SecureCanes

What?
SecureCanes is a wireless network for University of Miami faculty and staff which provides encryption for your wireless communications from your device to the wireless access point. UM faculty and staff must use their valid CaneID and password to access the SecureCanes network.

Where?
SecureCanes is available at all locations of our Coral Gables wireless coverage cloud.

How to Connect

Windows 10
1. Click on the wireless signal icon on the bottom right of your screen.
2. Select SecureCanes from the list of wireless network connections.
3. Click on Connect for SecureCanes and checkmark Connect automatically.
4. You will be prompted to input your CaneID username and password. Then click OK.
5. You will be prompted to “Continue connecting?” Click Connect.
You are now connected to the SecureCanes network.

Windows 8
1. Access the Charms Bar by pointing to the upper-right or lower-right corner of the screen, and move up or down (Windows key + C).
2. Select “Settings” from the Charms Bar.
3. Click on the wireless icon to bring up the list of available wireless networks.
4. Select the SecureCanes SSID from the list and click “Connect.”
5. You will be prompted to input your CaneID username and password. Then click OK.
6. When prompted, click on “Connect” to accept the certificate.
You are now connected to the SecureCanes network.

Windows Vista / Windows 7
1. Right-click on the wireless signal icon on the bottom right-hand of your screen.
2. Click on “Open Network and Sharing Center.”
3. Click on “Connect to a network.”
4. Click on SecureCanes from the list of SSID’s on the bottom right-hand side of the screen.
5. You will be prompted to input your CaneID and password in the appropriate fields.
6. Click on “Connect” (the first time you connect, you will be prompted to accept our certificate).
You are now connected to the SecureCanes network.

FAQs for SecureCanes

What is SecureCanes?
SecureCanes is a secure wireless network that provides encryption for your wireless communications from your device to the wireless access point. UM faculty and staff must use their valid CaneID and password to access the SecureCanes network.

Why?
SecureCanes uses an Institute of Electrical and Electronics Engineers (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.

CanesGuest vs. SecureCanes
CanesGuest is an open, unsecure network that offers no encryption to the wireless network. It provides guests of the University with limited Wi-Fi access.
SecureCanes is an encrypted Wi-Fi network that allows UM faculty and staff to surf the Internet in a secure manner. Start using SecureCanes today for your security!

What else do I need to know?
Because SecureCanes uses your CaneID and password, you will need to remove the network and re-add it each time that you change your password.
How to Connect (continued)

Android Mobile Devices (8.0 to select 9.X and 10.0)
1. Tap on the “Settings” icon located in your Apps.
2. For Android 8.X to 9.X, under the Wireless & Networks section, tap on the “Wi-Fi” settings and turn it on. For Android 10.X, under Network & internet section, tap on the “Wi-Fi”.
3. Select the SecureCanes SSID from the list of networks.
4. From the Connect menu select “PEAP” as the EAP method and “MSCHAPV2” as the Phase 2 authentication.
5. Select the CA Certificate as “Use system certificates”.
6. Enter “miami.edu” as the Domain.
7. Type in your CaneID and password in the “Identity” and “Password” fields respectively and click “Connect.”
8. The list of scanned Wi-Fi networks should display that you are connected to the SecureCanes network.
You are now connected to the SecureCanes network.

Android 9.1 and above
1. Tap on the “Settings” icon located in your Apps.
2. Under Connections, tap on the “Wi-Fi” settings and turn it on.
3. Select the SecureCanes SSID from the list of networks.
4. From the Connect menu select “PEAP” as the EAP method.
5. Type in your CaneID and password in the “Identity” and “Password” fields respectively and click “Connect.”
6. The list of scanned Wi-Fi networks should display that you are connected to the SecureCanes network.
You are now connected to the SecureCanes network.

Apple iOS Mobile Devices
1. Tap on the “Settings” icon on your home screen.
2. On the “Settings” screen, tap on “Wi-Fi” and turn it on.
3. Tap the SecureCanes SSID from the list of networks.
4. From the Connect menu select “PEAP” as the EAP method.
5. Input your CaneID and Password as the Identity and Password. Then select “Connect”.
6. You should see a checkmark next to SecureCanes after successful authentication.
You are now connected to the SecureCanes network.

MAC OS X
1. Click on the wireless signal icon, and select SecureCanes.
2. Type in your CaneID and password in their respective fields and click “OK.”
3. Click on “Continue” (the first time you connect you will be prompted to accept our certificate).
4. If your MAC prompts you for a password, type in your local user password and click “OK.”
You are now connected to the SecureCanes network.

Apple iOS Mobile Devices
1. Tap on the “Settings” icon on your home screen.
2. On the “Settings” screen, tap on “Wi-Fi” and turn it on.
3. Tap the SecureCanes SSID from the list of networks.
4. Type in your CaneID and password in their respective fields and tap “Join.”
5. Tap on “Trust” (the first time you connect, you will be prompted to accept our certificate).
6. You should see a checkmark next to SecureCanes after successful authentication.
You are now connected to the SecureCanes network.

Chrome OS
1. Select the wireless and clock icon at the bottom right hand corner of the screen.
2. Select the “No network” option to see the list of available networks.
3. Select the CaneNet_Wireless network.
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”.
You are now connected to the SecureCanes network.

Need Help?

Student Technology Help Desk
Richter Library 3rd floor, Room 325
1300 Memorial Drive
Coral Gables, FL 33146
Phone: (305) 284-8887
E-mail: STHD@miami.edu
Website: http://sthd.it.miami.edu/

UMIT Service Desk
Phone: (305) 284-6565
E-mail: help@miami.edu
Website: http://it.miami.edu/

Hours:
Available 24 / 7

Please visit our website for further information and for updates at www.miami.edu/wireless.