## Usage Guide Wireless Network Setup Guide for EMSD Guest WiFi– Windows 7 platform

Select "Start" > "Control Panel".





In "Control Panel Home", under "Network and Internet", press "View network status and tasks" (If you are using "Classic View", double click "Network and Sharing Center").

In the left menu, check if "Manage wireless networks" is available. If it is not found, either your device does not have Wi-Fi capability or Wi-Fi capability is not turned on. Please check the user manual of the device.

						-
30	) 🗸 📶 « Network a	and Internet 🔸	Manage Wireless Networks	- 4	Search Manage Wireless Networks	,
			use (Wireless Network Con	nection)		
Add	Adapter properties	Profile types	Network and Sharing Center			0
Ì.	0 items					
-53	m					

In the left menu, press "Manage wireless networks" and then press "Add".



Select "Manually create a network profile".

Manually connect	o a wireless network for the wireless network you want t	
Enter mormation	for the wireless network you want t	.o add
Network name:	emsdguestwifi-e	
Security type:	WPA2-Enterprise 👻	
Encryption type:	AES 👻	
Security Key:		Hide characters
Start this conne	tion automatically	
Connect even if	the network is not broadcasting	
Warning: If you	select this option, your computer's privacy mig	ght be at risk.

Encrypted Connection (emsdguestwifi-e) Settings

Type "emsdguestwifi-e" in the "Network name".

Ensure Security type is "WPA2-Enterprise" and Encryption type is "AES". Untick both "Start this connection automatically" and "Connect even if the networks is not broadcasting". Click "Next".

Click "Change connection settings".

Connection Security	·		
Security type:	WPA2-Enterprise	2	•
Encryption type:	AES		•
Choose a network a Microsoft: Protecte	uthentication metho	d: ▼ Settin	05
	ULAF (FLAF)		gs J
	redentials for this co		93
Remember my a	redentials for this co		وتو

In the "Security" tab, select "Microsoft: Protected EAP (PEAP)" under "Choose a network authentication method" and tick "Remember my credentials for this connection each time I'm logged on" then press "Settings".

Tick "Validate server certificate".

Un-tick "Connect to these servers".

Select "Thawte Premium Server CA" in "Trusted Root Certification Authorities". Select "Secured password (EAP-MSCHAP v2)" in "Select Authentication Method".

hen conne	cting:	
Validate	server certificate	
Соллен	t to these servers:	
Trusted B	oot Certification Authorities:	
Micros	oft Root Certificate Authority	-
Securi	e Server Certification Authority	
Syman	tec Root 2005 CA	
	ntec Root CA	
titled to be the	e Premium Server CA	=
	e Timestamping CA	
VeriSig	an Trust Network	-
•	m	
[]]Do not	promot user to authorize new servers or 1	rusted
certifica	grompt user to authorize new servers or t ation authorities. ntication Method: sword (EAP-MSCHAP v2)	Configure
certifica elect Authe Secured pas	otion authorities. ntication Method: Isword (EAP-MSCHAP v 2)	
certific elect Authe Secured pas	ation authorities. ntication Method:	
certific elect Authe Secured pas Enable for Enable ge	otion authorities. ntication Method: isword (EAP-MSCHAP v 2) st Reconnect	Configure
certific elect Authe Secured pas Enable for Enable ge	ation authorities. ntication Method: sword (EAP-MSCHAP v 2) st Reconnect warantine checks	Configure
certific elect Authe Secured pas Enable for Enable ge	ation authorities. ntication Method: sword (EAP-MSCHAP v 2) st Reconnect warantine checks	Configure

Press "Configure".

Un-tick "Automatically use my Windows logon name and password (and domain if any)". Click "OK".

AP MSC	HAPv2 P	roperties		Sec.	<u> </u>
When c	onnecting	a:			
	itomatical ssword (a	ly use my ind domain	Window n if any)	s logon na	ame and
	-	OK		ancel	

Click "OK" in previous windows.

Connection Security		
Security type:	WPA2-Enterprise	•
Encryption type:	AES	·
Choose a network a Microsoft: Protecte	uthentication method: d EAP (PEAP)	
	redentials for this connection each	
Remember my a time I'm logged a	redentials for this connection each	
Remember my a	redentials for this connection each	
Remember my a time I'm logged a	redentials for this connection each	

In the "Security" tab, select "Advanced settings"

In the "802.1X settings" tab

Tick "Specify authentication mode".

Select "User authentication".

2.1X settings	802.11 settings		
Specify a	uthentication mode:		
User aut	hentication	•	Save gredentials
Delet	e credentials for all user	S	
Enable <u>s</u> ir	ngle sign on for this netv	vork	
@ Perfo	rm immediately before u	ser log	on
🔵 Perfo	rm immediately a <u>f</u> ter use	er logor	1
Maximum	delay (seconds):		10
Allow sign o	additional dialogs to be n	display	ed during single
	etwork uses separate <u>v</u> ser authentication	irtual Li	ANs for machine

Click "OK" in previous windows and then "Close".

Unencrypted Connection (emsdguestwifi) Settings

Enter information	for the wireless network you	want to add	
Network name:	emsdguestwifi	]	
Security type:	No authentication (Open)		
Encryption type:	None	]	
Se <u>c</u> urity Key:		Hide characters	
Start this conne	ction automatically		
Connect even if	the network is not broadcasting		
Warning: If you	select this option, your computer's priv	racy might be at risk.	

Key in "emsdguestwifi" in Network name.

Ensure Security type is "No authentication (Open)". Then press "Next" and then "Close".

## TCP/IP Setting

Go back to "Network and Sharing Center" and select "Change adapter setting". Right click "Wireless Network Connection" icon and select "Properties".



Wireless Network	k Connection
₹ adll Intel(R) PRO/V	Disable Connect / Disconnect Status Diagnose Bridge Connections Create Shortcut Delete Rename
Ê	Properties

When the "User Account Control" popup window is shown, please click

"Continue".

Connect using:	less <mark>3945ABG Netw</mark>	ork Connection
	less 3945ABG Netw	ork Connection
his connection uses the		
his connection uses the		Configure
	following items:	
Client for Micros	oft Networks	
C B Teefer2 Driver		
QoS Packet Sch	heduler	
File and Printer	Sharing for Microsoft	Networks
Internet Protocol		
M Internet Protoco	Version 4 (TCP/IP)	(4)
✓ .4 Link-Layer Topo	logy Discovery Map	per I/O Driver
🗹 📲 Link-Layer Topo	logy Discovery Res	ponder
Install	Uninstall	Properties
Description		-
Transmission Control P	hatacal /laterat Pro	and The default
wide area network prof		TO DOLL THIS SOLUTION
across diverse intercor	nected networks.	

In "Networking" tab, highlight "Internet Protocol Version 4 (TCP/IPv4)" and then click "Properties".

Select "Obtain an IP automatically" and "Obtain DNS server address automatically".

eneral	Alternate Configuration					
this cap	a get IP settings assigned a vability. Otherwise, you nee appropriate IP settings.					
<u>©</u>	otain an IP address automa	tically				
OUs	e the following IP address:					
IP ac	ldress:			$\sim$	1(6)	1
Subn	et mask:					1
<u>D</u> efa	ult gateway:		-	8		1
@ 0	gtain DNS server address a	utomatica	y			
- O Us	e the following DNS server	addresse	s:			
Prefe	erred DNS server:	jî)	2	14	141	1
Alter	nate DN5 server:	T	З.	$\otimes$	$\langle a \rangle$	1
					Adya	nced
			-	OK		Cance

Press "OK".

Press "Close" to save the network settings (You may need to reboot your mobile device for making the settings effective).

Connection to EMSD Guest WiFi

Click the icon in Windows' notification area to logon the network.

**Encrypted** Connection

Currently connected to:	++	^
Network No Internet access		
Wireless Network Connection	^	Ш
emsdguestwifi-e	lee.	
LHK12MS	llee.	-
APAKLBUU4Y	llee	
LHK4-TRUE	line.	
Default	lite.	
LHK12_WarRoom1	llee.	
LHK12MS-DDW	llee	
emsdguestwifi	3.11	+

Select "emsdguestwifi-e".

Click "Connect" for encrypted connection.

Click "Enter/Select additional log on information".

	uthentication			
Please enter u	ser credentials			
	wifi			
		C	ОК	Cancel

In the "Enter Credentials" window, enter "wifi" (without the double quotes) in both "User name" and "Password".

## **Unencrypted** Connection

Select "emsdguestwifi".



Click "Connect" for unencrypted connection.