3.2. Network sharing setting for Windows

The Network Access service permits a Bluetooth enabled PC (client) to access the Internet via another Bluetooth enabled PC (Server) that already has Ethernet connection.

Windows network sharing setting

PC to PC (Windows 2000 or Windows XP)

1. To enable Internet Connection Sharing on the server PC

2. Click on Start menu-->Settings -->Network and Dial-up Connections and

find your Local Area Connection (LAN) that is connected to the Internet.

3. Right click the active LAN connection to open the "Properties" dialog box.

🕹 Local Area Connection 4 Properties 🛛 🔹 💽
General Authentication Advanced
Connect using:
Intel 21143-Based PCI Fast Ethernet Adapter (Generic)
<u>C</u> onfigure
This connection uses the following items:
Image: Client for Microsoft Networks Image: Client for Microsoft Network Image: Client for Microsoft Network
Sho <u>w</u> icon in notification area when connected
OK Cancel

Select **"Show icon in notifcation area when connected"** if you want to see if you have got an network connection or not. 4. Click on "Advanced" tab and select the "Internet Connection Sharing" checkbox to enable Internet sharing.

🕹 Local Area Connection 4 Properties 🛛 🛛 🛛 🔀
General Authentication Advanced
Internet Connection Firewall Protect my computer and network by limiting or preventing access to this computer from the Internet
Learn more about Internet Connection Firewall.
Internet Connection Sharing
Allow other network users to connect through this computer's Internet connection
Allow other network users to control or disable the shared Internet connection
Learn more about Internet Connection Sharing.
If you're not sure how to set these properties, use the <u>Network Setup Wizard</u> instead. Settings OK Cancel

5. Click on "**Settings...**" button and select the services you wish to provide other Bluetooth devices. Click "**OK**" to save the changes.

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Services	
Select the services running on your network that Internet users access.	can
Services	
FTP Server	
Internet Mail Access Protocol Version 3 (IMAP3)	Ĵ
Internet Mail Access Protocol Version 4 (IMAP4)	
✓ Internet Mail Server (SMTP)	
Post-Office Protocol Version 3 (POP3)	
Remote Desktop	
✓ Secure web Server (HTTPS)	
V Teiner Server	
Add Edit Delete	
OK Ca	ncel

6. Go back to the "Network and Dial-up Connections" window, right click the "Bluetooth LAN Access Server Driver" and select "Properties"..

7. Under "General" tab, click on "Internet Protocol (TCP/IP)" and "Properties".

General	Authenticatio	n Advanced	
Connec	t using:		
E B	Bluetooth LAN .	Access Server Driver	
			Configure
This c <u>o</u>	nnection uses	the following items:	
	QoS Packet	Scheduler	^
2	Microsoft IPv	6 Developer Edition	
N 2	Internet Proto	ocol (TCP/IP)	
(CARLING)			>
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Select **"Show icon in notifcation area when connected"** if you want to see if you have got an network connection or not. 8. Under "General" tab, assign a virtual IP as shown in the picture below. Then click "OK" to save the changes.

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Advanced

9. This allows the server PC to act as a DHCP server towards the client PCs. NOTE: For Win98SE and WinMe, please download and install WinRoute (or similar program) on the Server PC to allow DHCP service.

10. On the client PC, launch the Bluetooth software stack by clicking the "My Bluetooth Places" icon located on the desktop.

11. Double click the **"Entire Bluetooth Neighborhood**" icon to search for other Bluetooth devices nearby.



12. After searching is completed, locate the computer name of the server PC and double click it to discover the Bluetooth services it has to offer. (i.e. Bluetooth Serial Port, Dial-up Networking, File Transfer, Network Access, etc.).

📃 My Bluetooth Places\Eni	tire Bluetooth Neig	ghborhood\GATE	WAY5300	<u>- 0 ×</u>
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🗢 Back 🔹 ⇒ 👻 🔇	🕽 Search 🛛 🔂 Folde	rs 🎯 History 📗	% •b 62 X	🖀 🛛 »
🛛 Address 🖳 My Bluetooth Pla	aces\Entire Bluetooth	Neighborhood\GAT	EWAY5300 🔽	∂ Go
	Bluetooth In Serial Port	nbox Public Fo	older Network Access	
Device : GATEWAY5300				1.

13. Click on the "Network Access" icon to connect to the shared Internet connection on the server PC.

Connecti	ng	<u>?</u> ×
₽, Ljÿ	Status: Connecting Network Access on GATEWAY5300	

14. Click OK without entering any username or password. If one is already present, click OK anyway and it will still connect.

Connect Blueto	othNullConnection	? ×
		7
<u>U</u> ser name:		
<u>P</u> assword:		
	Save Password	
<u>C</u> onnect	CancelProperties	elp

15. Now you can access the Internet via Bluetooth.

Note: If your PC accesses the Internet via a proxy server, remember to configure the proxy setting of you browser program in the client PC. Consult your MIS personnel if you're not sure what to set.

Please be sure you PAIR the devices and START on the other machine the SETUP HOME or SMALL OFFICE NETWORK