How to set up HyperTerminal for Bluetooth transfer

(1) Install Bluetooth Software on two separate notebooks or desktop PCs (referred to as server and client in the following document).

(2) With Bluetooth adapter inserted, do a "Search for devices" on client to find near by Bluetooth devices.

🔮 My Bluetooth Places\Entire Bluetooth Neighborhood	
Eile Edit View Bluetooth Favorites Tools Help	-
📙 🗢 Back 🔹 🤿 🗸 🔁 🔕 Search 🗳 Folders 🎯 History 🛛 👗 📬 🗳	× »
Address 🥺 My Bluetooth Places\Entire Bluetooth Neighborhood 🗾	@Go
IOSOAP-281 ACER332T deskjet 995c PCG-F2 S/N MY19E1	70
The search for devices has finished	11.

(3) Double click on the Bluetooth device you wish to connect to (e.g. PCG-F270, the server).



(4) Double click on "Bluetooth Serial Port"; take a note of the COM port used by this connection (e.g. COM3).

Bluetooth	Serial Port
Į	The Bluetooth serial port COM3 will be used when connecting to device PCG-F270
	Application that use this service must be configured to communicate using COM3. It can be started at any time.
	🔲 Do not display this message again
	(<u> </u>

(5) The Bluetooth Serial connection should now be established.



(6) On the client side, open HyperTerminal. Choose the COM port used by the Serial connection in step 4.

Connect To
a 1
Enter details for the phone number that you want to dial:
Country/region: United States of America (1)
Ar <u>e</u> a code: 3
Phone number:
Connect using: COM3
OK Cancel

(7) Set the baud rate and other settings as required.

COM	3 Properties			?	×
Po	ort Settings				
	<u>B</u> its per second:	2400		•	
	<u>D</u> ata bits:	8		•	
	<u>P</u> arity:	None		•	
	<u>S</u> top bits:	1		•	
	<u>F</u> low control:	None			
			<u>R</u> estore	e Defaults	
	01	<	Cancel	Apply	

(8) On the server side, check the local COM port used by the system in the Bluetooth Configuration window (e.g. COM6).

uetooth Configur	ation					?
General	Acces:	sibility	Disco	very	Informati	on Exchange
Local Services	Client A	pplications	: Hardv	vare Ve	rsion Info	Notifications
Double clic Specify the servic	Double click a service name to set its security and start-up properties. Specify the services that this computer will provide to other Bluetooth devices.					
Service Name		Startup	Author	Authen	Encry	COM Port
Information Sync	hroniz	Auto	Not R	Not Re	Not R	
Fax File Transfer Information Exch Dial-Up Network Network Access Bluetooth Serial	iange ing Port	Auto Auto Auto Auto Auto	Not R Not R Not R Not R Not R	Not Re Not Re Not Re Not Re Not Re	Not R Not R Not R Not R Not R	СОМ6
				Add Seria	al Service	Delete
		OK	Can	cel	Apply	Help

(9) Open HyperTerminal, choose the COM port used by the system in step 8.

Connect To	<u>?×</u>
A 1	
Enter details for t	he phone number that you want to dial:
<u>C</u> ountry/region:	Taiwan (886) 💌
Ar <u>e</u> a code:	3
Phone number:	
Connect using:	СОМ6
	OK Cancel

(10) Set the baud rate and other settings as required.

COM	16 Properties
Po	ort Settings
	<u>B</u> its per second: 2400 ▼
	Data bits: 8
	Parity: None
	Stop bits: 1
	Elow control: None
	<u>R</u> estore Defaults
	OK Cancel Apply

(11) The HyperTerminal connection should now be established. Type something on the client side and the same thing will appear on the server.

(12) To transfer files, select "Send File" from the menu bar of the client system, and select the file you wish to transfer.

Zmodem wi	th Crash Recovery file send for 1	
Sending:	D:\Nokia\Nokia_PC_Suite_481.exe	
Last event:	Sending	Files: 1 of 1
Status:	Sending	Retries: 0
File:		10179k of 27439K
Elapsed:	00:03:56 Remaining: 00:06:40	Throughput: 44166 cps
	[Cancel <u>c</u> ps/bps

Client window

Zmodem wi	ith Crash Recovery file receive for 1	
Receiving:	NOKIA_PC_SUITE_481.EXE	
Storing as:	C:\NOKIA_PC_SUITE_481.EXE	Files: 1 of 1
Last event:	Receiving	Retries:
Status:	Receiving	
		10401k of 27439K
Elapsed:	00:04:00 Remaining: 00:06:33	Throughput: 44322 cps
	Cancel	<u>Skip file</u> _ps/bps

Server window

(13) The received file should be placed on the C: drive of the server system (default location).

How to HotSync with Palm Bluetooth SDIO and Tungsten T

Please make sure you have installed Bluetooth software and Palm Desktop on your notebook or desktop PC before proceeding to the setup instructions below.

(1) From the Palm main panel, tap the HotSync icon.

(2) Tap HotSync and select "Connection Setup" from the menu bar.

(3) Tap "New".

(4) Give the new connection a name, e.g. BTConnection.

(5) Change "Connect to:" to "PC".

(6) Change "Via:" to "Bluetooth".

(7) The "Device:" option will pop up, tap to find the Bluetooth system you wish to HotSync with.

(8) Select the Bluetooth system you wish to HotSync with and tap OK.

(9) Tap "Yes" when prompted with "Do you want to add *** to your trusted device list?".

(10) Key in the same passkey on Palm and your notebook or desktop PC to complete the pairing process.

(11) Tap "OK" and "Done" to return to the HotSync panel

(12) Tap the dropdown menu to select the Bluetooth connection you have just created. E.g. BTConnection

(13) From the notebook, find out the local COM port used by "Bluetooth Serial Port", e.g. COM4. (My Bluetooth Places->My Device, right click My Bluetooth Serial Port and select Properties)

. My Bluetooth Places\My Device	•	
File Edit View Bluetooth Fa	avorites Tools Help	
⇔Back • ⇒ - 🖻 @,Search	Folders CHistory & Ba CB × CF	
Address 🖳 My Bluetooth Places'(My	Device	▼ 2° 60
Bluetooth Serial Port Bluetooth Serial Port This service (if enabled) is provided by this computer to remote Bluetooth devices. It alows a remote Bluetooth device to establish a virtual serial port connection with this computer. For a context sensitive menu, right-click the service name.	My Audo Gateway Bluetooth Gateway Bluetooth Properties General Notifications Bluetooth Serial Port Bluetooth Serial Port Bluetooth Serial Port Startup Automatically COM Port COM Port	twork My PDM Item ess Transfer
	OK. Cancel	Apply

(14) Change the COM port setting in Palm HotSync to match the COM port found in step 11, e.g. COM4.

Setup
General Local Modem Network
<u>S</u> erial port: <mark>COM4</mark>
Speed: As Fast As Possible 💌
OK Cancel Apply Help

(15) Change the connection type to "Local Serial" in the HotSync Manager.

Local USB	
✓ Local Serial	
Modem	
Network	
<u>S</u> etup	
<u>C</u> ustom	
<u>F</u> ile Link	
<u>V</u> iew Log	
<u>A</u> bout	
<u>H</u> elp	
Exit	
🛅 🕾 🌫 🕼 🚺	🌮 PM 03:00

(16) Tap the HotSync silk button on Palm, and the HotSync process should begin in a few seconds.

How to dial-up from Palm Tungsten T to my PC's modem to surf

the Internet

(1) Enable Bluetooth on your PC and make sure you can dial up to the ISP with your modem.

(2) On your Palm, in the main panel, tap "Prefs", select "Communication", and select "Network".

- (3) Tap "New" button.
- (4) Key in a new name for "Service:", e.g. pcmodem.
- (5) Key in the "User Name:"
- (6) Key in the "Password:"

(7) Tap on "Connection" and select "Edit Connections..." to create a new connection setup.

(8) Tap "New" button.

(9) Key in a new name for "Name:", e.g. btmodem

- (10) Tap on "Connect to:" and select "Modem"
- (11) Tap on "Via:" and select "Bluetooth"
- (12) Tap on "Device:", wait for your PC to be found
- (13) Select your PC and tap "OK"

(14) Palm will ask you to add your PC to the trusted device list, tap "Yes"

(15) Key in a numeric passkey, e.g. 1, and tap "OK"

(16) Type in the same passkey on your PC, now the pairing process is complete

(17) Make sure "Dialing:" is set at "Touch Tone"

(18) Tap the "OK" button and "Done" to return to the Network page

(19) Tap on "Connection:" and select the connection setup you've just created

- (20) Tap on "Phone:" and enter the phone number of your ISP
- (21) Tap the "Connect" button and the modem on your PC should start dialing
- (22) Once connected, launch a web browser and you should be surfing the Internet.

Sending FAX via mobile phone with WinFax Pro

NOTE: Please make sure you have subscribed to the FAX sending/receiving feature with your mobile service provider.

(1) Please install WinFax Pro according to WinFax Pro's installation instructions.

(2) Before installing WinFax Pro, Please make sure that your computer is connected with a physical Fax Modem.

(3) After installing WinFax Pro, the following window will pop up, choose your physical modem at this stage. **Do NOT choose** "Bluetooth Fax Modem".

1	You can se communica	et up the followi ations devices:	ng modems and		
	Blueto	oth Fax Modem	E.		~
	Blueto	oth Modem			
	Conex	ant 56K ACLink	DataFax Moden	1	
	🍢 Nokia	8910 (Bluetoot	h)		v
	<			>	
	Select the device you Click Add t device to t	modem or comr 1 want to use ar 0 add another 1 he list.	nunications nd click Next. modem or	<u>A</u> dd	
SYMANTEC.	After Setup modems ar Program Se) is complete, y nd communicati etup dialog.	ou can change th ons devices at ar	ie active ny time from t	the
				C 1	

(4) WinFax Pro will start testing the Fax Modem, once it's completed, click Next to continue.

WinFax PRO Setup - Testing Mod	lem 🔀
Please wait This should Checking: Status: Results:	while Setup tests and verifies your modem. take less than a minute. Conexant 56K ACLink DataFax Modem Completed This modem supports Fax, Data This is a Class 1 fax modem. Max fax transmit speed: 14400 bps. Max fax receive speed: 14400 bps.
SYMANTEC.	< <u>B</u> ack <u>N</u> ext > Cancel

(5) After installation, launch WinFax Pro. Click on **Tools->Program Setup**.



(6) Double click "Modems and Communications Devices".

 Backup and Restore Call Status and Controller Calling Cards Concord Services Dialing and Location Email and Outlook Integration Fax Sharing Client Fax Sharing Host Modems and Communications Devices Notification and Forwarding Pager and SMS Text Messaging 	Options		
Allows you to set up and activate modems and other communications devices for a specified location.	 Backup and Restore Call Status and Controller Calling Cards Concord Services Dialing and Location Email and Outlook Integration Fax Sharing Client Fax Sharing Host Message Management Modems and Communications Device Notification and Forwarding Pager and SMS Text Messaging 	 W Printer Driver A Receive A Send A User 	
Departies	Allows you to set up and activa specified location.	ate modems and other communications devices for a	
		Clos	e

(7) Tick the checkbox next to Bluetooth Fax Modem. Uncheck the checkbox next to your physical modem.

Modems and Commu	inications Devices Pro	perties	? 🛛
General			
Select and so you want to u	et up the modems and other o use.	communicatio	ons devices
Define "Active" devic P <u>o</u> ssible devices:	es for location: Defaul	1	<u> </u>
Connection Device	Port		Activ 🔨
Bluetooth Fax Mo	dem TAPI		
Bluetooth Modem	cooth) < not c	onfigured> onfigured>	
A <u>d</u> d	<u>R</u> emove	Proper	ties
		<u>I</u> est Con	n Ports
Receive and dialing	settings	50 	
To configure how a click Receive Setu	i device answers the phone, p	Receive	Setup
To configure how a faxes, click Dialing	device dials when sending Setup	Dialing <u>S</u>	ietup
	ОК	Cancel	Apply

(8) Click the "Receive Setup" button, tick the "Automatically answer incoming calls" checkbox. Click "OK" to complete the process.

Receive Properties		? 🛛
General Advanced A	After Receive Junk fax	
Specify the o	ptions you want to use for ans	wering calls.
When answering <u>o</u> n:	Bluetooth Fax Modem	
Automatic receive		
Automatically an	iswer incoming calls	
Answer a <u>f</u> ter	2 ring(s)	
Automatic recei	ve always on.	Schedule
This line has Ca	ll <u>W</u> aiting. Disable it when rec	eiving calls.
	ОК	Cancel <u>A</u> pply

(9) Now create a new fax and click the "Send" button when done. Your can now send faxes via your mobile phone.

Bluetooth Printing to HP DeskJet 995c

HCRP Connection

(1) Please update the HP DeskJet 995c firmware from HP's website, so that it is HCRP supported.

(2) Click "Search for devices in range", HP DeskJet 995c will appear in the right pane.



(3) Click to select the HP Deskjet 995c icon. Click "Bluetooth" on the menu bar, and select "Discover Available Services".



(4) Three services will appear.



(5) Double click the "Hardcopy Cable Replacement" icon, and select "Ports" tab. Make sure HP DeskJet 995c is connected to a Bluetooth Port.

Water of the series of the	
Image: Series With a series	
Print to the following port(s). Documents will print to the first free checked port. Port Description Printer COM11: Local Port COM12: Local Port COM13: Local Port COM14: Local Port COM15: Local Port Meskjet 995c S/N MY Bluetooth Port Add Port Delete Port Configure Port. Enable bidirectional support Enable printer pooling	
Print to the following port(s). Documents will print to the first free checked port. Port Description Printer COM11: Local Port COM12: Local Port COM13: Local Port COM14: Local Port COM15: Local Port Meskjet 995c S/N MY Bluetooth Port Add Port Delete Port Configure Port. Enable bidirectional support Enable printer pooling	
Port Description Printer COM11: Local Port COM12: Local Port COM13: Local Port COM14: Local Port COM15: Local Port Methodskipt 995c S/N MY Bluetooth Port Add Port Delete Port Configure Port. Enable bidirectional support Enable printer pooling	
Port Description Printer COM11: Local Port COM12: Local Port COM13: Local Port COM14: Local Port COM15: Local Port Meskjet 995c S/N MY Bluetooth Port Add Port Delete Port Enable bidirectional support Enable printer pooling	
□ COM11: Local Port □ COM12: Local Port □ COM13: Local Port □ COM14: Local Port □ COM15: Local Port ▲ deskjet 995c S/N MY Bluetooth Port ▲ dd Port □ elete Port ▲ dd Port □ elete Port ▲ dd Port □ elete Port ▲ Enable bidirectional support ■ Enable printer pooling	~
□ COM12: Local Port □ COM13: Local Port □ COM14: Local Port □ COM15: Local Port ✓ deskjet 995c S/N MY Bluetooth Port hp deskjet 995 ✓ deskjet 995c S/N MY Delete Port Configure Port. ✓ Enable bidirectional support Enable printer pooling	
□ COM13: Local Port □ COM14: Local Port □ COM15: Local Port ■ deskjet 995c S/N MY Bluetooth Port hp deskjet 995 ▲ dd Port □ elete Port Configure Port. ▲ dd Port □ elete Port Configure Port. ■ Enable bidirectional support □ Enable printer pooling	
□ COM14: Local Port □ COM15: Local Port ☑ deskjet 995c S/N MY Bluetooth Port hp deskjet 995 ✓ deskjet 995c S/N MY Delete Port Configure Port. ▲dd Port Delete Port Configure Port. ✓ Enable bidirectional support Enable printer pooling	
COM15: Local Port deskjet 995c S/N MY Bluetooth Port hp deskjet 995 Add Port Delete Port Configure Port. Enable bidirectional support Enable printer pooling	193
Image: Configure Port Add Port Delete Port Configure Port. Enable bidirectional support Enable printer pooling	
Add Port Delete Port Configure Port. Enable bidirectional support Enable printer pooling	5 🛩
Add Port Delete Port Configure Port. Image: Enable bidirectional support Enable printer pooling	
☑ Enable bidirectional support ☑ Enable printer pooling	
Enable bidirectional support Enable printer pooling	
Enable printer pooling	

(6) You should now be able to wirelessly print a file to your HP DeskJet 995c.

SPP Connection

(1) If you don't want to update your HP DeskJet 995c to become HCRP supported, you could also connect and print via SPP connection.

(2) Right click the "Serial Port" icon, select "Connect to Bluetooth Serial Port".

R My Bluetooth Places\Entire	Bluetooth Neighborhood\de	skjet 995	c S/N MY19E1C0BQ0L	
Pile Edit View Bluetooth Par	vorites Tools Help			<u></u>
3 Back • 🕥 · 🎓 🔎	Search 🌔 Folders			
Address 🛞 My Bluetooth Places/Entit	re Bluetooth Neighborhood)deskjet	995c 5/N M	19E1C08Q0L	🛩 🔁 Go
Bluetooth Tasks 🛞	ົ 🚴 🎏	0		-
A these or modify confirm a street	Hardcopy OBEX Object	Serial P	Connect to Bluetooth Serial Port	
The sea the sea in	Cable Repla Push on des	deskjet	Status	
connection		MYLSEL	Create Shortout	
Wew the status of this	~		Properties	~

(3) A PIN Code Request dialog box will pop up, enter 0 as the default PIN Code for HP DeskJet 995c.

Bluetoot	h PIN Code Request	? 🛛
P	Device Name: Before a connection can be a above must be "paired." The Bluetooth pairing procedu future connections between t encrypt the data that these da	deskjet 995c S/N MY19E1C08Q0 stablished, this computer and the device ure creates a secret key that is used in all hese two devices to establish identity and evices exchange.
	To create the paired relations Bluetooth PIN Code: OK	nip, enter the PIN code and click OK. Cancel <u>H</u> elp

(4) HP DeskJet 995c is now connected with your Bluetooth enabled system. Click "OK" to continue.



(5) The Serial Port icon will change to green, indicates that the Bluetooth connection is on.



(6) You should now be able to wirelessly print a file to your HP DeskJet 995c.

6

Chapter6

Application note for Mac O.S.

(A) Setting Up Your Computer for Bluetooth (manual based on Mac OS 10.1.4)

(1) You need to set up your computer to use Apple Bluetooth Preview Release 2.1

(2) Insert the Bluetooth USB Adapter into an open USB port on your computer.

(3) Double-click **"Apple Bluetooth.pkg."** Install the Apple Bluetooth Preview Release 2 software, then restart your computer.

(4) Open the Bluetooth pane of System Preferences and click the Settings tab.



(5) Select "Discoverable" and "Show Bluetooth status in the menu bar".



(B) Pairing Your Macintosh With a Bluetooth-Enabled Phone

(1) Before you can connect to the Internet, you need to pair your computer with your Bluetooth-enabled phone.

(2) Make sure your Bluetooth-enabled phone is on and in "discoverable" mode. See the documentation that came with your phone.

(3) Choose Search For Phones from the Bluetooth status menu in the menu bar.



(4) Select your phone in the "Pair with a Bluetooth Device" dialog box, then click Pair.

000	
	Pair with a Bluetooth Device
	Select a Bluetooth Device and click the Pair button. To find devices in range of your computer to pair with, click the Search button. If your device is not found make sure it is "discoverable" and search again.
	Device
	T39
	Found 1 devices.
Search	Cancel Pair

(5) Enter a passkey. Use any combination of numbers. When prompted, enter the same passkey on your phone.

Passkeys are requi same passkey mus computer. Most de Passkey, but some	red to pair with a Bluetooth device. The t be entered on the device as well as this vices allow you to create your own devices require a fixed one.
T39 Device	
•	

(6) Your computer is now paired with your phone. The name of your phone is listed in the Bluetooth status menu in the menu bar. Apple Bluetooth software remembers the pairing with your phone, so you should only need to pair with your phone once.

(7) You can now use your phone to dial your Internet service provider (ISP) and connect to the Internet. Follow these instructions to set up your computer and connect to the Internet.

Note: To access the Internet, you must have an active mobile phone account capable of digital services and an account with an ISP (fees may apply).

(C) Connecting to the Internet With a Bluetooth-Enabled Phone

To set up your computer to connect to the Internet with a Bluetooth-enabled phone:

(1) Choose your phone from the Bluetooth status menu in the menu bar.

(2) Open the Network pane of System Preferences. Choose **"Bluetooth modem"** from the Show pop-up menu.

	Lo	cation:	Automatic		
how: bluet	ooth-moden	1	÷)		
	[P	CP/IP	PPP Proxies Mo	dem	
	Modem:	Ericsson	T39 28.8	•	
		🗹 Enable	error correction and	compression in mo	idem
	Sound:	⊙ On ⊙ Off			
	Dialing:	 Tone Pulse 	Wait for dial to	ne before dialing	
		Show r	modem status in mer	u bar	
Charles	lock to preve	or further	changes	(Ann	ly New 3

Note: Make sure the "Bluetooth modem" port is turned on in the Network pane of System Preferences. To do this, choose Active Network Ports from the Show pop-up menu, and then select "Bluetooth modem".

(3) Enter your ISP information in the TCP/IP and PPP tabs.

(4) Choose the model of your phone from the Modem pop-up menu in the Modem tab.

(D) To connect to the Internet:

(1) Choose Open Internet Connect from the Bluetooth status menu in the menu bar.



(2) Choose "bluetooth modem" from the Configuration pop-up menu then click Connect.

000	bluetooth-modem	
Configuration:	bluetooth-modem	+
Service Provider:		
Telephone Number:	*99#	
Alternate Number:		
Name:		
Password:		
	Show modem status in	menu bar
These settings can be	changed in Network Preference	es. Edit
Status: Idle		Connect

(E) Pairing Your Macintosh With Bluetooth-Enabled Devices

Apple Bluetooth Preview Release 2 also lets you pair with other Bluetooth-enabled devices like Palm Powered handheld devices and other Bluetooth-enabled computers. Once you have paired with the device, Bluetooth remembers its name and the type of services it provides. Make sure the devices you want to pair with are in discoverable mode. See the documentation that came with the device.

(1) Click the Paired Devices tab in the Bluetooth pane of System Preferences.

00		Blu	etooth		
	Settings	Receiving Files	Serial Ports	Paired Devices	_
Paired Blue	etooth Devi	ces			
Select a devi computer ar	ice from the l id the device.	ist and press delete t	o remove the pair	ing between this	
Paired De	vices:				
				Char	•
				Delete	ŝ
					1

(2) Click New. Bluetooth searches for Bluetooth-enabled devices in range of your computer.

(3) Select the device you want to pair with and click Pair.

(4) Enter a passkey. Use any combination of numbers. If prompted, enter the same passkey on your Bluetooth-enabled device. Bluetooth remembers the name of the device. To delete the device from the list, select it and click Delete.

(F) Adding Serial Ports

Apple Bluetooth Preview Release 2 allows you to add any number of serial ports to your computer to enable incoming and outgoing connections with Bluetooth devices.

To add serial ports to your computer:

(1) Click New in the Serial Ports tab of the Bluetooth pane of System Preferences.

Bluetooth Se	rial Ports	5			
You can add a connections w your Bluetooth	ny number ith Bluetoc equipped	r of serial ports to oth devices. For e I handheld organi	your Computer to example, a port ma zer.	enable incoming or or y be used to synchroni	itgoing ze with
On/Off Auth.	Directio	on Name	Device	Service	
	C ort you do	New)	Edit) (Delete	a port,

(2) Name the port and select options for it.

Name:	dial
Port Direction:	O Incoming
vith Bluetooth de h equipped hand	Outgoing Select Device
Direction Na	
	Require Authentication
	Require Encryption

Device		Т39
BM570 00-02-81-64-0b-b6 CSR - bc2 F39	4 4 4	Dial-up Networking Fax Voice gateway Serial Port 1 Serial Port 2 OBEX Object Push IrMC Synchronization

Note: If the port is an outgoing port, click Select Device and then select a device from the Select Bluetooth Device Service list or search for a device by clicking Search.

(G) Exchanging Files Between Bluetooth-Enabled Devices

You can use the Bluetooth File Exchange application to exchange files between Bluetooth enabled devices. The Bluetooth File Exchange application is located in the Bluetooth folder, in the Extras folder inside the Applications folder on your hard disk.

Make sure the devices you want to exchange files with are discoverable.

(1) Drag the file you want to exchange onto the Bluetooth File Exchange icon. It is located in the Bluetooth folder, in the Extras folder inside the Applications folder on your hard disk.

(2) Click Search in the Send Files dialog box to find the Bluetooth-enabled devices in range.

(3) Select the name of the device you want to send files to from the list, then click Send.

Note: If no devices are found, make sure they are in discoverable mode. To make your computer discoverable, select Discoverable in the Settings tab of the Bluetooth pane of System Preferences.

(4) If you are asked for a passkey, enter one and click Respond. If the device receiving the files is prompted for a passkey, enter the same passkey on the receiving device and click Respond.

(5) If the receiving device is prompted that it is preparing to receive a file, click Accept to receive the files. Depending on the options selected, it may ask to open the file. Click Open to open the file.

(H) Synchronizing a Bluetooth-Enabled Palm Powered Device

With a Computer Using Palm HotSync Manager

If you have a Bluetooth-enabled, Palm Powered device, you can synchronize data between the device and a Bluetooth-enabled Macintosh using Palm HotSyncR Manager.

Make sure you have Palm Desktop 4.0 installed on your computer. For the latest version of the Palm Desktop software, go to www.palm.com/macintosh

(AA) Setting up Your Computer to Synchronize With the Palm Powered Device

(1) Open HotSync Manager, located in the Palm folder in the Applications folder on your hard disk.

(2) Select "bluetooth-pda-sync-port" in the Connection Settings tab.

Note: Make sure Enabled is selected in the HotSync Controls tab.

(AB) Setting Up Your Palm Powered Device to Synchronize With Your Computer

The following setup procedure only needs to be done once. Depending on the device, the names and locations of some menus may be different. For precise instructions, see the documentation that came with your device.

- (1) Open HotSync on your Palm Powered device.
- (2) Choose Connection Setup from the Options menu.
- (3) Click New to create a new connection and name the connection.

(4) Choose PC from the "Connect to" pop-up menu and choose Bluetooth from the Via pop-up menu.

- (5) Tap to find Bluetooth-enabled devices and choose your device from the list. Click OK.
- (6) Click OK, and then click Done.

(AC) Synchronizing Your Handheld Device With Your Computer

- (1) Choose the Bluetooth connection from the Connections pop-up menu.
- (2) Click the HotSync icon.

Troubleshooting

Q1: Why couldn't my Bluetooth device find any nearby Bluetooth devices?

A1: (1) Please check that your Bluetooth device is enabled by opening the Bluetooth Configuration window.

* My Bluetooth Places		
File Edit View Bluetooth Fa	vorites Tools Help	1
Back - C Search for de Device Confi	evices guration Folders	
Address 😵 My Bluetooth Places		👻 ラ Go
Bluetooth Tasks Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services Image: Constraint of the services		
Other Places Complete Desktop		

(2) If the Bluetooth device is enabled, you will see something of the following nature.

Iluetooth Configurat	ion ? 🛽
General Accessibility	Discovery Local Services Client Applications Hardware
Devices:	
Name	Туре
🍬 Bluetooth PC Card	I PCMCIA
Device Properties	
Device Status:	The selected device is working properly.
Manufacturer:	Cambridge Silicon Radio
Firmware Revision:	Version 525
Device Address:	00:10:60:A4:00:00
HCI Version:	Bluetooth HCl 1.1
HCI Revision:	020D
LMP Version:	Bluetooth LMP 1.1
LMP Sub Version:	020D
Retest	
	OK Cancel Apply Help

(3) Otherwise, for USB Bluetooth adapter, please unplug then plug in the USB Bluetooth adapter to enable the device.

For CF and PCMCIA Bluetooth card, please reboot the system with the CF/PCMCIA Bluetooth card securely inserted in the PCMCIA slot.

Bluetooth Configuratio	n		<u>? ×</u>			
General Accessibility	Discovery Local Services	Client Applications	Hardware			
Devices:						
Name		Туре				
Bluetooth Device	Is Not Detected					
Device Properties						
Device Status:	Device not found.					
	The device may not be installed correctly, it may be powered off, it may be disabled or it may not be operational.					
Check the Windows Device Manager for help troubleshooting the problem.						
Retest						
	OK Cancel	Apply	Help			

Q2: Why can't I transfer files from Nokia 7650 to my PC?

A2: If you are having trouble sending files from Nokia 7650 to your notebook or PC, follow the steps below:

(1) Execute "regedit" from the Run command (Start->Run)

(2) Locate the key:

HKEY_CURRENT_USER\Software\Widcomm\BTConfig\Services\0004, and locate the entry "Accept other".

(3) Set this key to 0x000001.

If the "Accept other" key does not exist, simply create it with type DWORD and fill in the value.

Save and exit Regedit. Reboot if necessary, now you should be able to send files from Nokia 7650 to your notebook or PC.

Q3: How come some devices within the connection range may not show up in the list of devices found?

A3: Your device is configured to report only specific types or classes of devices (Bluetooth Configuration Panel > Discovery tab, on your device). The unlisted device is configured to be non-discoverable (Bluetooth Configuration Panel > Accessibility tab, on the un-listed device).

Q4: Cannot connect to a paired device.

A4: Paired devices are always displayed in My Bluetooth Places, even if the remote device is out of range or not powered up.

Verify that the remote member of the pair is within radio range, and powered up, and then attempt the connection again.

Q5: Cannot discover services on an un-paired remote device

A5: The remote device may not be powered up or may be out of range.

- Verify that the remote device is powered up.
- Verify that the remote device is in Connectable mode (Bluetooth Configuration Panel > Accessibility tab).
- Perform a Search for Devices to verify that the device is within range.

Q6: Dial-up networking service does not start.

A6: The Dial-up Networking service will not start unless a properly configured modem is attached to the server.

• Verify that the modem is usable as a local device on the computer to which it is attached. In the Bluetooth Configuration Panel \rightarrow Local Services tab \rightarrow double-click the Dial-up Networking service \rightarrow Click the down arrow in the Modem field and select the modem that will be used to dial out, click the **OK** button to close the Bluetooth Configuration Panel.

Q7: Determine the Bluetooth device address (BDA) of my hardware device. A7: In the Bluetooth Configuration Panel, on the Hardware tab, in the Devices section, select the device you want to determine the address of. In the Device Properties section of the dialog box, the fourth entry, Device Address, is the BDA of the selected Bluetooth device.

Q8: Determine the version of the host controller interface (HCI)

A8: In the Bluetooth configuration panel, on the hardware tab, in the device properties Section, the fifth entry provides Bluetooth specification compliance information for the host controller interface.

The sixth entry contains the specification revision information for the host controller Interface, if appropriate.

Q9: Determine the version of the link manager protocol (IMP)

A9: In the Bluetooth configuration panel, on the hardware tab, in the device properties section, the seventh entry provides link manager protocol version number information. The eighth entry contains the link manager protocol sub-version number information, if appropriate.

Q10: How to find information about the Bluetooth hardware attached to my computer?

A10: In the Bluetooth configuration panel, select the hardware tab.

Q11: Internet connection sharing does not work

A11: This occurs because Internet connection sharing was enabled when Bluetooth was installed (this is a Microsoft windows behavior and is considered proper operation). To resolve the "problem":

1. Disable sharing for the Ethernet adapter:

a) Windows control panel > network and dial-up connections

b) Right-click "local area connection," select properties, and then select the Sharing tab.c) Clear (uncheck) the box for "enable internet connection sharing for this "Connection" and click ok.

2. Re-enable sharing for the Ethernet adapter; repeat step 1.c.), and select (check) the sharing box.

If offered an option to select an adapter, select "Bluetooth network adapter" (this option will not appear unless more than one adapter is available.) If asked to reboot the computer, do so.

Q12: Test a network access connection.

A12: If the client is hardwired to the LAN, unplug the hardwired connection to ensure that the Test checks the wireless connection rather than the hardwired connection. If the server has access to the Internet, open a browser on the client and connect to the World Wide Web.

You may also ping the server from the dos prompt.

Q13: Unknown port message when using a Bluetooth serial port.

A13: The "unknown port" error message usually means an attempt was made to connect a port that was in use. Additional Bluetooth serial ports can be added if they are required.

A14: Bluetooth headset doesn't always function under Win98.

Q14: Windows 98 cannot convert audio files with the extension m3u (e.g., myfile.m3u) into the pulse code modulation (pcm) audio format used by Bluetooth headsets; this is a limitation of windows 98.

Other versions of windows (2000, me and XP) can translate m3u audio files into the pcm format.

Possible solutions are:

- Upgrade to a newer version of Windows
- Use an m3u-to-mp3 conversion utility to convert the file(s) into a format that is

supported by Windows 98. (Conversion utilities are available as freeware or shareware on the Internet.)