# Seamless and Secure Access (SSA) Manual Configuration Guide for Windows XP



## 1 Enable Wi-Fi

c)

- a) Please refer to your computer's user manual to enable the Wireless (Wi-Fi) connection.
- b) Please click **Switch to Classic View** in the Control Panel before following the instructions in this user guide.



Click Start and then select Control Panel. In Control Panel, select Administrative Tools. In Administrative Tools, click Services and scroll to the bottom and make sure the Wireless Zero Configuration service is started.

🍓 Services				<u>_     ×</u>
Eile Action View I	Help			
← → 🖪 🖬 🖸	🗟 😰 🖬   🕨 🗉 II 🖦			
Services (Local)	Services (Local)	,		
	Wireless Zero Configuration	Name 🛆	Description	Status
	-	🆓 WebClient	Enables Wi	Started
	Stop the service	🆓 Windows Audio	Manages a	Started
	Restart the service	🆓 Windows CardSpace	Securely e	
		🆓 Windows Driver Foundatio	Manages u	Started
	Description:	🏶 Windows Firewall/Internet	Provides n	Started
	Provides automatic configuration for the	🆓 Windows Image Acquisitio	Provides im	Started
	ouz. 11 adapters	🆓 Windows Installer	Adds, modi	
		🏶 Windows Live ID Sign-in As	Enables Wi	Started
		🍓 Windows Management Ins	Provides a	Started
		🆓 Windows Management Ins	Provides s	
		🆓 Windows Media Player Net	Shares Win	
		🍓 Windows Presentation Fou	Optimizes	
		🆓 Windows Search	Provides c	Started
		🆓 Windows Time	Maintains d	Started
		🆓 Wired AutoConfig	This servic	
		🐝 Wireless Zero Configuration	Provides a	Started
		🍓 WMI Performance Adapter	Provides p	
		🆓 Workstation	Creates an	Started 💌
		•		►
<u> </u>	Extended Standard			

<u>Note</u>: If you are using a third-party Wi-Fi manager, e.g., Intel PROSet, ThinkVantage Access Connections, etc., please disable it before following the instructions in this guide. Alternatively, you may use the third-party Wi-Fi manager to configure the settings stated in this guide. If you need help to use your third-party Wi-Fi manager, please refer to the instruction manual provided by the manufacturer.

# 2 Connect to Wireless@SG via SSA

## a) Click Start and select Control Panel.



## b) In Control Panel, select Network Connections.



c) Right-click Wireless Network Connection and select Properties.

LAN or High-Speed Internet		
Connected, Firewalled 1394 Net Adapter	Local Area Connection Network cable unplugged, Fire Intel(R) PRO/100 VE Network	Local Area Connection 2 Disabled, Firewalled Cisco Systems SSL VPN Adapter
Whet I	VMware Network Adapter	Wireless Network Connection Not connected, Firewalled
		Disable
		View Available Wireless Networks
		Status
		Repair
		Bridge Connections
		Create Shortcut
		Delete
		Rename
		Properties

#### d) Click on the Wireless Networks tab.

🕹 Wireless Network Connection Properties 🛛 🛛 🔀
General Wireless Networks Advanced
Connect using:
Atheros AR5006X Wireless Network
This connection uses the following items:
<ul> <li>Client for Microsoft Networks</li> <li>File and Printer Sharing for Microsoft Networks</li> <li>QoS Packet Scheduler</li> <li>Internet Protocol (TCP/IP)</li> </ul>
Install Uninstall Properties
Allows your computer to access resources on a Microsoft network.
<ul> <li>Show icon in notification area when connected</li> <li>Notify me when this connection has limited or no connectivity</li> </ul>
OK Cancel

e) At the Wireless Networks tab, click Add...



- f) Configure the **Association** tab as follows:
  - Network name (SSID): Wireless@SGx.
  - **Network Authentication**: WPA.
  - Data encryption: TKIP

Connection	Association Authentication
Wireless@SGx	Network name (SSID):
	Wireless network key
y for the following:	This network requires a ke
WPA	Network <u>A</u> uthentication:
TKIP	Data encryption:
	Network <u>k</u> ey:
	Confirm network key:
1	Key inde <u>y</u> (advanced);
me automatically	The key is provided fo
1 and automatically	Network <u>k</u> ey: Confirm network key: Key inde <u>x</u> (advanced): ☑ T <u>h</u> e key is provided fo

## g) Configure the **Authentication** tab as follows:

• EAP type: Protected EAP (PEAP)

## Click on the Properties button

Association	Authentication
Select this wireless Et	option to provide authenticated network access for hernet networks,
✓ Enable	IEEE 802.1x authentication for this network
EAP type:	Protected EAP (PEAP)
Authen	ticate as computer when computer information is available
Autheni unavail	ticate as guest when user or computer information is able

- h) Configure the following Protected EAP Properties:
  - Validate server certificate: Check
  - **Trusted Root Certification Authorities**: Go Daddy Class 2 Certification Authority. Note: If you cannot find Go Daddy Class 2 Certification Authority under Trusted Root Certification Authorities, go to <u>http://support.microsoft.com/kb/931125</u> to download and install the Root Certificates update.
  - Select Authentication Method: Secured password (EAP-MSCHAP v2).
  - Enable Fast Reconnect: Uncheck

Click on Configure...

	Connect to these servers:
Tru	sted <u>R</u> oot Certification Authorities:
	GlobalSign 🗠
	GlobalSign Root CA
	GlobalSign Root CA
	CLOBALTRUST
V	Go Daddy Class 2 Certification Authority
H	Government Root Certification Addrivity
1	
	Do not prompt user to authorize new servers or trusted certification authorities.
lect	Authentication Method:
ecu	red password (EAP-MSCHAP v2)

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



- j) Click OK and OK again to return to Control Panel.Close Control Panel and return to the Windows desktop.
- k) After configuration, a popup will appear over the taskbar. Click on the popup and a login screen will appear.



I) In the User name box, enter your Wireless@SG username followed by @domain format. In the Password box, enter your Wireless@SG password. Leave the Logon domain box empty.

Licer name:	username@domain	
Oper Hamer		
Bassword:	••••	
Bassword:	••••	t
Eassword:	••••	T
Eassword:	••••	

# **3** Uninstall SSA profile

Follow the steps below to remove the Wireless@SGx settings:

a) Click **Start** and then select **Control Panel**.



b) In Control Panel, select Network Connections.



#### c) Right-click Wireless Network Connection and select Properties.



### d) Click on the Wireless Networks tab.

🕹 Wireless Network Connection Properties 🛛 🔹 🔀
General Wireless Networks Indvanced
Connect using:
Atheros AR5006X Wireless Network     Configure
This connection uses the following items:
<ul> <li>Client for Microsoft Networks</li> <li>Client for Microsoft Networks</li> <li>Gos Packet Scheduler</li> <li>Internet Protocol (TCP/IP)</li> </ul>
Install Uninstall Properties
Allows your computer to access resources on a Microsoft network.
<ul> <li>Show icon in notification area when connected</li> <li>Notify me when this connection has limited or no connectivity</li> </ul>
OK Cancel

e) Click on Wireless@SGx in the Preferred Network box and click the Remove button.

aporal Wireless Networks	Aduppood
Brielai Micicas Notivolita	Auvariceu
Use Windows to configur	re my wireless network settings
Available networks:	
To connect to disconnect	them as find out more information
about wireless networks in	range, click the button below.
	View Wireless Network
Wireless@SGx (Autor           QA (Automatic)           training (Automatic)	matic) Move up Move dow
<ul> <li>Wireless@SGx (Autor</li> <li>QA (Automatic)</li> <li>training (Automatic)</li> <li>Add</li> <li>Remo</li> </ul>	matic) Move up Move dow ove Properties
<ul> <li>Wireless@SGx (Autor</li> <li>QA (Automatic)</li> <li>training (Automatic)</li> <li>Add</li> <li>Remo</li> <li>Learn about <u>setting up wire</u> configuration.</li> </ul>	matic) Move up Move dow ove Properties eless network Advanced
Wireless@SGx (Autor     QA (Automatic)     training (Automatic)     Add Remo Learn about <u>setting up wire</u> configuration.	matic) Move up Move dow ove Properties eless network Advance

f) Click **OK** to close the Wireless Network Connection Properties window.