

ST. PAUL'S SCHOOL Secure Wireless Portal Configuration

Windows XP - Faculty, Staff & Student Systems

St. Paul's School has recently updated the campus wireless systems to support secure encrypted wireless connections. This was done to provide a level of network protection to our campus users when they attached to the campus wireless network. It also limits the ability of outsiders to connect to the campus network, lessens opportunities for unauthorized "sniffing" of network traffic, and helps to prevent credential gathering and account compromise. The following instructions will help you attach securely to the campus wireless network. You need only perform these steps once and your computer will retain them.

1. Click the Windows Start button, choose Control Panel and select Network Connections



- 2. Right click on the Wireless network adapter and choose properties
- 3. Select the Wireless Networks Tab and click the Add button

بر ا	Not connected, Firewalled Tote/(9) Wireless WiFi Link 496	✓ Use Windows to configure my wire Available <u>n</u> etworks:
	View Available Wireless Networks Status	To connect to, disconnect from, or f about wireless networks in range, cl
	Repair Bridge Connections	Preferred networks: Automatically connect to available in below:
	Create Shortcut Delete Rename	
	Properties	Add Bemove



Wireless network properties - Association tab
 Network name (SSID): SPS-Secure (Note: It is case sensitive)
 ✓ Connect even if this network is not broadcasting
 Network Authentication: WPA2
 Data encryption: AES

incless network prope	
Association Authentication	Connection
Network <u>n</u> ame (SSID):	SPS-Secure
Connect even if this	network is not broadcasting
Wireless network key-	
This network requires a k	ey for the following:
Network Authentication:	WPA2 🗸
Data encryption:	AES 🗸
Network <u>k</u> ey:	
Confirm network key:	
Key inde <u>x</u> (advanced):	1
The key is provided for	or me automatically
This is a <u>c</u> omputer-to-co	mputer (ad hoc) network; wireless
access points are not u	sed
	OK Cancel

Wireless network properties - Authentication tab EAP Type: Protected EAP (PEAP) Uncheck Authenticate as computer when computer information is available Select the Properties button Uncheck Validate server certificate

Select the Configure... button



If this is a school owned computer

Automatically use my Windows logon name and password (and domain if any).

If it is NOT a school owned computer

Automatically use my Windows logon name and password (and domain if any).



5. Choose **Ok** (four times) to accept and close out of all network settings.

That's it you should now be securely connected to the campus wireless network. If you have questions or difficulty completing these steps you can contact or visit the IT Techshop located in the lower level of Schoolhouse and we will assist in the configuration.