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



1 Enable Wi-Fi

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



c) Click Start and select Control Panel. In Control Panel, click on System and Maintenance and then click on Administrative Tools. In Administrative Tools, click Services and scroll to the bottom and make sure the WLAN AutoConfig service is started.

File Action View	Help					
Services (Local)	O Services (Local)					
	WLAN AutoConfig	Name	Description	Status	Startup Type	Log On As
	Stop the service Restart the service	Windows Live ID S Windows Manage Windows Manage Windows Media C Windows Media C	Enables Win Provides a c Allows Win Windows M	Started Started	Automatic Automatic Disabled Manual	Local Syste Local Syste Local Service
	Description: This service enumerates WLAN adapters, manages WLAN connections and profiles.	Windows Media C Windows Media C Windows Media P	Starts and st Starts Wind Shares Win		Manual Automatic (D Manual Automatic (D.	Network S Local Service Network S
		Windows Mobile Windows Mobile Windows Module Windows Presenta	Provides re Enables inst Optimizes p		Automatic (D Manual Manual	Local Service Local Syste Local Service
		Windows Remote Windows Search Windows Time Windows Update	Windows R Provides co Maintains d Enables the	Started Started	Manual Automatic Automatic Automatic (D	Network S Local Syste Local Service Local Syste
		WinHTTP Web Pr Wired Actoconfig	WinHTTP i This service This service	Started	Manual Manual Automatic	Local Service
		Workstation	Provides pe Creates and	Started	Manual Automatic	Local Space Local Service
		•		ш		•

<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 on **Start** and select **Control Panel.**



b) Select Network and Internet.



c) Select Network and Sharing Center.



Control Panel >	Network and sharing Center	• • Search	_
Tasks View computers and devices	Network and Sharing	Center	
Connect to a network			View full m
Manage wireless networks			
Set up a connection or network	SGSROLANE (This comp	0003 Unidentified network	Internet
Diagnose and repair			
	Unidentified network	(Public network)	Customi
	Access	Limited Connectivity	
de la	Connection	Local Area Connection 2	View stat
_///	Sharing and Discovery	r	
11111	Network discovery	• On	(
See also	File sharing	● Off	(
Bluetooth Devices	Public folder sharing	© Off	(
Infrared	Printer sharing	© Off	6
	Media sharing	e Off	(
Intel(R) PROSet/Wireless Tools			

d) Click on **Set up a connection or network**.

e) Select Manually connect to a wireless network and click Next.

	Choos	e a connection option	
		Connect to the Internet Set up a wireless, broadband, or dial-up connection to the Internet.	
	ø	Set up a wireless router or access point Set up a new wireless network for your home or small business.	
\leq		Manually connect to a wireless network Choose this to connect to a hidden network or create a new wireless profile.	>
	4	Set up a wireless ad hoc (computer to computer) network Set up a temporary network for sharing files or an Internet connection.	
		Set up a dial-up connection Connect through a dial-up connection to the Internet.	Ŧ
		Next	Cancel

- f) Enter the following information:
 - Network name: Wireless@SGx
 - Security type: WPA-Enterprise
 - Encryption type: TKIP
 - Start this connection automatically: Check

Click on Next

🚱 😰 Manually connect to a wi	reless network				
Enter information for the wireless network you want to add					
N <u>e</u> twork name:	Wireless@SGx				
<u>S</u> ecurity type:	WPA-Enterprise 💌				
Enc <u>r</u> yption type:	TKIP				
Se <u>c</u> urity Key/Passphrase:	Display characters				
Start this connection aut	omatically				
Connect even if the netw	ork is not broadcasting				
Warning: If you select th	is option, your computer's privacy might be at risk.				
	Next Cancel				

g) Click on **Change connection settings.**

	٠	Manually connect to a wireless network		
	S	iuccessfully added Wireless@SGx		
		Connect to Open the "Connect to a network" dialog so I can connect.		
\langle		 Change connection settings Open the connection properties so that I can change the settings. 		>
			Close	

h) Configure the following settings:

- Choose a network authentication method: Microsoft: Protected EAP (PEAP).
- Cache user information for subsequent connections to this network: Check.

Click on Settings.

١	Wireless@SGx Wireless	Network properties		×		
	Connection Security					
	Security type:	WPA-Enterprise		•		
	Encryption type:	ТКІР		•		
	Choose a network au	thentication method:				
	Microsoft: Protected EAP (PEAP)					
	Cache user inform to this network	ation for subsequent co	nnections			
	C <u>a</u> che user inform to this network	ation for subsequent co	nnections			
	C <u>a</u> che user inform to this network	ation for subsequent co	nnections			
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	C <u>a</u> che user inform to this network	nation for subsequent co	nnections			
	C <u>a</u> che user inform to this network	nation for subsequent con	nnections			

- i) Configure the following Protected EAP Properties:
 - Validate server certificate: Check
 - Connect to these servers: Uncheck
 - Trusted Root Certification Authorities: Go Daddy Class 2 Certification Authority
 - Enable Fast Reconnect: Uncheck

Click on **Configure**...

V Vailo	ate server certific	ate		
Cor	nect to these serv	vers:		
Trustee	Root Certification	n Authorities:		
Glo	balSign			*
Glo	balSign Root CA			
V 60	Daddy Class 2 Ce	refication Authorit	V	E
E G	E Cyber I rust Glob			
In htt	p://www.valicert.	com/		
Mic	rosoft Root Autho	ority		+
4		III		+
cert	ification authoritie	is.		
Select Au	thentication Metho password (EAP-M:	od: SCHAP v2)	 	nfigure
Select Au Secured	thentication Metho password (EAP-M East Reconnect	od: SCHAP v2)	• <u>C</u> o	nfigure
Select Au Secured	thentication Metho password (EAP-M East Reconnect	schap v2)	• <u>c</u>	nfigure
Select Au Secured Enable	thentication Metho password (EAP-M East Reconnect Quaranune check nect if server doe	od: SCHAP v2) ks is not present cryp	tobinding TLV	nfigure

- j) Uncheck Automatically use my Windows logon name and password (and domain if any)
- k) Click **OK** until you are back at the Control Panel.
- I) Close **Control Panel** and return to the Windows Desktop.

When connecting:
Automatically use my Windows logon name and password (and domain if any).
OK Cancel

m) Click on the popup at the task bar



n) 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.



o) You are now connected to Wireless@SGx

💮 😰 c	onnect to a network			
Discor	nnect or connect to	another network		
Sh	ow All	•		4 7
Wirele	ss Network Connection			- ^ ^
	Wireless@SGx	Connected	>	-Ille
-	Unnamed Network	Security-enabled network		lle-
-	joylaw	Security-enabled network		, llee
<u>Set up a</u> Open Ne	connection or network etwork and Sharing Cente	27		
			Disconnect	Cancel

3 Uninstall SSA profile

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

a) Click on Start and select Control Panel.



b) Select Network and Internet.



c) Select Network and Sharing Center.



	iet 🔹 Network and Sharing Cente	• • • Search	
Tasks	Network and Sharing Ce	enter	
Connect to a network			View full map
Manual interview			
Set up a connection of networks			
Manage estimate connection of network	AWPC-UX380	Wireless@SGx	Internet
Disanage network connections	(This computer)		
Diagnose and repair	Wireless@SGx (Public net	twork)	Customize
11	Access	Local and Internet	
1113	Connection	Wireless Network Connection (Wireless@SGx)	View status
		all Signal strength: Good	Disconnect
11 V	3 Sharing and Discovery		
	Network discovery	© Off	
	File sharing	© Off	
See also	Public folder sharing	● Off	
Internet Options	Printer sharing	 Off (no printers installed) 	
Windows Firewall	Password protected sharing	• On	$\mathbf{\tilde{v}}$
Windows Mobile Device Center	Madia abasian	0.00	

d) Click on Manage Wireless Network.

e) Right-click on Wireless@SGx and click Remove network.

Manage wireless net Windows tries to connect t can also add or remove net To see networks that use a	works that use (Wireless Ne o these networks in the order listed b work profiles. different wireless network adapter, c	etwork Connection) below. To change the order, drag a network lick Change adapter below.	up or down in the list. Yo
Add 📼 Remove 🤳 M	love down 🛛 🦉 Change adapter 🗸	👻 Adapter properties 🛛 🔒 Profile type:	s »
Wireless@SGx	Security: WPA-Enterprise	Type: Any supported	Automatically
Properties			
Remove network	Security: Unsecured	Type: Any supported	Automatically
Move down	Security: WEP	Type: Any supported	Automatically
WeeFamily	Security: WPA-Personal	Type: Any supported	Manually con
AWHOME	Security: WEP	Type: Any supported	Automatically
Wireless@SGx F	Profile name: Wireless@SGx ecurity type: WPA-Enterprise Radio type: Any supported	Mode: Automatically connect	

f) A warning dialog box will appear. Click **OK**.

