



SIUE-WPA Wireless Network

A configuration and repair tool is available for setting up and amending your connection to the SIUE-WPA Secure Wireless Network. Currently this tool is only available for Windows XP and Windows Vista. Download this program at:

<http://www.siu.edu/its/wireless>

If this program does not properly configure your connection, follow these instructions to connect most computers to the SIUE-WPA Wireless Network. Before proceeding ensure that you have the latest Service Packs and/or updates installed and that your wireless adapter has the latest drivers. Download the latest drivers from the manufacturer's site.

SIUE-WPA Connection Instructions for Windows Vista

1. Click **Start**, then click **Control Panel**, then click **Network and Sharing Center**. If a wireless network is available click **Connect to a network**.
2. Select **Add a network that is in range of this computer** to search available wireless networks.
3. In capital letters, type **SIUE-WPA** in the Network name area. Select **WPA-Enterprise** for Security type and **TKIP** for Encryption type. Click **Next**.
4. A confirmation screen will indicate that the network SIUE-WPA has been added. Click **Connect to ...** to continue.
5. On the Security tab, select **Protected EAP (PEAP)** from the drop-down menu in the Choose a network authentication method area. Click **Settings ...** to continue.
6. Ensure that **Validate server certificate** is selected. In the drop-down menu select **oitca**. Select **Secured Password (EAP-MSCHAP v2)** from the Select Authentication Method menu.

7. Click the **Configure...** button. Deselect the **Automatically use my Windows logon name and password** option. Click **OK** to close all open windows.
8. A balloon confirming your connection will appear in the lower right-hand corner of your screen. Double-click on this balloon and Select **SIUE-WPA** from the list of available networks on the next page. Click **Connect**.
9. Enter your **e-ID** and **e-ID password** in the User Name and Password areas. Enter **CAMPUS** in the Logon domain line and click **OK**.
10. You should now be connected to the SIUE-WPA Secure Wireless Network.

SIUE-WPA Connection Instructions for Windows XP

1. Click **Start**, then click **Connect to**, then click **Show all connections** (if you are using the Classic Start menu, click **Start**, then click **Settings**, then click **Network Connections**). Right click **Wireless Network Connection** and select **Properties**. There should be at least two tabs: General and Wireless Networks. (If you don't see the Wireless Networks tab, the Wireless Zero Configuration service needs to be enabled. Instructions are available on our site.)
2. Click the **Wireless Networks** tab. Select **Use Windows to configure my wireless network settings** and click **Add**.
3. In capital letters, type **SIUE-WPA** in the Network name (SSID) area. Select **WPA** for Network Authentication and **TKIP** for Data Encryption. (If these options are not available, either the drivers for your wireless adapter need to be updated or it is likely that your adapter does not support WPA.)
4. Click the **Authentication** tab and select **Protected EAP (PEAP)** as the EAP type. Deselect the **Authenticate as computer when computer information is available** option.

5. Click the **Properties** button and click **Validate server certificate**. In the Trusted Root Certification Authorities area, check **oitca**. In the Select Authentication Method section select **Secured Password (EAP-MSCHAP v2)** from the drop-down menu.
6. Click the **Configure...** button. Deselect the **Automatically use my Windows logon name and password** option. Click **OK** to close all open windows.
7. A balloon confirming your connection should appear in the lower right-hand corner of your screen.
8. Click on this balloon and an authentication window should appear. Enter your **e-ID** and **e-ID password** in the User Name and Password areas. Enter **CAMPUS** in the Logon Domain line and click **OK**.
9. You should now be connected to the SIUE-WPA Secure Wireless Network.

SIUE-WPA Connection Instructions for Mac OS X

1. Click the **Airport** symbol at the top of the screen.
2. Click **Other ...** from the drop-down menu.
3. In capital letters, type **SIUE-WPA** for Network Name and set Wireless Security to **WPA Enterprise**.
4. Enter your **e-ID** and **e-ID password** in the User Name and Password areas and click **OK**.
5. You will see a screen regarding authentication. Click **Continue**.
6. Please note that it may take several seconds for your information to be authenticated. Internet access is not granted until the authentication is complete.

Definitions

Wireless Network [wīr'lis nēt'wûrk] – A telecommunications network that can be connected to without the need for a physical, “wired” connection. This type of network, which enables computers to connect to the Internet or to other machines, commonly relies on radio waves for transmission. SIUE-WPA and SIUE-WIFI are the two wireless networks available to SIUE faculty, staff, and students.

SIUE-WPA [es-ī-yōō-ē dūb'l-yōō pē ā] – This wireless network provides wireless encryption that protects users’ personal information and allows POP3, IMAP, telnet, and FTP access to SIUE resources. SIUE-WPA is the most secure of the two SIUE wireless networks.

SIUE-WIFI [es-ī-yōō-ē wī-fī] – This unencrypted wireless network is compatible with most computers and devices and does not require advanced configuration. Because wireless communication across this network is not encrypted, SIUE-WIFI does not provide protection of personal information or allow access to select SIUE resources.

KEY POINTS

- Do not connect to any other network while on campus. SIUE-WPA and SIUE-WIFI are the only supported networks.
- Consumer-grade wireless routers and access points (such as those found at Best Buy and Wal-Mart) are not allowed.

SIUE-WPA

is an encrypted wireless network that protects users’ personal information. An application has been created that will automatically configure or repair your connection to SIUE-WPA.

SIUE-WIFI

is an unencrypted wireless network that does not provide protection of users’ personal information.

For additional information or assistance contact:

ITS Customer Support Center
(618) 650-5500
techhelp@siue.edu
Monday – Friday 9:00 a.m. – 5:00 p.m.

<http://www.siue.edu/its/wireless>



**Instructions for
Connecting to the
SIUE-WPA
Secure Campus
Wireless Network**