

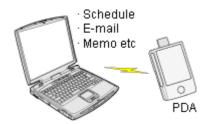
🏹 Note

• This window is an example showing pictures when [Filmstrip] has been selected fr the [View] menu in Explorer.

Synchronising information using ActiveSync [SPP]

This section describes how to synchronize information on your PDA (calendars, contacts, inb etc) with your PC using Microsoft ActiveSync.

When you connect via Bluetooth instead of with a standard cable, you will always be able to synchronise your data without the hassle of having to connect the cable.



Connecting using ActiveSync Establishing a partnership between ActiveSync and a PDA Finishing an ActiveSync connection Cancelling a partnership

- Please use ActiveSync v.3.7 or higher. Also please establish a partnership between the devices using a USB or infrared link before you connect via Bluetooth.
- Please refer to the ActiveSync Help or other manuals for information on how to use the application.
- Microsoft Outlook 2002 or another schedule management tool must also be installed on PC.

Connecting using ActiveSync

Both the PC and PDA must be set up in order for a connection to be established.

Preparing the PC



 On the PC, click on [Start] [All Programs] [Microsoft ActiveSync] The initial ActiveSync set -up window will appear. It is assumed in the explanation below that no ActiveSync connections have been established with other devices.

🕲 Microsoft Acti	veSync	
Eile Yew Lools t	<u>t</u> elp	
	etals Explore Options	
No partner	ships	
Not connected		0
Information Type	Status	
Information Type	Status	

2. Click [File] [Connection Settings]



The [Connection Settings] window will appear.

3. Place a check next to [Allow serial cable or infrared connection to this COM por and then select "COM7".

X

Connection Settines

63	computer.	
	Status: Waiting for device to connect	Get Connected
▼ Allo	w gerial cable or infrared connection to thi	s COM port
	DM7	
Sta	tus: COM port is not available	
	w <u>U</u> SB connection with this desktop comp	outer.
Sta	tus: USB is available	
	w getwork (Ethernet) and Remote Access ver connection with this desktop computer	
Sta	tus: Network is available	
Statu	sicon	
	how status jcon in Taskbar.	

🇞 Note

In the standard set-up, the port is configured to "COM7" (refer to Steps (3) (4) under "Preparing the PDA" below). When using a different port, please change the port number selected in this window.

Preparing the PDA



1. Tap on the Bluetooth icon in the bottom right of the screen



Important

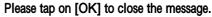
 The graphic above shows an example of a PDA operating window. The connection procedure may be different depending on the manufacturer model of PDA you use. Please refer to the product instruction manuals for further details.

The [Bluetooth Settings] window will open

.... [Bluetooth Settings] window will open.

The message "Connection not registered" will appear if no Bluetooth device has registered.





2. Double click on [Tools] [Search for peripheral components]

Remote Devices	Status
Service Name Status	Description
Device Search	
Search Options	X
Delete Ghost Devices	
Tools View Options 🔍	■ -

The application searches for nearby Bluetooth devices.

3. Tap and hold on the destination PC icon, and then select [Update Services]



Description
Status

A search for services will be carried out, and then a list of service names and the connection status will appear as list in the lower window.

PC-1	Sett [«] ¶" ∔	.*
Service Name	Status	Description
Ͷecom7	Not C	SerialPort(T
🔁 File Trans	Not C	OBEX File Tr
🕼 Object P	Not C	OBEX Objec
Tools View Op	tions 🔍	=

4. Tap and hold on "COM7" from the list of service names, and then select "Registe ActiveSync".

27	Bluet	ooth	Sett 👘	-	. ◀€ 12:15	9
	PC-1					
Ser	vice N	ame	Status		Description	n
	OM7 ile Tr	Act	iveSync	Re	gistration	(-
	Objec			Re	gistration	
	L		perties	_		
Too	s Viev	# Opt	ions Q	ž–		≝ ^

5. Tap [OK] in the confirmation message window

Bluetooth	🎊 Bluetooth Sett 🙌 🗱 📢 12:13 🛛 🐽				
ActiveSynd	ActiveSync Auto Connect				
Beginning ActiveSync Auto Connect. To use a function other than ActiveSync Auto Connect, cancel this setting.					
Service Name	Status	Descr	πption		
00-COM7	Not C.	Serial	Port(T		
💾 File Trans	Not C.	OBEX	File Tr		
🕅 Object P Not C OBEX Objec					
Tools View Options 🍳 🛛 🔤 🔺					

An ActiveSync connection will be initiated.

Establishing a partnership between ActiveSync and a PDA

Once a connection has been successfully established with a PDA, the procedure for establishing a partnership with the PDA will be started by the ActiveSync application on PC.

Performing this set-up procedure will enable data to be synchronised between your PC a PDA.



1. In the [New Partnership (Set Up a Partnership)] window, select "Standard partnership", and then click on the [Next] button



The [New Partnership (Specify Data Synchronisation Method)] window will appe

2. Select "Synchronise with this PC", and then click on the [Next] button



The [New Partnership (Select Synchronisation Settings)] window will appear.

Select the type of information to be synchronised between your PC and PDA, and click on the [Next] button

Select the type of informa	ition you want to synchronize.	5	
	ar type of information, select its check box. To sto formation, clear its check box.	q	
Mobile Device	Desktop Computer	^	
AvantGo	AvantGo Channels		
Calendar	Microsoft Outlook	=	
Contacts	Microsoft Outlook		
E 🖂 🖂 Favorites	Internet Explorer		
E Eles	Synchronized Files		
🗹 🏫 Inbox	Microsoft Dutlook		
	Microsoft Outlook	~	
To find out more about a	nd to customize what gets synchronized, click	Culture	
	n the list and then click Settings.	Settings	

The [New Partnership (Completing Setup)] window will appear.

4. Click on the [Finish] button





When you click on the [Finish] button, ActiveSync will begin to synchronise you information.

[Confirming changes]

Ele View Iools H		
8 8	100 COLOR 100 CO	
	tais Explore Options	
PDA-1		
I Information Type	Status	
e	Status	

(Synchronisation process)

[Synchronisation complete]



While the ActiveSvnc connection is active. svnchronisation will be performed

whenever information is changed on either the PC or the PDA.

Once a partnership has been established, every time you start your PC (and PDA thereafter, a Bluetooth connection will be opened and ActiveSync will synchroni your information.

Finishing an ActiveSync connection

Follow the procedure below on your PDA if you want to end an ActiveSync connection manually.



1. Tap and hold on "COM7" in the Bluetooth Settings window, and select [ActiveSy Release]

PC-1	n Sett "†" 🐺	4 € 12:20	•
Service Name MECOM7 File Trans	Conne ActiveSync	Description SerialPort/1 Release Registratio	
Tools View O	ptions 🔍	E	≝ ^

Cancelling a partnership

Follow the procedure below from the ActiveSync window on the PC if you want to canc partnership between your PC and PDA.



1. Click on [File] "Delete partnership"

Elle View Iools Hel	P	
Synchronize Stop	lore Options	
Mobile Device Explore	•	63
Delete Partnership		9
Get Connected Connection Settings.		
Close		7A

Calendar		
Contacts		
Tasks		
Favorites		
Inbox		
l		

Click on the [Yes] button when the confirmation message appears.

🐑 Note

o If you wish to create another ActiveSync connection, you will have to repe above procedure to re-establish a partnership.

Using a headset to communicate [HSP]

This section provides a description of how to use a Bluetooth -compatible wireless headset to communicate (chat) using Microsoft NetMeeting or other software.



1. Right-click on the Bluetooth icon in the tasktray, then click on [Add New Conne

Bluetooth Settings Wireless File Transfer Remote Camera
Add New Connection
Device Properties & Security Power Off Service Properties
Help Exit
- EN 🖽 🗸 🕥 🕹

🇞 Note

 Alternatively, you can click on [Start]>[All Programs]>[Bluetooth]>[Blueto Settings], then click on [New Connection] in the [Bluetooth Settings] scree has opened.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizar screen will appear.

2. Turn the headset power on Once you have turned on the headset, set the mode to enable a Bluetooth connect

🔘 Important

- The procedure for operating the headset may differ depending on the manufacturer and model.
 Please consult your user guide for a detailed description of how to operate unit.
- 3. Confirm that [Express Mode] has been selected, then click on the [Next] button

Add New Connection	Wizard 🛛 🕅
Welcome to the Add New Connection Wizard	
	This wizard registers the connection information of a remote device. Select the wizard mode. Select the wizard mode. Express Mode (Recommended) The most useful service on a remote device is set up. Custom Mode An available service on a remote device is selected and set up.
	Back Next > Cancel

The [Add New Connection Wizard (Searching for Bluetooth Devices)] screen wi appear.

Add New Connection W	'izard	$\overline{\mathbf{X}}$
Searching for Bluetoo	th devices.	
	Searching for Bluetooth devices.	



Once the device search has been completed, the [Add New Connection Wizard (S a Device)] screen will appear.

4. Select the name of the headset device from the list, then click on the [Next] butto

Add New Connection Wi	zard 🛛 🕅
Select a device	
	Please choose the Bluetooth device you wish to use. Bluetooth device Device Name HS01 Refresh
	< <u>B</u> ack <u>N</u> ext > Cancel

5. Answering with the headset

If the service has been properly detected, a screen will appear indicating that the headset is being called, and a tone will accordingly sound in the headset.

Bluetooth Settings	
S	Calling headset. Please press headset button.
A.	Cancel

Please press the headset switch.

Important

 The procedure for operating the headset may differ depending on the manufacturer and model.
 Please consult your user guide for a detailed description of how to operate

unit.

The [Add New Connection Wizard (Configuring (Connecting to Voice Circuit))] screen will appear, and device configuration will be performed.

Note

 If you are connecting to the headset for the first time, or if another Bluetoo audio device has not yet been registered, the following [Found New Hardw Wizard] screen will appear, from which you can proceed to install the drive

If another audio device has already been registered (i.e., the driver has been installed), you can proceed to Step 9 without having to install the driver.

6. Click on the [Next] button



The [Install Hardware] screen will appear.

7. Click on the [Continue Anyway] button

The following screen will appear automatically. You may disregard it and click o [Continue Anyway] button.



The [Add New Connection Wizard (Completing the Found New Hardware Wizar screen, which is the final screen of the installation wizard, will appear.

Q Click on the [Einich] hutton

o. Ones on the [Finish] button

Found New Hardware Wize	ard
	Completing the Found New Hardware Wizard The wizard has finished installing the software for: Bluetooth Audio Device (WDM) from TOSHIBA
	Click Finish to close the wizard.
	K Back Finish Cancel

Once driver installation is complete, the [Add New Connection Wizard (Enter Connection Name)] will appear.

9. Confirm the information you have entered, and click on the [Next] button

Add New Connection W	fizard 🛛 🛛 🔀
Enter a name and sel	ect an icon.
	Set up the connection name and icon. Setting information Connection Name: HS01 Icon Change Icons Create a shortcut on the desktop
	<back next=""> Cancel</back>

The [Add New Connection Wizard (Completing the Add New Connection Wizar screen will appear.

10. Click on the [Finish] button

The configuration information will be registered, and an icon will be displayed in [Bluetooth Settings] screen.



Making a connection to the headset

You can make a connection to the headset from an icon that has been registered in [Blue Settings].

Important

- Before making a connection to the headset, please check that you have turned on th headset's power, and that it has been enabled for a Bluetooth connection.
 Please ensure that the following audio -related applications have been closed before connect the headset to your PC.
 - Windows Media Player, BeatJam, InterVideo WinDVD and other music/audi playback software
 - Windows Messenger and other e-conferencing software

If you wish to use these applications, please terminate the headset connection befor launch them.



1. Right-click on the headset icon, then click on [Connect].

😽 Bluetooth S	Settings	. 🗆 🛛
Bluetooth View	Help	
	81	Bluetooth'
9		ה
<u>H501</u>	Connect Disconnect Delete Detail	
	Create Shortcut on Desktop Rename Change Icons	slete
	ew onnection	

2. Answer with the headset

A screen will appear indicating that the headset is being called, and a tone will accordingly sound in the headset. Please press the headset switch.





If the connection has been properly established, the icon's appearance will change indicate a connected state.



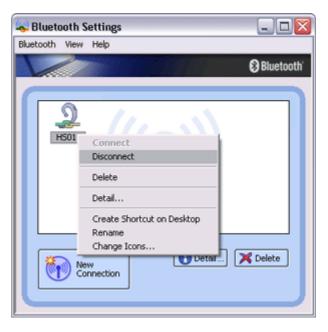
You may now launch conferencing and voice -recognition software and use the headset.

Disconnecting from the headset

Please follow the steps below to disconnect from the headset.



1. Right-click on the headset icon in the [Bluetooth Settings] screen, then click on [Disconnect].



A message will appear, requesting confirmation that you wish to disconnect. Clic the [Yes] button.

The icon on the [Bluetooth Settings] screen will appear as shown below, indicatin that the device has been disconnected.



Making a device undiscoverable to other users

For security purposes, you may not wish your device to be detected by other Bluetooth users procedure for accomplishing this is provided below.



1. Right-click on the Bluetooth icon in the task tray, and click on [Device Propertie Security]

Bluetooth Settings	
Wireless File Transfer	
Remote Camera	
Add New Connection	
Device Properties & Security	3
Power Off	
Service Properties	
Help	
Exit	
EN ? 🍹	(<

The [Device Properties] window will appear.

2. Select [Non-discoverable mode] in [Discoverability mode] under the [Security] t and then click on the [OK] button

evice properties & Security
netal Security
Discoverability mode
Non-discoverable mode
O General discoverable mode
Connectability mode
O Non-connectable mode
Connectable mode
Paring mode
O Non-pairable mode
Pairable mode
Security mode
Link level enforced security
Encryption
Default
OK Cancel A

Your device will now be undetectable by other users, even when they search for devices.

🏹 Note

 Other devices are still able to establish connections with your device even if you ha enabled the Non-discoverable mode.
 Please enable "Non-connectable mode" if you wish to reject connections from othe devices.

Related topic: "Bluetooth Manager"

Encrypting the content of your transmissions

Since Bluetooth communication is conducted wirelessly, there is always the possibility that a party may be able to intercept your transmissions.

You can use encryption to render the content indecipherable to anyone who manages to inter it.

Important

 Encrypting your transmissions will still not guarantee complete security. Accordingly, please be aware that transmitting data is conducted with an element of risk for the user



1. Right-click on the Bluetooth icon in the task tray, and click on [Device Propertie Security].



The [Device Properties] window will appear.

2. Select [Link Level Enforced Security] in [Security Mode] under the [Security] ta a check next to [Encryption], and then click on the [OK] button



	De	fault
		1997
OK OK	Cancel	Appl

Note

 Once you have configured the security mode, a window will appear when you first a connection to another device, prompting you to enter a Bluetooth passkey (PIN c Please click on the [OK] button after you have entered the passkey.

	Bluetooth Passkey (PIN):	1
-	(If left blank, the de	efault PIN will be used.)
(Red)	Request Device	
	Bluetooth Device Address:	00:03:7A:02:C9:87
	Bluetooth Device Name:	PC-1

 The window in which you enter the passkey will not appear once you have connect more than two times to the device.

Related topic: "Bluetooth Manager"



The "default connection" refers to the dial -up connection configured for use whenever a connection is made to the Internet.

If several connections have been registered, you can change the default connection by follow the procedure below.



- 1. Start Internet Explorer
- 2. Click on [Tools] [Internet Options...]



The [Internet Ontione] window will ennear

Internet Options] window will appear.

3. Click on the [Connections] tab

ternet Options	3
General Security Privacy Content Connections	Programs Advanced
To set up an Internet connection, click Setup.	Setup
Direct Connection (Default)	Add
London A	Remove
Choose Settings if you need to configure a proxy server for a connection.	Settings
Never dial a connection	55555 - 11 p
O Dial whenever a network connection is not preserved	nt
Always dial my default connection	244444
Current Direct Connection	Set Default
CLocal Area Network (LAN) settings	
LAN Settings do not apply to dial-up connections. Choose Settings above for dial-up settings.	LAN Settings
OK Can	cel Apply

In this window, "Direct Connection" is set as the default, and "Never dial a connection" has been selected.

Change the settings so that "London A" will always be dialled when you connect the Internet.

4. Select "Always dial my default connection"

ternet Optio	ns	7 - 0	2
General Secur	ity Privacy Content	Connections	Programs Advance
Setup	up an Internet connec	A.	Setup
-	Connection (Default)	eruliys	Add
Londor			Aga
			<u>R</u> emove
Choose Setti server for a	ngs if you need to conf connection.	igure a proxy	Settings
O Never dia	a connection		
O Dial when	ever a network connec	tion is not pres	ent
Always di	al my default connection	3	
Current	Direct Connection	1	Set Default
- Local Area N	etwork (LAN) settings -		
	do not apply to dial-up ngs above for dial-up s		LAN Settings
	20	1	

Internet Options ? × General Security Privacy Content Connections Programs Advanced To set Setup. To set up an Internet connection, click Setup. Dial-up and Virtual Private Network settings Direct Connection (Default) Add Remove Choose Settings if you need to configure a proxy Settings server for a connection. O Never dial a connection O Dial whenever a network connection is not present Always dial my default connection Set Default Current **Direct Connection** Local Area Network (LAN) settings LAN Settings do not apply to dial-up connections. LAN Settings... Choose Settings above for dial-up settings. 0K Cancel Apply

5. Click on "London A", and then click on the [Set Default] button

"London A" has been changed to the default connection.

General Securi	ty Privacy Content	Connections	Programs Advar	10
Setup.	up an Internet connec	- 13. 	Setup	
	Connection		Add	Í
Se London	A (Defauit)		Remove	1
Choose Settin	ngs if you need to conf	igure a proxy	Settings	
O Dial when	l a gonnection ever a network connec al my default connectior	Constant and the second se	ent	
Current	London A		S <u>e</u> t Default	
- Local Area N	etwork (LAN) settings-			
LAN Settings	do not apply to dial-up ngs above for dial-up s		LAN Settings	
*				

🏹 Note

- Alternatively, if you wish to connect to the Internet from a LAN in a company or o environment where a LAN can be accessed, select "Never dial a connection" if you a dial-up configuration, but do not want dial-up to occur automatically.
- When connecting to the Internet via a LAN, you must enter the appropriate LAN settings under [LAN Settings...].

Sending business card data from Outlook

This section describes how to send business card data wirelessly using Microsoft Outlook

🐑 Note

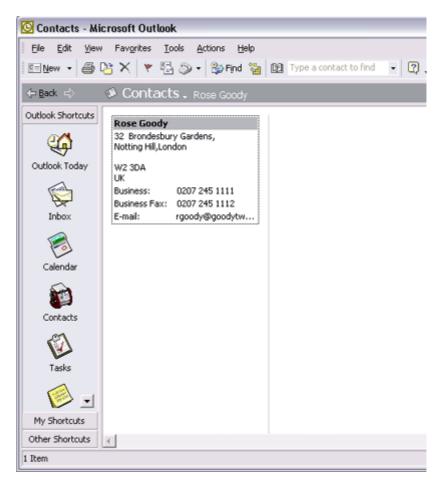
 The explanation below relates to an example in which Microsoft Outlook 2002 has bee used to perform the procedure. Subtle differences may arise when using other versions software.

🥪 Sending business card data

You can send business card data directly from the "Contacts" window in Outlook.



1. Start Microsoft Outlook, and open the "Contacts" window



2. Double-click on the contact whose details you wish to send as a business card

The details of the contact you selected will appear.

E Rose Goody - Contact

Full Name	Rose Goody	Business Home	▼ 0207 245 11
Company: File as:	Rose Goody 🗸	Business Fax Mobile	▼ 0207 245 11
Address Business	32 Brondesbury Gardens, Notting Hill,London W2 3DA UK	E-mail Display as:	Rose Goody
	This is the mailing address	Web page address:	ess:

3. Click on the [to Bluetooth] from the toolbar

ons	Help	
- (•	🔹 🖃 to Bluetooth 🔪
Al	Fields	
	-	1

The [Device List] window will appear.

🏹 Note

- If the [to Bluetooth] button does not appear on the toolbar, please refer to Installing business card-sending functionality in Outlook as an Add -in" be and change the settings accordingly.
- 4. Select the destination for the business card data, and then click on the [Send] but



Note

 If you cannot find the destination device in the list, please click on the [Searching for devices] button to discover it.

The business card will be sent.

If the business card has been sent successfully, the message below will appear.

Bluetooth	
٩	Business Card transfer was successful.
	ОК

🏹 Note

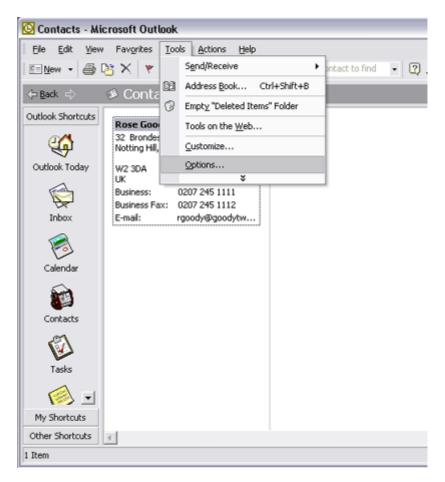
 If the transmission was unsuccessful, please attempt to send the data once m after having confirmed the operating conditions (power status, security sett etc) of the destination device.

Installing business card-sending functionality in Outlook as an Add -in

You can install one of the functions of the Bluetooth Utility in Outlook as an "Add -in", will enable you to send business cards from the Outlook toolbar.



1. Click on [Tools]-[Options...] in Outlook



The [Options] dialog box will appear.

2. Select the [Other] tab, and then click on the [Advanced Options...] button in the "General" field



The [Advanced Options] dialog box will appear

3. Click on the [COM Add-Ins...] button

Advanced Options	? 🔀
General settings Startup in this folder: Inbox Varn before permanently deleting items When selecting text, automatically select entire word	•
Provide feedback with sound Show Paste Options buttons Enable mail logging (troubleshooting)	
Appearance options Date Navigator: Font Ø pt. Tahoma ✓ When viewing Notes, show time and date Task working hours per day: 8 Task working hours per week: 40	
Reminder Options Add-In Manager Custom Forms COM Add-Ins OK Car	ncel

The [COM Add-Ins] dialog box will appear.

4. Click on the [Add...] button

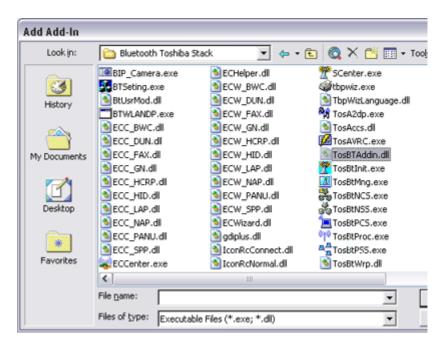
CONTRACTO

file://C:\Documents and Settings\anitachou\Local Settings\Temp\~hh114B.htm

COM AUG-IIIS	
Add-Ins available: Cancel Add Remove	ОК
	Cancel
	<u>A</u> dd
_	Remove
Location:	
Load Behavior:	

The [Add Add-In] dialog box will appear.

5. Select "TosBTAddin.dll", and then click on the [OK] button



🏹 Note

- "TosBTAddin.dll" can be found on the hard drive at the address below.
 C:\Program Files\Toshiba\Bluetooth Toshiba Stack
- 6. Confirm that "Send to Bluetooth" has been added to the list and that a check appe next to it, and then click on the [OK] button

COM Add-Ins	? 🛛
dd-Ins available: Send to Bluetooth Cancel Add Remove C:\Program Files\Toshiba\Bluetooth Toshiba Stack\TosB1	
dd-Ins available: Send to Bluetooth Cancel Add Remove	
	Cancel
	<u>A</u> dd
	Remove
Location: C:\Program Files\Toshiba\Bluetooth Tosh	iba Stack\TosBT
Load Behavior: Load at Startup	

This will complete the Add in presses

rms will complete the Add-m process.

Manually creating a virtual Bluetooth COM port

In order for a PC to connect to and communicate with a Bluetooth device, the Bluetooth Util will create a gateway for data to be exchanged between the respective devices. This gateway known as a "port" (or "virtual COM port").

Since one virtual COM port will be allocated to each device, trouble -free communication w be possible even if several devices are being used.

When you use the Bluetooth Utility, a virtual COM port will be automatically created on set however, virtual COM ports can be created manually if so needed.

🐑 Note

Bluetooth Manager must be active in order for you to be able to use Bluetooth Local C

Clients and servers

When Bluetooth communications are performed, there will always be a "client/server" relationship between the various devices. A "client" is a device that sends certain request another device, while a "server" is a device that provides a service on receipt of such req from another device.

For example, when a PC issues a print command to a wireless printer, the PC functions a client, while the printer functions as the server.

When a PDA or other device attempts to receive files located on a PC by means of file transfer protocol, the PC functions as the server, while the PDA functions as the client.

Virtual Bluetooth COM ports can be created both for clients and servers.

- Bluetooth virtual COM port for a client Virtual COM port used when your device is the client, and requests are sent to ano device.
- Bluetooth virtual COM port for a server Virtual COM port used when your device is the server, and requests are received fr another device.

Creating a virtual COM port

Bluetooth virtual COM ports are created according to the procedure below.



1. Click on the [Printers and Other Hardware] icon in the Control Panel

Control Panel		
File Edit View Favorites	Tools Help	
😋 Back + 🔘 · 🍠	🔎 Search 🜔 Folders 🛄 +	
Control Panel	Pick a category	



The [Printers and Other Hardware] window appears.

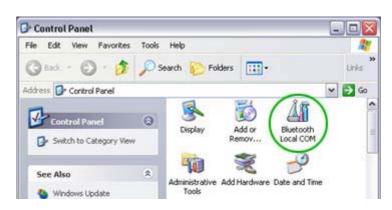
2. Double-click on the [Bluetooth Local COM] icon

Printers and Other Hardware		-
File Edit View Favorites Took	Help	
🔇 Back + 🔘 · 🍠 🔎	Search 🌔 Folders 🛄 +	
See Also R	Printers and Other Hardware	
📚 Add Hardware		
💁 Display	Pick a task	
 Sounds, Speech, and Audio Devices 		
D Power Options	Went installed printers or fan printers.	
😼 System	Add = printer	
Troubleshooters *		
2 Hardware	or pick a Control Panel icon	
Printing	All the stough Lacal CUM	
Home or Small Office Networking		
	Keyboard house	
	Phone and Pholess Dysters 🍓 Printers and Passes	
	Scarmers and Converse III TOSHIBA Controls	
	2	
	🧐 TOSHIBIA HWSetup 🛛 🔣 Wirelers Link	

The main Bluetooth Local COM window will appear.

Note

 Even when the Control Panel appears in Classic view, please simply click o [Bluetooth Local COM] icon.





- \circ No such distinction between viewing formats exists in Windows 2000.
- 3. Click on the [Add...] button

xisting CD	M Ports:		
Port	Description	Owner	^
COM1	Communications Port (COM1)	System	
COM3	Software Modern	System	
COM6	Toshiba BT Port (COM6)	LocalCOM-Client	
COM7	Toshiba BT Port (COM7)	LocalCOM-Server[SerialPort[TOSHIBA	
COM10	Toshiba BT Port (COM10)	Information Exchanger	=
COM11	Toshiba BT Port (COM11)	Information Exchanger	
COM12	Toshiba BT Port (COM12)	Information Exchanger	
COM13	Toshiba BT Port (COM13)	Information Exchanger	
COM14	Toshiba BT Port (COM14)	Information Exchanger	
COM15	Toshiba BT Port (COM15)	Information Exchanger	-
COM16	Toshiba BT Port (COM16)	Information Exchanger	
COM17	Toshiba BT Port (COM17)	Information Exchanger	~
<	11	() ()	

The [Bluetooth Local COM Wizard] window, from where you can create a virtua COM port, will appear.

🗿 Bluetooth Local COM	A Setup Wizard 🛛 🔯
	The Local COM Setup Wizard enables you to quickly and easily create a Bluetooth virtual COM port so you can connect to remote Bluetooth devices. Select the desired type of Bluetooth virtual COM port.
~	Create a Bluetooth virtual COM port for a client.
うら	(This creates a Bluetooth virtual COM port that can connect to the service of a remote device.)
	C Create a Bluetooth virtual COM port for a server.
	(This creates a Bluetooth virtual COM port that is ready to receive a connection from a remote Bluetooth device and provide service to that device.)
	<u> </u>

Start from this window when creating Bluetooth virtual COM ports for either ser or clients.

Creating a Bluetooth virtual COM port for a client Creating a Bluetooth virtual COM port for a server

Deleting a virtual COM port

Please follow the procedure below to delete a virtual COM port when it is no longer need

Sea Mata

EINOLE

- You can only delete virtual COM ports created by the Bluetooth Local COM utility
- 1. Select the port you wish to delete from the [Bluetooth Local COM] window, and click on the [Delete] button

xisting CO	M Ports:		
Port	Description	Owner	~
COM1 COM3	Communications Port (COM1) Software Modern	System System	ſ
COM4	Toshiba BT Port (COM4)	LocalCOM-Client	
COM6	Toshiba BT Port (COM6)	LocalCOM-Client	E.
COM7	Toshiba BT Port (COM7)	LocalCOM-Server[SerialPort[TOSHIBA	1
COM8	Toshiba BT Port (COM8)	LocalCOM-Server[SerialPort[TOSHIBA	ł.
COM10	Toshiba BT Port (COM10)	Information Exchanger	
COM11	Toshiba BT Port (COM11)	Information Exchanger	
COM12	Toshiba BT Port (COM12)	Information Exchanger	-
COM13	Toshiba BT Port (COM13)	Information Exchanger	
COM14	Toshiba BT Port (COM14)	Information Exchanger	
COM15	Toshiba BT Port (COM15)	Information Exchanger	×
<		>	

A message will appear asking you to confirm that you wish to delete the port.

2. Click on the [Yes] button



The port will be deleted.

3. Click on the [OK] button

xisting CO	M Ports:		
Port	Description	Owner	~
COM1	Communications Port (COM1)	System	ſ
COM3	Software Modern	System	
COM6	Toshiba BT Port (COM6)	LocalCOM-Client	
COM7	Toshiba BT Port (COM7)	LocalCOM-Server(SerialPort(TOSHIBA	
COM10	Toshiba BT Port (COM10)	Information Exchanger	-
COM11	Toshiba BT Port (COM11)	Information Exchanger	
COM12	Toshiba BT Port (COM12)	Information Exchanger	
COM13	Toshiba BT Port (COM13)	Information Exchanger	
COM14	Toshiba BT Port (COM14)	Information Exchanger	
COM15	Toshiba BT Port (COM15)	Information Exchanger	-
COM16	Toshiba BT Port (COM16)	Information Exchanger	
COM17	Toshiba BT Port (COM17)	Information Exchanger	~
<			

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This section provides detailed information on the [Bluetooth Settings] window.

Main window

Menu

[Bluetooth] menu

Category		Description	
Add New Connection	Opens the [Add New Connection Wizard] window, and then search new devices.		
Connect	Connects to selected device.		
Disconnect	Disconnects from selected device.		
Details	Displays detailed i	nformation about selected device.	
	Details of FAX		
	Information		
	Device Name:	BT-Modern	
	Device Address:	00:50:CD:11:00:65	
	Device Class:	Telephone(Wired modern or voice ga	
	Service Class:	Fax	
	Service Name :	Fax	
	Provider Name:	None	
	Setting		
	Port Name:	COM42	
	Auto Connect:	On	
	Options		

	Application path: OK Cancel Apply		
Delete	Deletes selected device.		
Create shortcut on Desktop	Creates a shortcut icon for the selected device on the Desktop.		
Rename	Changes the name of the device you have selected.		
Change Icon	Changes the icon of the device you have selected.		
COM Auto Connect Settings	Opens the [COM Auto Connect Settings] window, and allows you t enable/disable Auto Connect. Displays the device connection name and port used. Check the box enable Auto Connect, and remove the check to disable Auto Connect You will need to connect manually to use a device in the latter case		
	COM Auto Connect Settings		
AV player selection	Opens [Select AV Payer] window, and allows you to select the application to be used when you want to play sound files or CDs.		
	Select AV Player		
	Play music file Windows Media Player		
	Play CD audio Windows Media Player 💉		
	Play DVD WinDVD 🔽		
	CD/DVD drive D: Music file playback is prioritised, regardless of media in drive Display settings for receiving commands Display position Top-Right Return to default OK Cancel		
Exit	Closes the [Bluetooth Settings] window.		

[View] menu

Category	Description
Large icons	Changes the way icons are displayed on a device.
Small icons	
List	
Details	

[Help] menu

Category	Description	
Help	Opens the Bluetooth Utility User Guide.	
Version	Displays the version information for Bluetooth Settings. About Bluetooth Settings	
	Bluetooth Settings Version v3.00.00 Copyright 2002-2003 TOSHIBA CORPORATION. All rights reserved.	

2 Device List

Displays a list of devices that have been registered in [Bluetooth Settings].

Sunction buttons

Category	Description	
New Connection	Opens [Add New Connection Wizard] window.	
Details	Shows details of selected device.	
Delete	Deletes selected device.	

One-touch connection to Bluetooth devices

Creating a Shortcut

If you have created a shortcut icon on the Desktop, you can easily establish a connection to a device that has been registered using Bluetooth Settings without having to open the Bluetooth Settings window.

Procedure

1. Right-click on Bluetooth icon in task tray and click on [Bluetooth Settings]

Bluetooth Setting	5
Wireless File Transfe	r
Remote Camera	
Add New Connection	
Device Properties & S	Security
Power Off	
Service Properties	
Help	
Exit	

🐑 Note

• Alternatively, you can click [Start] [All Programs] [Bluetooth] [Bluetoot Settings].

The [Bluetooth Settings] screen will appear, from where you can create a Shortcut en "Bluetooth Mouse."

2. Right-click on the [BT-Mouse-01] icon, and then click on [Create Shortcut on Deskt

😽 Bluetooth S	Settings	_ 🗆 🛛
Bluetooth View	Help	
		🕄 Bluetooth
8	11	
BT-Mouse	Connect	
	Disconnect	
	Delete	
	Detail	
	Create Shortcut on Desktop	
	Rename	
	Change Icons	
	w Detail	X Delete

A shortcut icon entitled "BT -Mouse-01" will appear on the Desktop.



Establishing a connection from the Shortcut

1. Double-click on the "BT-Mouse-01" icon from the Desktop

The [Bluetooth Settings] window will open.

2. Turn on the mouse, set it to Bluetooth -connectable mode, and then click on the [OK button in the [Bluetooth Settings] window.



The mouse will be connected.





After a keyboard or mouse (HID profile), printer (HCRP or SPP profiles), or other device ha been set up for the first time, subsequent connections will be automatically restored wheneve operate the device, print out a document from the PC, or perform another similar activity.

Should the connection not have been properly restored, please establish a manual connection the device using the procedure below.



1. Right-click on Bluetooth icon in task tray and click on [Bluetooth Settings]



🏹 Note

Alternatively, click [Start] [All Programs] [Bluetooth] [Bluetooth Setting]

The [Bluetooth Settings] screen will appear, from where you can create a Shortcut en "BT Mouse."

2. Right-click on the [BT-Mouse-01] icon, and then click on the [Connect] button

😽 Bluetooth	Settings	_ 🗆 🔀
Bluetooth View	Help	
		😵 Bluetooth'
BT-Mour-	Connect	
	Disconnect	
-		
	Delete	
	Detail	
-	Create Shortcut on Desktop	
	Rename	
	Change Icons	🗙 Delete
(in the second s	ew onnection	
)		



3. Turn on the mouse, enable Bluetooth -connection mode, and click on the [OK] button the [Bluetooth Settings] window.

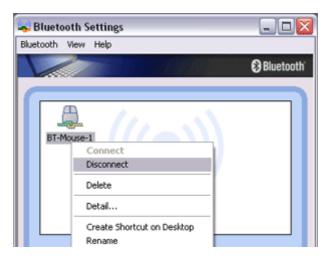


The mouse will be connected.



🖏 Note

 If you wish to manually disconnect a device, right -click on its icon and click [Disconnect].



Change Icons	iI 🔀 Delete
Connection	

When the following message appears, click on the [Yes] button.

Bluetooth Settings			
2	You will be unable to operate the remote HID device if you disconnect. Are you sure you want to disconnect?		
	Yes No		

Changing a connection icon

You can change a device icon that has been registered on the Bluetooth Settings screen.

Procedure

1. Right-click on the Bluetooth icon in the task tray, and then click on [Bluetooth Settin



Note 👔

Alternatively, click [Start] [All Programs] [Bluetooth] [Bluetooth Setting

The [Bluetooth Settings] window will appear. Now try to change the icon for "My Mobile."

2. Right-click on the "My Mobile" icon, and then click on [Change Icon]



	Delete Detail	4
	Create Shortcut on Desktop Rename	
	Change Icons	
1	lew Connection	🗙 De

A list of available icons will appear.

3. Select the micon, and then click on the [OK] button



The new icon will appear.

Bluetooth Settings	
Bluetooth Yiew Help	0
	🕄 Bluetooth
-	
	1
My Mobile	
No. 1	1 A A A A A A A A A A A A A A A A A A A
	Detal 🔀 Delete
New Connection	

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You can change a the name of a device icon that has been registered on the Bluetooth Setting screen.



1. Right-click on the Bluetooth icon in the task tray, and then click on [Bluetooth Settin



🏹 Note

o Alternatively, click [Start] [All Programs] [Bluetooth] [Bluetooth Setting

The [Bluetooth Settings] window will appear. Now try to change the connection nam "My Mobile" to "Pocket PC."

2. Right-click on "My Mobile", and then click on [Change Name]

luetooth Vi	ew nep	Bluetoot
		Oblactoot
	7	
My Mk	Connect Disconnect	
	Delete	
	Detail	
	Create Shortcut on Desktop	
	Rename	
	Change Icons	
12	New Detail	🔀 Delete
	Connection	

You will now be able to enter a name.



3. Enter "Pocket PC", and then hit the [Enter] key

The new name will appear.

Bluetooth Settings	
Bluetooth View Help	🕄 Bluetooth
	S
Pocket PC	
	Detail 🔀 Delete
New Connection	

Bluetooth Manager

This section provides detailed information on the settings categories in Bluetooth Manager.

🏉 Main menu

Bluetooth Settings		
Wireless File Transfer Remote Camera		
Device	Properties & Security	
Power (Off	
Service	Properties	
Help		
Exit		

Category	Description
Bluetooth Settings	Opens [Bluetooth Settings] window.
Wireless File Transfer	Open the [Wireless File Transfer] window.

Remote Camera	Open the [Remote C	Cameral window	
	Open the [Remote Camera] window.		
Add New Connection	Opens the [Add New Connection Wizard] window.		
Device	Displays Bluetooth device information on your PC.		
Properties&Security	[General] tab		
		rm the name, address	and other settings displ
	other devices.		
	Device properties &	Security	X
	General Security		
	Bluetooth Local Device	Information	5
	Device Name:	PC1	
	Device Address	X00000000X	
	LMP Version	02	
	LMP SubVersion	0490	
	HCI Version:	02	
	HD Revision	0490	
	Manufacture Name:	hacoccoccoccoccoccoccoccoccoccocco	
	Country Code:	00	
			r able to be changed. If e, enter the new name, a
	• Click on the [I	er) settings can be cor	n. tore the initial settings. nfigured under this tab.
	General Security		
	- Discoverability mode		1
	Non-discoverable r General discoverable		
	O General discoveral	we mode	
	Connectability mode Non-connectable n	anda	
	Connectable mode		
	Pairing mode Non-pairable mode	Contraction and the	19
	O Pairable mode		
	Security mode		0
	Link level enforced se	scunty 😡	1
	where the character of		

	to restore the initial settings.
Category	Description
Non- discoverable erability mode	Other devices will not be able to detect yours.
Discoverable mode	Other devices will be able to detect yours.
Non- connectable ctability mode	Other devices will not be able to connect to yours. ¹⁾
Connectable mode	Other devices will be able to connect to yours.
Non-pairable mode ²⁾	You will not receive pairing requests initiated from remote devices.
mode Pairable mode	You will receive pairing requests initiated from remote devices.
Non-secure mode	No security will be enforced.
y Link Level Security Enforced ³⁾	Requires Bluetooth passkey (PIN code) to be entered or connection with another device.
Encryption	Encrypts data to be transmitted.
from any device, includin be possible. ting Non-pairable mode w device in a new connection when a request has been i letection will still be possi	ally connected by entering a P ture connections. Connection v
when a request letection will st tes to which you require you to o	has been r ill be possi u have initi do so for fu

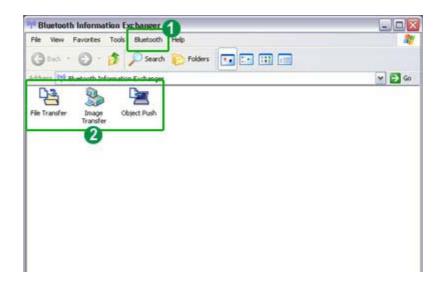
	Important		
	been turned off. When y	luetooth will be impossible once it ou next wish to use Bluetooth, plea oth icon in the task tray, and then c	
	Bluetooth Setting Wireless File Transfe Remote Camera		
	Add New Connection Device Properties & Power On Service Properties Help Exit	Security (Turned on)	
Service Properties		us kinds of access from remote dev	
	Service Properties		
	Please check the services th Bluetooth Information E PAN Networking Servic Bluetooth COM Port Se	xchange Service e rvice	
		Cancel	
	Vote		
	from remote devices. Th access made from remot remote devices from you settings.	d to provide robust security against e "enable/disable" controls only re e devices. You will still be able to ur local device, regardless of the in ach button to disable the related (se	
	Category	Description	
	Bluetooth Information Exchange Service	Ticking the box enables a (server function that allows files, images, business cards to be transferred fr remote device using Bluetooth Information Exchanger.	

	PAN Networking Service	Ticking the box enables a (server function that allows networking to performed from a remote device u PAN Networking Service.
	Bluetooth COM Port Service	Ticking the box enables a (server function that allows COM Service performed from a remote location the Serial Port Service.
	AV Remote Control Service	Ticking the box enables a (server function that allows remote contro performed from a remote device u AV Remote Control Service.
Help	Displays the Bluetooth Utility	y User Guide.
Exit	Exits Bluetooth Manager.	
	 When you exit Bluetoo be disabled. When you [Start] [All Programs 	th Manager, Bluetooth communicati next wish to use Bluetooth, please c] [Bluetooth] [Bluetooth Setting n [Start] [Programs] [Bluetooth]

Bluetooth Information Exchanger

This section provides detailed information on the settings categories in Bluetooth Information Exchanger.

Main window



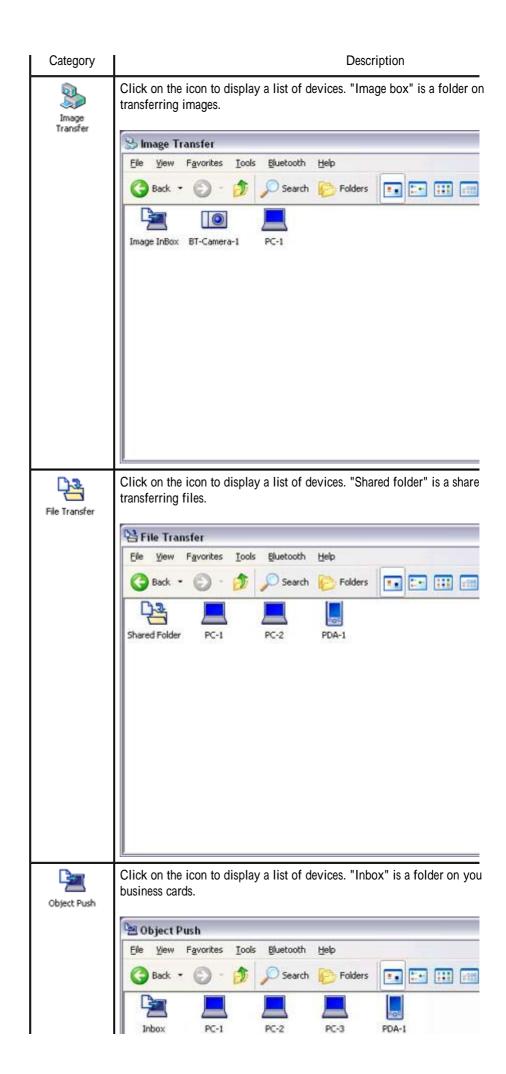
Bluetooth menu

Category	Description
Device Discovery	Detects Bluetooth devices.
Configuration	Allows detailed setting of categories related to Bluetooth Informati Exchanger.
	Bluetooth Information Exchanger Properties
	Associate Transfer Mode Service Security Service Class My Information Version General Mode Inbox/Business Card Shared Folder ImageInbox Device name Local-Device Device type Desitop
	OK Cancel Apply
	-[General] tab -[Mode] tab -[Inbox/Business Card] tab -[Shared folder] tab -[Image box] tab -[Associate] tab -[Transfer mode] tab -[Service security] tab -[Service class] tab -[Information] tab -[Version] tab
Help	Displays Bluetooth Utility User Guide.

2 Data exchange folders

Three folders are available for data exchange: "Image transfer", "File transfer" and "Obje Push".

Г







This section provides detailed information on the settings categories in Remote Camera.

Main window

Remote Camera etooth(B) Help	0	C Blueto
Buetosth camera	BT-Camera-1	Camera Search
Image data	4	6

Menu

[Bluetooth] menu

Category	Description
Device Search	Searches for remote cameras.
Properties	[Filter for Search Devices] Device detection filter

(i)	
Ca	ancel
	Ca

The program may discover devices other than digital cameras, depe on which profiles are supported by those devices.

Adjusting the setting to "Loose filtering" will increase the likelihoo devices other than those intended will be detected.

The further you slide the setting towards "Tight filtering", the strict will be the criteria determining device detection, and the lower the likelihood will be that irrelevant devices will be included.

Please adjust the filtration level according to the results of the searc

[Multi Shot]

Allows you to set the number of consecutive images captured by yo digital camera in the dialog box below (between 2 and 16 inclusive

umber of images:	3	< >
ОК	76	Cancel

[Pixel Size]

Images will be sent to your PC after having been automatically converted to the size specified in the dialog box below, regardless o size of the original image data.

Original	
0 160 * 120	
O 320 * 240	
<u> </u>	
0 800 * 600	
0 1024 * 768	
0 1280 * 960	
ОК	Cancel

	[Inbox settings]
	Opens the "Browse folders" dialog box and allows you to select t folder where you would like your captured images to be saved.
Exit	Exits Remote Camera.

[Help] menu

Category	Description		
Image monitor version information	Displays version information for the image monitor. Remote Camera version information		
	Copyright (C) 2003		

2 List of cameras

A list of cameras that have been registered as remote cameras will be displayed.

[Camera Search...] button

Clicking on this button will execute a search for remote cameras.

Locate Remote	Camera device
0	Please wait. Locating Bluetooth devices
	Cancel

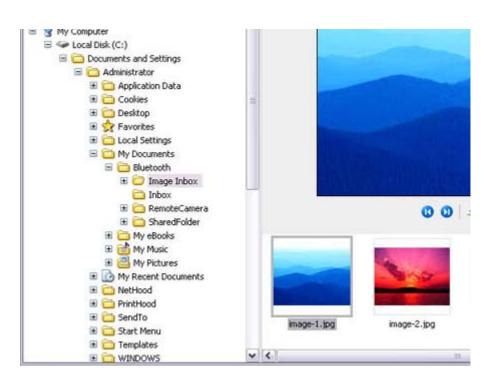
Oisplay images

Images transferred to the PC from a remote camera will be displayed.

6 [Explorer...] button

Clicking on this button will display the folders on the hard drive where images that have transferred to the PC have been stored.

Elle Edit Yew Favorites	<u>T</u> ools <u>H</u> elp		
🕝 Back 🔹 🕥 - 🍠	🔎 Search 👔	> Folders	
Folders		×	



🇞 Note

• A folder for saving your images will be created automatically.

Camera operation window



Camera images

Images as seen through the lens of your remote camera will be displayed.

2 Display magnification

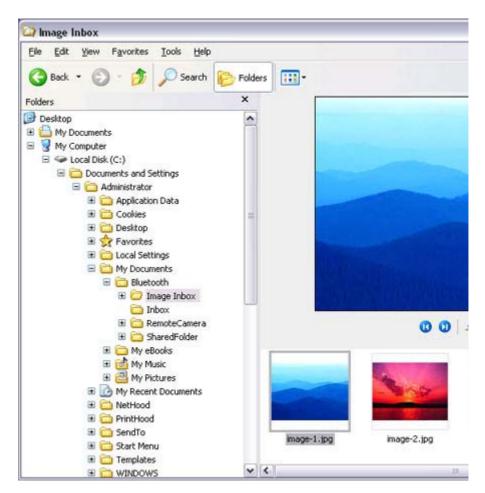
The size of the operating window display can be adjusted from 100% (1x) to 300% (3x).

Important

 Increasing the size of the operating window will impede its ability to display image and will have an adverse effect on other processes being performed by your PC. PI adjust the magnification as appropriate for your intended use.

[Explorer...] button

Clicking on this button will display the folders on the hard drive where images that have transferred to the PC have been stored.



Outputter Section (Consecutive Images)

Clicking this button will cause the camera to take the number of images specified in [Consecutive image settings] under the [Bluetooth] menu and then send those images to y PC.

Shutter button (single images)

Clicking this button will cause the camera to take one picture and then send the image to PC.



This section provides detailed information on the settings categories in Bluetooth Local COM

Main window

Port	Description	Owner
COM1 COM3 COM6 COM7 COM10 COM10 COM11 COM12 COM13 COM14 COM15 COM16 COM17	Communications Port (COM1) Software Modern Toshiba BT Port (COM6) Toshiba BT Port (COM7) Toshiba BT Port (COM10) Toshiba BT Port (COM11) Toshiba BT Port (COM12) Toshiba BT Port (COM13) Toshiba BT Port (COM14) Toshiba BT Port (COM15) Toshiba BT Port (COM16) Toshiba BT Port (COM17)	System System LocalCOM-Client LocalCOM-Server[SerialPort[TOSHIBA Information Exchanger Information Exchanger Information Exchanger Information Exchanger Information Exchanger Information Exchanger Information Exchanger Information Exchanger

Port

Displays a list of configured ports.

2 Description

Displays the function of each port. Ports displayed as "Toshiba BT Port (COMxx)" are TOSHIBA Bluetooth virtual COM p

Owner

Displays the application used to create those COM ports. The following information will appear for ports created by Bluetooth Local COM.

COM port for client	Local COM - Client
COM port for server	Local COM - Server [(name of service supplied by port)]

4 Function buttons

Category	Description
Add	Starts the Add COM Port Wizard.
	Ver Note
	 There can be up to 64 ports. If COM ports 1 to 64 already exist, you w not be able to add another port.
Delete	Deletes selected port.

	 Note You can only delete COM ports created by Bluetooth Local COM.
OK	Click on this button to confirm settings information, and close the Bluetooth Local COM window.

Wireless File Transfer

This section provides detailed information on the settings categories in Wireless File Transfe

Main window

🖼 Wireless file transfer	_ 🗆 🔀
	🕃 Bluetooth
Bluetooth can be used to transfer various files and several devices if they have been ticked.	folders to
File.Folder:	\square
1 mage-1.JPG	Add
	Delete
Transfer-enabled device:	
2 Name Connection method	Search
PC-1 Bluetooth	
	6
Cancel	Send

Files/folders

Displays a list of files/folders to be sent.

2 Devices to which data can be sent

Displays other devices to which you are able to send files. Files will be sent to those dev that have been checked.

Name

Displays name of destination devices.

Connection method

..... method

Displays method used to connect to other devices.

🗞 Note

• If a device to which you would like to send data is not listed, you can click on the [Search] button to search for other devices.

3Function buttons

Category	Description
Add	Displays the window below, from where you can add files and/or folders yo would like to send.
	Browse file/folder
	OK Cancel
Delete	By selecting a file from the list and clicking on the "Delete" button, you can remove that file (i.e., the file will not be sent).
Search	Searches for Bluetooth devices.
Cancel	Closes the "Wireless File Transfer" window.
Send	Sends a file.



This section describes possible causes and countermeasures to be considered when your Blue device cannot be configured properly, functions abnormally or presents other problems relate its operation.

Basic understanding

The section "What you need to know about using Bluetooth " describes the basic concep be aware of when using Bluetooth. Should you still encounter problems after having read through this information, please refer to the following list, which has been arranged acco to application.

- · · · · · · ·
- Troubleshooting by application
 - General operation of the Bluetooth Utility
 - Using a wireless modem station
 - Using an access point
 - Using a printer
 - Using a Bluetooth headset
 - Using a keyboard or mouse
 - Using a camera
 - Using a PDA
 - Using a mobile telephone

General operation of the Bluetooth Utility

Important

• Please refer to "What you need to know about using Bluetooth " for an understandi the basic concepts to be aware of when using Bluetooth.

Bluetooth Manager

Pluetooth icon does not appear in task tray

 If the Bluetooth icon does not appear in the task tray, Bluetooth Manager will not b active, which will prevent you from being able to use any of the functions of the Bluetooth Utility.
 Start the utilities as instructed below to enable Bluetooth Manager to start automation

Start the utilities as instructed below to enable Bluetooth Manager to start automati and allow all functions to be utilized.

Bluetooth Settings (from Windows XP) [Start] > [All Programs] > [Bluetooth] > [Bluetooth Settings] (from Windows 2000) [Start] > [Programs] > [Bluetooth] > [Bluetooth Settings]

Remote Camera (from Windows XP) [Start] > [All Programs] > [Bluetooth] > [Remote Camera] (from Windows 2000) [Start] > [Programs] > [Bluetooth] > [Remote Camera]

Wireless File Transfer (from Windows XP) [Start] > [All Programs] > [Bluetooth] > [Wireless File Transfer] (from Windows 2000) [Start] > [Programs] > [Bluetooth] > [Wireless File Transfer]

Bluetooth Settings

? Clicking on the [New Connection] button brings up the message "Unable to prepare Bluetooth."

• The wireless communication switch is turned off. Please switch it on.

Remote device(s) cannot be detected

• The other device(s) may have been set to Non -discoverable mode. Please check the mode settings on the device.

Services on a remote device are undiscoverable

- The other device may be using a profile that is not supported by the Bluetooth Util Please check the profile being used on the other device.
- The following profiles are compatible with Bluetooth Settings.

DUN, FAX, LAP, SPP, HID, HCRP, FTP, OPP, HSP, PAN and BIP

Devices running profiles other than those above will not be able to be registered wi Bluetooth Settings.

Bluetooth Information Exchanger

An error occurs when you try to send a file using the right -click menu.

 Select and right-click on a file, and then you can choose either the FTP or OPP pro use when you click on [Send to Bluetooth Device].
 If neither profile is supported by the destination device, the file will not be able to b sent from the right-click menu.

The transmission will also fail if you use FTP to send a file to a device that only supports the OPP profile.

Should this occur, please click on [Bluetooth] [Profiles] under [Bluetooth Inform Exchanger] to configure the Transfer mode.

Cannot open shared folder on remote device using [File Transfer].

 The other device may have a certain security level enforced (Non -connectable mo etc). Please confirm the security settings of the other device.
 Please enter the correct password if you are asked to enter one.

Remote Camera

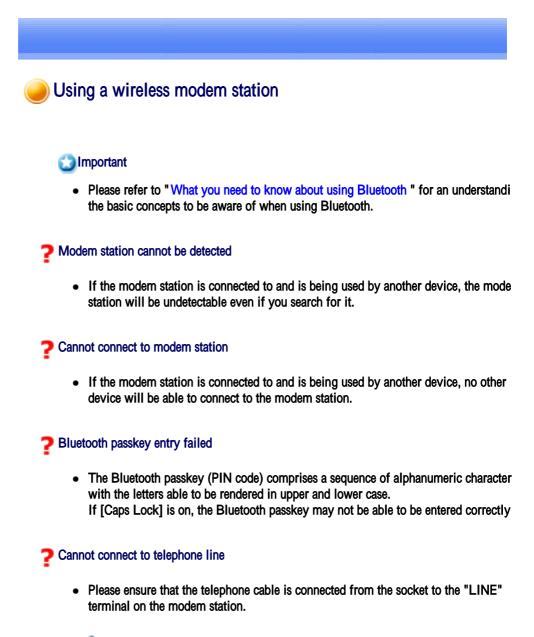
• See "Using a camera"

Bluetooth Local COM

Cannot add port

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 A maximum of 64 virtual COM ports can be added. You will be unable to add ano port if 64 ports have already been configured.



🏹 Note

- If the telephone cable has come loose because it has not been fully inserted in the socket, the resulting poor contact may prevent data from being transmitte accurately.
- Communication will be impossible if the interior of the cable has been broke Please replace the cable with another one.
- Please ensure that the two slide switches on the underside of the main unit have be to the "NORMAL" and "MODEM" positions respectively.

0

Cannot connect to the Internet

- The telephone number of the connection (i.e., the telephone number for the access of your Internet service provider) may not be correct. Please check the telephone number.
- The user ID and/or password for the provider with whom you have signed up may been entered incorrectly. Please check the user ID and password.
- The default connection may have been configured with different settings. Please se connection configured for mobile telephone use as the default connection.
- When you place a call using a company switchboard or other exchange, the system require you to enter a "0" before the telephone number itself. Please check the type telephone line you are using.

Cannot send or receive faxes

- Once you have registered a wireless modem station as your fax server, you will nee enter the fax settings from the [Printer and Faxes] window in the Control Panel.
 Please refer to "Using a modem station for fax transmissions " for information on t configuration procedure.
- The telephone number of the fax destination may have been entered incorrectly. Pl check the telephone number.
- If the setting under COM Auto Connect Settings has been set to "Off", a connectio not automatically be established with the modem. Please connect to the modem manually.
- When you place a call using a company switchboard or other exchange, the system require you to enter a "0" before the telephone number itself. Please check the type telephone line you are using.
- The fax service may not have been enabled for sending (or receiving). Please check the settings by following the procedure below.
 - 1. Open [Printers and Faxes] from the Control Panel, right -click on the [Fax] and then click on [Properties]

310	pen et as Default Printer
P	inting Preferences
P	ause Printing
s	naring
U	se Printer Offline
C	reate Shortcut
D	elete
R	ename
P	operties

The [Fax properties] window will appear.

2. Select the [Device] tab, right -click on the modem you wish to use, and the on [Properties]

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-

0

	Specify receive		settings, to	enable you	a compu	ter to ser	nd and
1 Augustaliana	ce Name	Lauran and a state		Send		eive	
	vare Moder coth Mode			No Yes	No Nc	Send Receiv	, e)
Bluet	oolh Mode	10				Prope	rties
TSID		F	sx		2222	10.00	
CSID							
Ring	s befote ar	iswer:			Prope	erties	

3. Select the [Send] tab, and then confirm that "Enable device to send" has be checked.

end Reci	sive Cleanup	
Sp	ecify settings for sen	ding faxes
<u>-</u>		
Enable d	evice to send	
ISID:	Fax	
		device when you send a fax. The TSID ar, and business name.
Include		2
<u>N</u> umber of	retries:	3
	retries:	3 💭 10 💭 minutes
<u>N</u> umber of	retries:	
<u>N</u> umber of <u>B</u> etry after	retries: : ate gtart:	10 minutes

4. Select the [Receive] tab, and then confirm that "Enable device to receive" h been checked (when you wish to receive faxes)

Recei	Rec	sceive	Cleanup			
nece	nec	scen/e	Cleanup			

CSID:	Fax	_
Answer mode:		
O Manual		
Automati	cafter 2 rings	
When a fax is	received:	
Print it or	x	2
Save a c	copy in folder:	10
100	ssfully received faxes are stored in the Inbox archive	15

5. Click on the [OK] button

Using an access point

Important

• Please refer to "What you need to know about using Bluetooth " for an understandi the basic concepts to be aware of when using Bluetooth.

Access point cannot be detected

• If the access point is connected to and is being used by another device, the access p will be undetectable even if you search for it.

Cannot connect to access point

 If the access point is connected to and is being used by another device, no other de will be able to connect to the access point.

Cannot connect to LAN

 The LAN cable may not be properly connected to the access point. Please check th connection status.

🏹 Note

- If the LAN cable has come loose because it has not been fully inserted into th socket, the resulting poor contact may prevent data from being transmitted accurately.
- Communication will be impossible if the interior of the LAN cable has been broken. Please replace the cable with another one

Please replace the cable with another one.

 The access point may not have been configured correctly, and may not be able to maintain the connection to the LAN.
 Please refer to the product instruction manual for information on how to configure access point.

Cannot connect to the Internet

• If you are using a LAN to connect to the Internet, the LAN environment of the com or location where you are trying to establish the connection may require you to con via a proxy server.

Please click here for information on configuring a proxy server.



🕥 Important

• Please refer to "What you need to know about using Bluetooth " for an understandi the basic concepts to be aware of when using Bluetooth.

Printer cannot be detected

• If the printer is connected to and is being used by another device, the printer will b undetectable even if you search for it.

Cannot connect to printer

• If the printer is connected to and is being used by another device, no other device w able to connect to the printer.

Cannot print/garbled print output

- The printer driver of the printer you are using may not have been installed correctly Please refer to your product instruction manual and re -install the driver.
- Please check to see if the printer has run out of paper, ink or other consumable item
- If you are using a printer while several Bluetooth devices are connected to the PC, devices may not functional normally. Please disconnect the other devices and try to again.

Using a Bluetooth Headset

🕥 Important

• Please refer to "What you need to know about using Bluetooth " for an understandi the basic concepts to be aware of when using Bluetooth.

Bluetooth Headset cannot be detected

• If the Bluetooth Headset is connected to and is being used by another device, the Bluetooth Headset will be undetectable even if you search for it.

Cannot connect to Bluetooth Headset

- If the Bluetooth Headset is connected to and is being used by another device, no ot device will be able to connect to the Bluetooth Headset.
- A Bluetooth connection will be impossible if the Bluetooth Headset is connected to power adaptor.

Please remove the power adaptor and re -connect.

Sound cuts out/cannot hear anything

- Using a Bluetooth headset with other Bluetooth devices may cause problems such a interruptions in sound, reduced transfer speed or failure during file transfer, and disconnection of the other Bluetooth devices. We strongly recommend using a Blue headset on its own, not in connection with other Bluetooth devices.
- Please confirm that the Bluetooth Headset is being operated correctly (for example ensure that the correct mode (audio or communications) mode has been selected).
- Please confirm that the voice file or CD is being played back normally on your PC
- Please check the volume settings on your Bluetooth Headset and PC.
- If Windows Media Player or another audio -related application is active when you connect your Bluetooth Headset, you may find it impossible to connect properly to Bluetooth Headset, or even to use it at all.
 Please start such applications after you have connected to the Bluetooth Headset.



Important

Please refer to "What you need to know about using Bluetooth " for an understandi

the basic concepts to be aware of when using Bluetooth.

Keyboard or mouse cannot be detected

• If the keyboard or mouse is connected to and is being used by another device, the keyboard or mouse will be undetectable even if you search for it.

Cannot connect to keyboard or mouse

If the keyboard or mouse is connected to and is being used by another device, no o
device will be able to connect to the keyboard or mouse.



Important

 Please refer to "What you need to know about using Bluetooth " for an understandi the basic concepts to be aware of when using Bluetooth.

Camera cannot be detected

 If the camera is connected to and is being used by another device, the camera will b undetectable even if you search for it.

Cannot connect to camera

 If the camera is connected to and is being used by another device, no other device w be able to connect to the camera.

Images from the camera can be displayed, but no pictures can be taken

• The memory card in the camera may be full. Please make a backup of all your necessary data on alternative media, then delete t images from the memory card, and ascertain how much free space remains.

Camera images do not appear in window

The camera may not have been set to remote camera mode (image browse mode, configuration mode, etc).

Certain cameras will end the Bluetooth connection automatically if you change the settings in a mode other than remote camera mode. Please re -connect to the camer when you next wish to use the device in remote camera mode.



Important

 Please refer to "What you need to know about using Bluetooth " for an understandi the basic concepts to be aware of when using Bluetooth.

Cannot make an ActiveSync connection

- Please confirm that you have installed ActiveSync v3.7 or higher on your PC.
- ActiveSync is installed to COM7 as a default. Please refer to "Synchronising information using ActiveSync" and re-configure your ActiveSync connection. If a port other than COM7 has been used, please amend the ActiveSync connection settings accordingly.

Cannot locate a saved file

• The type of file sent to your PDA, as well as the profile used to send the file, may where folders saved on your PDA are located.

Examples:

Images transferred to your PDA using "Image transfer" > saved in the "Image trans folder

Images transferred to your PDA using "File transfer" > saved in the "Shared folder

Using a mobile telephone

🚺 Important

 Please refer to "What you need to know about using Bluetooth " for an understandi the basic concepts to be aware of when using Bluetooth.

Mobile telephone cannot be detected

· If the mobile telephone is connected to and is being used by another device, the mc

... the mobile telephone is connected to and is being used by another device, the mo telephone will be undetectable even if you search for it.

Cannot connect to mobile telephone

 If the mobile telephone is connected to and is being used by another device, no oth device will be able to connect to the mobile telephone.

Cannot send images to mobile telephone

 Please use the appropriate transfer method, according to the profiles supported by y mobile telephone.

If OPP is supported: right-click on a file to send it

If BIP is supported: use "Image transfer" under Bluetooth Information Exchanger t send images

Cannot connect to the Internet

- The telephone number of the connection (i.e., the telephone number for the access
 of your Internet service provider) may not be correct. Please check the telephone
 number.
- The user ID and/or password for the provider with whom you have signed up may been entered incorrectly. Please check the user ID and password.
- The default connection may have been configured with different settings. Please se connection configured for mobile telephone use as the default connection.

Cannot send or receive faxes

- Once you have registered a mobile telephone as your fax server, you will need to e the fax settings from the [Printer and Faxes] window in the Control Panel. Please refer to "Using a modem station for fax transmissions " for information on t configuration procedure.
- The telephone number of the fax destination may have been entered incorrectly. Pl check the telephone number.
- If the setting under COM Auto Connect Settings has been set to "Off", a connection not automatically be established with the modern. Please connect to the mobile telephone manually.
- The fax service may not have been enabled for sending (or receiving). Please check the settings by following the procedure below.
 - 1. Open [Printers and Faxes] from the Control Panel, right -click on the [Fax] and then click on [Properties]

	Open
1	Set as Default Printer
	Printing Preferences
[Pause Printing
Ī	Sharing
	Lice Brinker Office

re	ate Shortcul
Dele	ste
Ren	ame
Prop	perties

The [Fax properties] window will appear.

2. Select the [Device] tab, right -click on the modem you wish to use, and the on [Properties]

General	Sharing	Devices	Tracking	Archives			
9	Specify receive		settings, to	enable yc	our compu	iter to sen	d and
Devi	ce Name			Send	Rec	eive	r:
	are Moder			No	No		
Bluet	ooth Mode	m		Yes	Nc	Send Receive	, ;
Bluet	oolh Mode	m				Proper	ties
TSID	4	F	3×				
CSID							
Ring	s before an	ewer			Prop	erties	

3. Select the [Send] tab, and then confirm that "Enable device to send" has be checked.

and Receive	Classical	
Heceivi	e Cleanup	
Spec	ify settings for se	ending faxes
<u> </u>		
Enable dev	ice to send	
TSID:	Fax	
	(1992) <u>1970</u>	N NAME 12 (12 (17 17 17
sender, and	is transmitted by	Identification (TSID) identifies you as a f a device when you send a fax. The TSI iber, and business name.
sender, and	is transmitted by ists of a fax num	a device when you send a fax. The TSI
sender, and usually consi	is transmitted by sts of a fax num anner	a device when you send a fax. The TSI
sender, and usually consi	is transmitted by sts of a fax num anner	a device when you send a fax. The TSI ber, and business name.
sender, and i usually consi Include b	is transmitted by sts of a fax num anner tries:	a device when you send a fax. The TSI ber, and business name.

OF	Cancel	Apply

4. Select the [Receive] tab, and then confirm that "Enable device to receive" h been checked when you wish to receive faxes)

ecify settings fo	r receiving fax	es	
evice to receive			
smitted by a dev	vice when you	receive an in	coming fax. The
Fa	N		
de:			
lal			
natic after	2	rings	
x is received:	10.020		
it on:			5
a copy in folde	HC		
	his option to s		
	evice to receive Subscriber Ide smitted by a der ily consists of a Fa ade: Jal matic after x is received: it on: a copy in folde coessfully received	evice to receive I Subscriber Identification (CSI smitted by a device when you if consists of a fax number, a Fax de: Jal matic after x is received: it on: a copy in folder: ccessfully received faxes are mode. Choose this option to s	evice to receive I Subscriber Identification (CSID) identifies ys mitted by a device when you receive an in ily consists of a fax number, and business n Fax de: Jal matic after 2 rings x is received: it on: a copy in folder: ccessfully received faxes are stored in the la mode. Choose this option to save an additio

5. Click on the [OK] button



This glossary provides definitions for Bluetooth -related terminology. You will be able to look up the meanings of any uncertain terms here.



A2DP Profile

Abbreviation of Advanced Audio Distribution. A Bluetooth profile allowing you to adjust the sound quality of wireless headsets and ot audio devices.

AVRCP Profile

Abbreviation of Audio/Video Remote Control Profile. A Bluetooth profile enabling rem

control functions to be sent and received. Remote control commands can be received by Bluetooth Utility.



Bluetooth Profile

A specification that guarantees the connection to the service function of a remote Blueto device.

For a Bluetooth device to send and receive information to and from another device, both devices must support shared profiles designated for each function, such as dial -up networking, faxing, printing and human interface devices.



DHCP

Abbreviation of Dynamic Host Configuration Protocol DHCP is a function that automatically sets up IP addresses. This function will allow you avoid having to set up IP addresses on each computer.

DUN Profile

A Bluetooth profile for Dial -up Networking. This profile enables you to establish a dial -up Bluetooth connection with a wireless mo station, mobile telephone, or similar device.



FAX Profile

A Bluetooth profile that enables you to establish a Bluetooth connection with a wireless modern station, mobile telephone, or similar device to send or receive a fax.

FTP

Abbreviation of File Transfer Profile.

A Bluetooth profile that enables you to browse folders on a wireless device and transfer to and from the local device.



Abbreviation of Generic Audio -Video Distribution Profile. This is a Bluetooth profile.

C

HCRP

Abbreviation of Hardcopy Cable Replacement Profile. A Bluetooth profile that establish connection to a device only when you print, unlike SPP (Serial Port Profile).

HID Profile

Abbreviation of Human Interface Device Profile. A Bluetooth profile that enables you to connect to a wireless mouse, keyboard or other i device.



LAP

Abbreviation of LAN Access Profile. A Bluetooth profile that enables you to establish a Bluetooth connection to a LAN access point to access a LAN via PPP.



OPP

Abbreviation of Object Push Profile. A Bluetooth profile that enables you to exchange business cards with a wireless device.



Passkey

Also known as a PIN code

This is a password consisting of up to 16 alphanumeric characters that enables a connec to be established to a wireless device. You need to know the passkey in order to connec device that requires authentication.

Even when the authentication setting has been disabled in the User Mode Properties of t Bluetooth Utility, the passkey entry dialog box will appear automatically if authenticatio required, enabling you to authenticate a device. A link key will be created once you hav authenticated a device, eliminating the need for a passkey to connect to that device in th future.

Pairing

A security function. In order for Bluetooth devices to authenticate each other, a passkey code) is entered in each terminal when they are connected for the first time, and a secret bit link key is generated. This action is known as "pairing."

9

SPP

Abbreviation of Serial Port Profile.

A Bluetooth profile that enables communication with a device through a virtual serial po configured for a Bluetooth connection. This can be used for printers and printer adapters PDAs, using a method different from HCRP or ActiveSync.



TCP/IP

Abbreviation of Transmission Control Protocol/Internet Protocol. Standard communications protocol (convention for enabling data communication) used Internet. Using the same protocol enables computers to exchange data with each other.



Common standard for electronic business cards.

Names, (e)mail addresses, telephone numbers and other information are exchanged in th form of electronic business cards (in *.vcf format), allowing all parties to easily register other's data in their address books.

The standard is extensively compatible with Microsoft Outlook, Lotus Organizer and oth mail/schedule management software.



The Quick Start Guide is intended to those who wish to get started right away using Bluetooth, and describes basic concepts to be aware of as well as ways to connect to Bluetooth devices.

The Quick Start Guide comprises the following items.

What you need to know about using Bluetooth

Describes the basic concepts you need to be aware of when using Bluetooth devices. It is recommended that you read this section before starting the set-up process.

Trying out your Bluetooth device

Describes the procedures used for actually configuring and then using your Bluetooth device. Please read this according to your desired purpose and device.

Troubleshooting

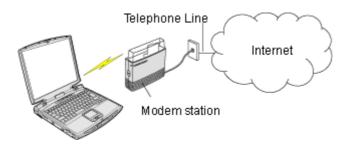
Describes possible causes and countermeasures to be considered when your Bluetooth device cannot be configured properly, functions abnormally or presents other problems related to its operation.

Glossary

Explains the technical jargon used in this guide.

Connecting to the Internet using a modem station [DUN]

You can use a Bluetooth wireless modem to connect to the Internet via a telephone line.



Setting up the modem station Connecting to the Internet

🕥 Important

 In order to connect to the Internet, you must have already signed up with a provider and obtained a connection ID and password. Please ensure you have confirmed the ID, password and telephone number of your provider's access point before you begin the set-up process and telephone number of your providers access point before you begin the set up process.

- Please refer to your instruction manual for information on connecting the modem station to a telephone line.
- A Bluetooth passkey (PIN code) is required for you to connect to the modem station. Please
 make a note of your Bluetooth passkey before you start the set-up process.



Procedure

- 1. Turn on the wireless modem station
- 2. Right-click the Bluetooth icon in the task tray, and then click on [Add New Connection]



💫 Note

• Alternatively, click [Start] [All Programs] [Bluetooth] [Bluetooth Settings], and then click on [New Connection] from the active [Bluetooth Settings] window.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

3. Confirm that [Express Mode] has been selected, and then click on the [Next] button

Add New Connectio	on Wizard 🛛 🛛 🕹
This wizard will c	reate the settings for Bluetooth device connection.
	Please ensure your Bluetooth devices are on and set to discoverable.
6	Express Mode (Recommended)
12	Custom Mode This allows you to set the details for the connection.
S	
	<back next=""> Cancel</back>

The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.

Add New Connection W	ʻizard 🛛 🛛
Searching for Bluetoo	th devices.
	Searching for Bluetooth devices.

4. Select the device name of the wireless modem station from [Device List], and then click on the [Next] button

Add New Connection Select a device	Wizard
	Please choose the Bluetooth device you wish to use. Bluetooth device Device Name BT Modem PC-1 PocketPC Bluetooth Printer
S	Befresh
	<u> ≪B</u> ack <u>N</u> ext > Cancel

The [Add New Connection Wizard (Searching for Services)] window will appear.

Please wait while the	wizard connects to a remote device.	
	The local device is connecting to the remote device service. Please wait.	



Once a service has been detected successfully, connection to the device and COM port creation will be performed automatically, after which the [Add New Connection Wizard (Modem Settings)] window will appear.

5. If you are connecting to a wireless modem station for the first time, enter the passkey for the modem station under [Bluetooth Passkey (PIN code)], and then click on the [OK] button

	Bluetooth Passkey (PIN):	
4	(If left blank, the default F	PIN will be used.)
	Request Device	
	Bluetooth Device Address:	00:00:00:00:00:00
	Bluetooth Device Name:	TOSHIBA BT Modem

Once the program has finished searching for the devices, the [Add New Connection Wizard (Device Selection)] window will appear.

6. Click on the [Next] button

dd New Connection \	Vizard 🛛 👔
Advanced Modem Se	sttings
	Please click the "Advanced Modem Settings" button for further configuration options (e.g. for HSCSD or GPRS) or click "Next" to continue.
	Advanced Modern Settings
	<back next=""> Cancel</back>

Certain modems require you to configure initialization commands separately. Please click on the [Additional initialization Command Settings] button, enter the initialization commands in the following window, and then click on the [OK] button.

Advanced Medem Settings

	Commands for the installed modem. This ne connections, e.g. GPRS and HSCSD.
	age of your provider and your mobile phone settings. These settings will vary between ndors and providers.
Examples: GPRS: +CGDCONT=1,"I HSCSD: +CBST=81,0,1;+	
Extra initialization comma	nds:

🐑 Note

- Please refer to the modem or mobile phone instruction manual for further details on the initialization commands.
- 7. Enter the connection name (optional), telephone number (of your provider's access point), user name and password (as issued by your provider), and then click on the [Finish] button.

Add New Connection N Create dial-up conne		
1	Please give the dial-up con number, and if required, a u	nection a name, telephone ser name and password.
K	Dial-up connection name:	London A
	Telephone number:	0207 987 6543
Hoge	User name:	rgoody99
	Password:	••••••
	Confirm password:	
	🖌 Set as Default Dial-up	
	< Back	Finish Cancel

🕥 Important

 The sample entries shown in the window are provided solely for purpose of explanation. Please use your own telephone number, ID and password according to the arrangement with your provider.

The settings will be registered, and an icon will appear in the [Bluetooth Settings] window.



Connecting to the Internet

You can connect to the Internet by following the procedure below if the connection destination registered when you configured the wireless modem has been set as the default connection destination.

1. Start your browser, e-mail application or other application

🔘 Important

- Please enter the e-mail settings separately if you are going to use e-mail (the setup method will vary with the application).
- 2. Enter the URL of the Web page you wish to display and then press the [Enter] key, or use the e-mail tool to send/receive items or perform other activities.

The [Dial-up Connection] window will appear.

3. Click on the [Connect] button

Connect to:	London A
User name:	rgoody99
Password:	
	Save password
Connect	Settings Work Offline

👩 Important

 A connection will be automatically established with the modem station if COM Auto Connect is available. If COM Auto Connect is not available, please manually connect to the modem station.

The following message will appear once you have connected to the Internet.



4. End the connection

The window below will appear if you double-click on the sicon in the task bar.

🕞 London A Status	? 🔀