YSU Secure Wireless Connection Guide
Windows 7

Required Items:
- Windows 7
- Any 802.11 a/g/n wireless radio supporting the **WPA2 Enterprise** authentication method and **AES** encryption
- A current supported anti-virus product
- Your YSU Directory Account (MyYSU) username and password

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**Step 1:** Walk within range of the YSU Secure Wireless System.

*Range is anywhere within approximately 50 feet of a wireless-enabled building. Range will vary with radio.*

**Step 2:** Click on the wireless LAN icon in your taskbar and choose **Open Network and Sharing Center**.
**Step 3:** Click on “Manage wireless networks”

**Step 4:** Click the “Add” button to add a wireless network profile.

*Note:* If you see the ‘attwifi’ network in the list of wireless networks, select it and remove it before adding ‘ysuwireless’.
Step 5: Click “Manually create a network profile”

Step 6: Configuring Network Settings

Enter the following information:

- Network name: ysuwireless
- Security type: WPA2-Enterprise
- Encryption Type: AES

Click Next.
Step 7: Click “Change connection settings”

Step 8: Configuring Security Settings

Click the ‘Security’ tab and verify that the Security type and Encryption type are **WPA2-Enterprise** and **AES**.

Verify that the network authentication method is **Microsoft: Protected EAP (PEAP)** and click the ‘Settings…’ button to go to the next window.
Step 8 (Continued): Configuring Security Settings

Check the “Validate server certificate” box
Check the “Connect to these servers:” box

Enter “acs5.ysu.edu;acs6.ysu.edu” into the “Connect to these servers:” field

In the “Trusted Root Certification Authorities:” box check “Go Daddy Root Certificate Authority – G2”

Verify the “Do not prompt user to authorize new servers or trusted certification authorities.” Box is checked

Verify the “Enable Fast Reconnect” box is checked

Click ‘Configure’

Uncheck the “Automatically use my Windows logon name and password” box

Once the settings have been confirmed, click **OK** on these two dialog windows and move to the next step.
Step 9: Enter your credentials

Click “Advanced settings” on the ysuwireless Wireless Network Properties window to open the 802.1X settings window.

Check the box for “Specify authentication mode”. Once this box is checked, choose “User Authentication” from the drop-down and click “Save credentials” to authenticate to ysuwireless.

Enter your YSU Directory Account (MyYSU) User name and Password into the ‘User name’ and ‘Password’ fields at the “Enter Credentials” window while leaving ‘Logon domain’ blank and click OK.

Once the credentials have been saved, you may click OK on all open windows and click Close on the remaining “Manually connect to a wireless network” window. The connection should automatically start.
Step 10: Choose “Public location” if prompted for a location.

Step 11: Click “Close” on the remaining window if setting a network location was required.

Step 12: When fully connected, you will see the taskbar icon below (and the message below when the mouse is placed over the icon).