Q: How do I connect to my wireless network?

A: Step 1. Open the utility by right clicking on the icon at the bottom right hand side of the screen and going to Open 802.11g Client utility.

Help	
Exit	
Open 802.11g Client U	tility
Preferences	
Disable Radio	
Manual LEAP Login	
Reauthenticate	
Select Profile	•

Step 2. Click on the "Profile Management" tab then click on "Scan".

nt Status Profile Management Diagnostics	
Default	<u>N</u> ew
test	Modify
	Bemove
	Activate
Details	
Network Type: Infrastructure	Import
Security Mode: None Network Name 1 (SSID1): LAB411	Export
Network Name 2 (SSID2): <empty></empty>	Scan
Network Name 3 (SSID3): <empty></empty>	scan

Step 3. Highlight the wireless network you want to connect to. Click "Activate" then click "OK".

Network Name (S	(SID) 🏟 Su	per XR S	ignal Strengtl	h Channel	Wireless Mode
1 LAB411		al d	21 dB	11	2.4 GHz 54 Mbps
1 wireless		11	3 dB	11	2.4 GHz 54 Mbps
💡 wlan-g		11	13 dB	6	2.4 GHz 54 Mbps
د ا		Ш			3

Step 4. It will ask you to name the profile and click "OK".

ieneral Security Advance	ed	
Profile Settings		
Profile Name:		
Client Name:	Test	
Network Names		
SSID1:	LAB411	
SSID2:		
SSID3:		
	OK	Cance

Step 5. If you have encryption enabled. Go to the **"Security"** tab and enter your Security settings.

et Security Options			
O WPA	WPA EAP Type:	LEAP	~
○ WPA Passphrase			
O 802.1x	802.1x EAP Type:	LEAP	4
O Pre-Shared Key (Static WEP)			
• None			
Configure		Allow Association to Mixed (Cells

Step 6. If you did not have encryption enabled it will switch over to the "**Current Status**" tab. If the connection was successful you will receive status bars for Signal Strength.

urreni Status Profile M	tanacement Diac	nestics		
TRENDnet	Proiile Name:			20
TRENDware, USA What's Next in Networking	Link Status:	Associaled		
	Witeless Mode:	5 GHz 54 Mbps	IP Address:	192.168.8.100
	Network Type:	Infrastructure	Current Channel:	56
Server Base	ed Authentication:	None	Data Encryption:	None
	Signal Strength:			Excelent

Q: What is Ad-Hoc Mode?

A: Peer-to-peer wireless connection between computers when no router or access point is used.

Q: How do I configure encryption on my wireless adapter?

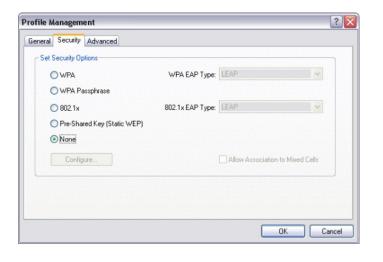
A: Step 1 Open the utility by right clicking on the icon at the bottom right hand side of the screen and going to Open 802.11g Client utility.

Reauthenticate Select Profile	
Manual LEAP Login	
Preferences Disable Radio	
Open 802.11g Client Utility.	••
Exit	
Help	

Step 2. Click on the "**Profile Management**" tab of the Wireless Configuration Utility, highlight the profile you want to modify and click "**Modify**".

Options Help	
nt Status Profile Management Diagnostics	
Default	<u>N</u> ew
lab	Modify
	Bemove
	Activate
etails	
Network Type: Infrastructure	Import
Security Mode: None Network Name 1 (SSID1): LAB411	Export
Network Name 2 (SSID2): <empty></empty>	Scan
Network Name 2 (5510/2). Cempty?	Sudri

Step 3. Then select what type of encryption you are using and click "OK".

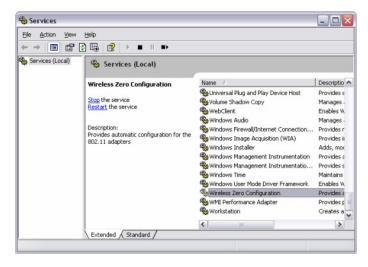


Q: Why is the Wireless Networks tab missing under the properties of my wireless network connection?

A: Step 1. The Wireless Zero Configuration service is not running. Click on Start then Run. Type in "services.msc", without the quotes and hit enter.

Run	? 🔀
	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	services.msc 🗸
	OK Cancel <u>B</u> rowse

Step 2. This will open the services window. Double click on the Wireless zero configuration service.



Step 3. Make sure the Startup type is set to Automatic and click on "**Start**" to start the service. Click "**Apply**" then "**OK**".

Wireless Zero Configuration Properties (Local Computer) [👔 🛽
General Log On Recovery Dependencies
Service name: WZCSVC
Display <u>n</u> ame: Wireless Zero Configuration
Description: Provides automatic configuration for the 802.11
Pat <u>h</u> to executable: C:\WINDOWS\System32\svchost.exe -k netsvcs
C. WINDOWS Systems2 (Sychost.exe & netsycs
Startup type: Automatic
Service status: Stopped Start Stop Pause Resume You can specify the start parameters that apply when you start the service from here. Start parameters: Start parameters:
OK Cancel Apply

Q: Why am I getting low signal strength?

A: There are a number of factors that can impact the range of wireless devices.

- Keep the number of obstructions to a minimum. Each obstruction can reduce the range of a wireless device. Position the wireless devices in a manner that will minimize the amount of obstructions between them.
- Building materials can have a large impact on your wireless signal. In an indoor environment try to position the wireless devices so that the signal passes through drywall or open doorways or space.
- 3) Antenna position can also have a large impact on your wireless signal. Use the adapter's site survey tool to determine the best antenna position for your wireless devices.
- 4) Interference from devices that produce RF noise can also impact your signal. Position your wireless devices away from Microwaves, UPS's, monitors, HAM radios, etc. Also, anything operating on the 2.4ghz frequency will cause interference. Such as 2.4ghz cordless phones or other wireless remotes operating on the 2.4ghz frequency.

If you are experiencing low, or no, signal strength consider repositioning the wireless devices, repeating the signal or using stronger antenna's to boost the signal strength.