on campus, and created the CaneNet_Wireless network to provide unlimited access to the internet for all students on all three UM campuses.

CaneNet_Wireless uses an IEEE industry standard 802.1X which provides enhanced security to wireless networks. The 802.1X standard offers an effective framework for authenticating and controlling user traffic to a protected network.

SecureCanes vs CaneNet_Wireless

SecureCanes is the SSID for UM faculty and staff, and student employees to utilize.

CaneNet_Wireless is an encrypted Wi-Fi network that allows UM students to surf the Internet in a secure manner.

How?

This documentation serves as a how-to CaneNet_Wireless connection guide.

The examples in this guide include walk-throughs for the following operating systems:

- Windows 10
- Windows 8
- Windows 7
- Mac OSX Sierra (10.12) or higher
- Apple iOS
- Android
- Chrome OS

Requirements

Students can connect to CaneNet_Wireless using a wireless-capable device, such as a laptop, tablet, or smartphone.

Support

For additional assistance and support, please contact the UMIT Service Desk at: (305) 284-6565, help@miami.edu
CaneNet_Wireless

Section 1.1 Windows 10

1) Click on the wireless signal icon on the bottom right of your screen.

2) Select CaneNet_Wireless from the list of wireless network connections.
Section 1.1 Windows 10 cont’d

3) Click on Connect for CaneNet_Wireless and checkmark Connect automatically.

4) You will be prompted to input your CaneID username and password. Then click OK.
Section 1.1 Windows 10 cont’d

5) You will be prompted to “Continue connecting?” Click Connect.

6) You will then be connected to the CaneNet_Wireless network.
Section 2.1 Windows 8

1) Click on the wireless signal icon on the bottom right of your screen.

2) Select *CaneNet_Wireless* from the list of wireless network connections and click *Connect*.
Section 2.1 Windows 8 cont’d

3) You will be prompted to input your CaneID username and password. Then click OK.

4) Click on Connect to accept the 802.1x certificate.

5) You will then be connected to the CaneNet_Wireless network.
Section 3.1 Windows 7

1) Click on the wireless signal icon on the bottom right of your screen.

2) Select *CaneNet_Wireless* from the list of wireless network connections.
Section 3.1 Windows 7 cont’d

3) Click on Connect for CaneNet_Wireless and checkmark Connect automatically.

4) You will be prompted to input your CaneID username and password. Then click OK.
Section 3.1 Windows 7 cont’d

5) Click on Connect to accept the 802.1x certificate.

6) You will then be connected to the CaneNet_Wireless network.
Section 4.1 Mac OS X

1) Click on the wireless signal icon on the top right of your screen.

2) Select *CaneNet_Wireless* from the list of wireless networks.

3) You will be prompted to input your CaneID username and password. Checkmark *Remember this network* and then click *OK*.
Section 4.1 Mac OS X cont’d

4) Click on Continue to accept the 802.1x certificate.

5) If your Mac prompts you for a password, type in your local user password and then click OK.

6) You will then be connected to the CaneNet_Wireless network.
Section 5.1 Apple iOS Mobile Devices

1) Tap on the Settings icon on your home screen.

2) On the Settings screen, tap on Wi-Fi.

   ![Settings Screen]

   - Airplane Mode
   - Wi-Fi: Not Connected
   - Bluetooth: Off

3) Tap on CaneNet_Wireless from the list of Wi-Fi networks.
Section 5.1 Apple iOS Mobile Devices cont’d

4) You will be prompted to input your CaneID username and password. Then tap Join.

5) Tap on Accept to accept the 802.1x certificate.

6) You will then be connected to the CaneNet_Wireless network.
Section 6.1 Android 8.0 and select versions of Android 9.0

1) Tap on the *Settings* icon located in your Apps.

2) Under Wireless and network, tap on *Wi-Fi*.

3) Tap on *CaneNet_Wireless* in Wi-Fi.
Section 6.1 Android 8.0 and select versions of Android 9.0 cont’d

4) From the Connect menu select “PEAP” as the EAP method and “MSCHAPV2” as the Phase 2 authentication. Select the CA certificate as “Use system certificates”.

5) Enter “guest.miami.edu” as the Domain, and input your CaneID and Password as your identity and password. Then tap Connect.

6) You will then be connected to the CaneNet_Wireless network.
Section 6.2 Android 9.1 Mobile Devices

1) Tap on the *Settings* icon located in your Apps.

2) Under Connections, tap on *Wi-Fi*.

3) Tap on *CaneNet_Wireless*.
**Section 6.2 Android 9.1 Mobile Devices cont’d**

4) From the Connect menu select “PEAP” as the EAP method.

5) Input your CaneID and Password as your identity and password. Then tap *Connect*.

6) You will then be connected to the *CaneNet_Wireless* network.
Section 6.3 Android 10.0 Mobile Devices

1) Tap on the *Settings* icon located in your Apps.

2) Under Network & internet, and then tap on *Wi-Fi*.

![Wi-Fi settings](image1.png)

3) Tap on *CaneNet_Wireless* in Wi-Fi.

![CaneNet_Wireless](image2.png)
Section 6.3 Android 10.0 Mobile Devices cont’d

4) From the Connect menu select “PEAP” as the EAP method and “MSCHAPV2” as the Phase 2 authentication. Select the CA certificate as “Use system certificates”.

5) Enter “guest.miami.edu” as the Domain, and input your CaneID and Password as your identity and password. Then tap Connect.

6) You will then be connected to the CaneNet_Wireless network.
Section 7.1 Chrome OS

1) Select the wireless and clock icon at the bottom right hand corner of the screen.

2) Select the wireless network option to see the list of available networks.

3) Select the CaneNet_Wireless network.
Section 7.1 Chrome OS cont’d

4) On the Join Wi-Fi network page, enter “EAP-TTLS” as the EAP method, and “MSCHAPV2” as the EAP Phase 2 authentication. Use “Default” for the Server CA certificate.

5) Input your CaneID and Password as the Identity and Password. Then select “Connect”.