

Red-M Blade
Bluetooth module for Visor
user guide

Before starting, read the License and Warranty agreement included in the packaging as this becomes legally binding on you as soon as you install or use this product.

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Introduction

About the Red-M Blade

The Red-M Blade is a simple and innovative accessory that adds a new level of flexibility to your Visor™ handheld. Whether you are in the office or on the road you can enjoy hassle-free, wireless connection to personal, corporate and public data.

With a Red-M Blade and a Bluetooth™ enabled mobile phone, you can access the Internet, and send and receive email. The connection is cable-free and there is no longer any need to carefully line up your Visor handheld with your mobile phone or PC to achieve a line-of-sight, infrared connection.

You can perform a wireless HotSync® operation to your laptop via your Red-M Blade instead of the usual Visor cradle. When away from the office, you can perform a remote HotSync operation via your mobile phone. The Red-M Blade also enables you to interact with other Bluetooth-enabled Visor handhelds.

If your office has Bluetooth infrastructure installed, you can use your Visor handheld with the Red-M Blade attached in meeting rooms and other Bluetooth enabled areas to maintain connection to the corporate intranet or Internet, to send and receive emails, and to update your calendar.

The Red-M Blade operates with all models of Visor handhelds running Palm OS® 3.5, including:

- Visor Prism
- Visor Platinum
- Visor Edge
- Visor Pro
- Visor Neo

Note: To use the Red-M Blade, there must be approximately 300k of free memory available on your Visor handheld. To find out how much free memory there is on your Visor handheld, in the main applications window, from the top-left pick list, choose *Info*.

Getting started

To use your Red-M Blade, do the following:

1. Install the Red-M Blade

For instructions on how to install the Red-M Blade, see *Installing the Red-M Blade on page 14*.

2. Configure your Visor for Bluetooth services

Configure the software to connect with any or all of the following Bluetooth-enabled devices:

- a mobile phone for access to the Internet or to perform remote HotSync operations with your computer via your corporate network (where you have a remote access dial-up facility). For instructions, see *Configuring a connection to the Internet via a mobile phone on page 16* and *Configuring a remote HotSync operation via a mobile phone on page 39*.
- a laptop computer or PC to perform HotSync operations. For instructions, see *Configuring a HotSync operation with a computer on page 33*.
- an Access Point on your local area network (LAN) for connection to LAN intranet and Internet services and to perform HotSync operations with a designated computer. For instructions, see *Configuring a Bluetooth-enabled LAN connection on page 29* and *Configuring a HotSync operation via a Bluetooth-enabled LAN on page 36*.
- another Bluetooth enabled Visor handheld for playing games. There are games and associated documentation included on the Red-M CD.

Red-M Blade overview

This section lists the Bluetooth services provided by the Red-M Blade. It describes the additional options and menu items that you will find on your Visor handheld following installation of the Red-M Blade software. It also explains how to use device categories and the information used when you connect to the Internet.

Bluetooth services

To enable the Red-M Blade to connect to a number of different types of devices, Red-M software supports three Bluetooth services:

- LAN Access

Use this service to connect to Bluetooth network infrastructure, for example the Red-M 3000AS, the Red-M 1000AP, or the Red-M 1050AP.

- Dial-up Networking

Use this service to connect to a Bluetooth-enabled mobile phone.

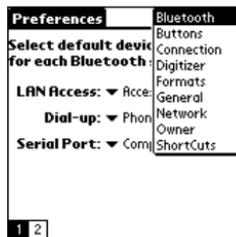
- Serial

Use this service to perform a HotSync operation with a Bluetooth-enabled computer or to connect to another Visor handheld to play games.

Additions to Visor menus

When you have completed the software installation, you will find some additional items on your Visor handheld *System, Prefs* menus.

- the option *Bluetooth* has been added to the pick list in the upper-right corner of the *System, Prefs* screen. From *Bluetooth preferences screen 1* you can set the default device categories for each Bluetooth service which enables you to automate your Bluetooth connections (see *Managing Bluetooth devices* below). To discover Bluetooth devices in range, tap 2 (1 2) to go to *screen 2*, ensure that the pick list selection is set to *All* or *Unfiled*, and tap *Discover*.
- four Bluetooth connection configurations (Bt LAN Access, Bt Dial-up, Bt Serial and Bt Serial Host) have been added to the *Available Configurations* list on the *System, Prefs, Connection* screen. Choose *Connection* from the pick list described above to access this screen.



- a new network service called *Bt LAN Access* on the *System, Prefs, Network* screen (choose *Network* from the pick list). This is the service that is used to connect to a Bluetooth-enabled local area network (LAN).



Managing Bluetooth devices

Before your Red-M Blade can connect to any other Bluetooth device it must first discover other Bluetooth devices within range.

You can discover all Bluetooth-enabled devices within range of your Red-M Blade by performing a 'device discovery'. Once discovered, you can move devices into categories such as *Phones*, *Computers* and *Access Points*, for easy management and automated connection to each Bluetooth service.

Note: Some devices, such as some mobile phones, require you to put them into "discoverable mode" before they can be discovered using a Bluetooth device discovery. See the documentation that accompanied your device for more information.

Using categories

Each Bluetooth service (Dial-up, LAN access and Serial) has a default device category assigned to it. Whenever a Bluetooth connection is requested, your Visor handheld will automatically connect to a device in the Bluetooth service's default category. For example, if you place your mobile phone into the *Phones* category, you can specify that each time you make a Bluetooth Dial-up networking connection, your Visor handheld should connect to a device in the *Phones* category. Similarly, if you put a Red-M Access Server or Red-M Access Point into the *Access Points* category, you can specify that each time your Visor handheld makes a LAN Access connection, it should connect to a device from the *Access Points* category.

If a category contains multiple devices, the Red-M Blade will connect to the first available device. This is useful if, for example, there are several LAN Access Points in your office to which you can connect.

File devices into categories using *Bluetooth preferences screen 2*.

When you have installed the Red-M Blade software, the *Phones*, *Access Points* and *Computers* categories will already be available for you to use. You can add, delete and merge categories as required using the *Edit categories* option from the pick list on this screen.



Set the default device category for each Bluetooth service by using *Bluetooth preferences screen 1*. You can also set the default device category to *Prompt*. If you do this, when the Visor handheld needs to make a Bluetooth connection, you will be asked which category and/or device to which you want to connect.



Visor network service settings

When an application (for example, a WAP browser) on the Visor handheld wants to use the network, the network service that will be used to make the connection will be the service that is displayed on the *System, Prefs, Network* screen.

Each network service has a *Connection* setting, which determines the physical network connection used. Connections are managed through the *System, Prefs, Connection* screen.

Red-M Blade software adds a network service setting called *Bt LAN Access*, with *Connection* set to *Bt LAN Access*. This is the network service that is used when you connect to Bluetooth LAN Access Points.

If you are connecting to an intranet or the Internet via a Bluetooth-enabled mobile phone, you must add a new network service and set *Connection* to *Bt Dial-up*. For more information, see *Configuring a connection to the Internet via a mobile phone on page 16*.

When a network service using *Bt LAN Access* or *Bt Dial-up* connection is used, the device used to make the connection will be one that is stored in the default device category for LAN Access or Dial-up respectively.

Your *System, Prefs* settings determine which Bluetooth-enabled device and which network service will be used to make the connection. The diagram below illustrates how the information on the *Bluetooth* and *Network* screens from *System, Prefs* settings is used when internet connection is made.

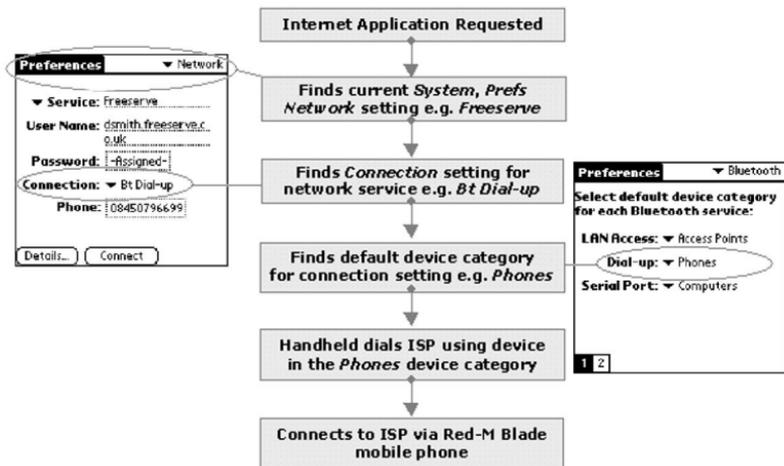


Figure 1: Use of Network and Bluetooth preferences when making an Internet connection

Installing the Red-M Blade

Before inserting the Red-M Blade, note down its Bluetooth address, which is printed on its back. Depending on your Bluetooth security settings, this may be required to identify the Red-M Blade when connecting to Bluetooth services.

To insert the Red-M Blade:

1. Remove the slot protector from your Visor handheld.
2. Insert your Red-M Blade into the Springboard™ expansion slot as shown in the figure below.

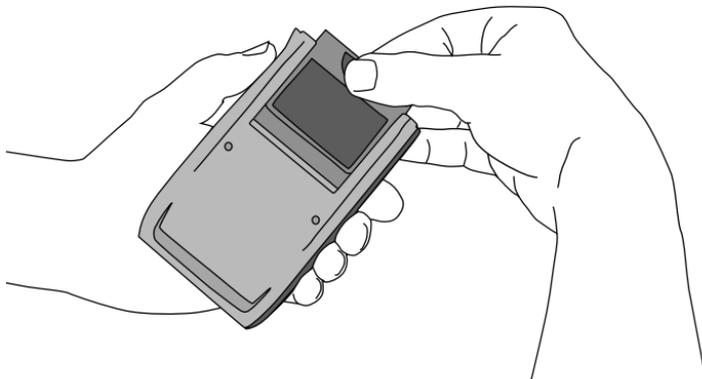


Figure 2: Inserting the Red-M Blade into the Visor handheld

3. You will be asked to reset your Visor handheld. Do so.

Note: With the Red-M Blade inserted, you can perform either a Bluetooth HotSync operation or the usual USB/serial HotSync operation using the cradle.

Removing the Red-M Blade

To remove the Red-M Blade, slide it out from the Springboard expansion slot.

Additional software on the Red-M Blade CD

All the software that you need to make Bluetooth connections is present on the Red-M Blade.

Some additional Visor applications have been included on the Red-M Blade CD which you may wish to install on your Visor handheld to enhance your Bluetooth functionality and ease of connection. Adobe Acrobat Reader is also included, which is a PC application required to read the documentation that is on the CD.

To install any or all of these applications, select 'Other Software' on the Red-M Blade install menu, select your application and then follow the on-screen instructions. Documentation for these applications is included on the CD.

Configuring a connection to the Internet via a mobile phone

Before you begin

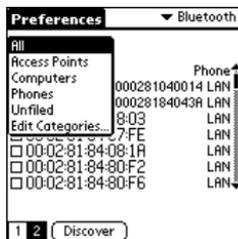
Before you begin, you will need:

- a Visor handheld with a Red-M Blade installed (see page 14).
- a Bluetooth-enabled mobile phone:
 - if you have a Nokia 6210, see *To configure your Visor to connect to a Nokia 6210 with Bluetooth battery on page 17.*
 - if you have an Ericsson T39m or R520m, see *To configure your Visor to connect to an Ericsson T39m or R520m on page 21.*
 - if you have any other Bluetooth-enabled mobile phone, see *To configure your Visor to connect to a mobile phone on page 25.*
- the Bluetooth address and passkey of your mobile phone. This information may be printed on the mobile phone's battery label, but the location varies with manufacturer. On some mobile phones you choose your own passkey. For more information, refer to the documentation that accompanied your mobile phone.
- an ISP account user name, password and phone number.

To configure your Visor to connect to a Nokia 6210 with Bluetooth battery

Configuring your Visor handheld

1. On your Visor handheld, perform a device discovery:
 - i. Go to *System, Prefs* and select *Bluetooth* from the pick list.
 - ii. Tap 2 (1 2) to go to Screen 2 (shown); ensure that the pick list selection is set to *All* or *Unfiled*, and then tap *Discover*.
 - iii. The Red-M Blade will then find all Bluetooth-enabled devices in range.
 - iv. Tap *Stop* to halt the discovery process.
2. Look for the Bluetooth address or name of your mobile phone in the list of discovered devices. Tap on this address or name to go to the *Device Information* dialog (shown).
3. In the *Device Information* dialog, tap *-Not set-* and enter the passkey of your mobile phone. Tap *OK* to close the *Bluetooth Passkey* dialog.



4. Tap *Update*. The Red-M Blade will retrieve the device name and service profiles available; a tick should now be displayed beside *Dial-up Networking*.
5. Tap *OK* to exit the *Device Information* dialog and return to the list of discovered devices.
6. Move your mobile phone into the *Phones* category:
 - i. Tap the checkbox to the left of the name of your mobile phone.
 - ii. Tap *Move*; in the *Move Selected Devices* dialog, select *Phones* from the drop-down menu. Tap *OK* to accept the change and close the dialog.
7. Tap *1* to go to Screen *1*; ensure that the *Dial-up* category is set to *Phones*.



8. Set up your ISP details:
 - i. From the pick list in the top right-hand corner, select *Network*, then tap the *Menu* icon  and tap *New*.
 - ii. Give the *Service* a name - 'Freeserve' for example - and under *User Name* input the name required by your ISP.
 - iii. Tap *-Prompt-* to enter the ISP password; if you leave the password setting as *-Prompt-* you will be asked to input the password each time you connect.
 - iv. Set *Connection* as *Bt Dial-up* using the drop-down list.
 - v. Enter the ISP phone number in *Phone*.



The screenshot shows a 'Preferences' dialog box with a 'Network' dropdown menu. The 'Service' is set to 'Freeserve'. The 'User Name' is 'dsmith.freeserve.co.uk'. The 'Password' is '-Assigned-'. The 'Connection' is set to 'Bt Dial-up'. The 'Phone' number is '08450796699'. There are 'Details...' and 'Connect' buttons at the bottom.

Preferences	▼ Network
▼ Service:	Freeserve
User Name:	dsmith.freeserve.co.uk
Password:	-Assigned-
Connection:	▼ Bt Dial-up
Phone:	08450796699
Details... Connect	

Testing the connection

To test the connection, tap *Connect* in the *Network, Prefs* screen.

Using the Internet

Now that the ISP and phone set up is complete, when you use an application that requires an Internet connection, the Red-M Blade will automatically contact the mobile phone which will dial your ISP and give you an Internet connection.

Note: If you subsequently change the network service selected on the *System, Prefs, Network* screen (for example, if you change to Bluetooth *Bt LAN Access* service that uses a LAN Access Point on a corporate Bluetooth network), when you want to connect to your mobile phone, you must reset the current network service to the Bluetooth dial-up service that you added in the above procedure.

To end the Bluetooth session

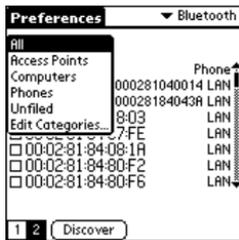
To end the Bluetooth session and thereby terminate the mobile phone call, do one of the following:

- switch off the Visor.
- use the *Disconnect* option (if one exists) in whichever application you are using.
- go to *System, Prefs, Network* and tap the *Disconnect* button.

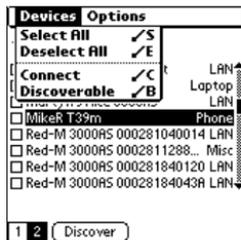
To configure your Visor to connect to an Ericsson T39m or R520m

Connecting your Visor handheld to your mobile phone

1. On your mobile phone, select *Menu*, *Extras*, *Bluetooth* and *Discoverable*.
2. On your Visor handheld, perform a device discovery:
 - i. Go to *System*, *Prefs* and select *Bluetooth* from the pick list.
 - ii. Tap 2 (1 2) to go to Screen 2 (shown); ensure that the pick list selection is set to *All* or *Unfiled*, and then tap *Discover*.
 - iii. The Red-M Blade will then find all Bluetooth-enabled devices in range.
 - iv. Tap *Stop* to halt the discovery process.
3. Look for the Bluetooth address or name of your mobile phone in the list of discovered devices. Tap on this address or name to go to the *Device Information* dialog (shown).



4. In the *Device Information* dialog, tap *-Not set-* and enter a passkey for your mobile phone (a four figure number, for example). Tap *OK* to close the *Bluetooth Passkey* dialog.
5. On your mobile phone, select *Menu, Extras, Bluetooth*. Select *Paired devices, Add device, and Phone accepts*.
6. On the Visor handheld, ensure your mobile phone is highlighted in the list of discovered devices. From the Preferences pick list, tap *Connect*. Your mobile phone will display the prompt: *Add to paired devices?*



7. On your mobile phone select *Yes*. Your mobile phone will now prompt you for the passkey that you entered on the Visor handheld earlier in this procedure.
8. On your mobile phone, enter the passkey and select *Yes*. If pairing is successful, you can now edit the name of your Visor handheld on your mobile phone. Your mobile phone adds your paired devices to the Paired List.

9. On your Visor handheld, move your mobile phone into the *Phones* category:
 - i. Tap the checkbox to the left of the name of your mobile phone.
 - ii. Tap *Move*; in the *Move Selected Devices* dialog, select *Phones* from the drop-down menu. Tap *OK* to accept the change and close the dialog.



10. Tap *1* to go to Screen *1*; ensure that the *Dial-up* category is set to *Phones*.
11. Set up your ISP details:

- i. From the pick list in the top right-hand corner, select *Network*, then tap the *Menu* icon  and tap *New*.
- ii. Give the *Service* a name - 'Freemove' for example - and under *User Name* input the name required by your ISP.
- iii. Tap *-Prompt-* to enter the ISP password; if you leave the password setting as *-Prompt-* you will be asked to input the password each time you connect.
- iv. Set *Connection* as *Bt Dial-up* using the drop-down list.
- v. Enter the ISP phone number in *Phone*.



Testing the connection

To test the connection, tap *Connect* in the *Network, Prefs* screen

Using the Internet

Now that the ISP and phone set up is complete, when you use an application that requires an Internet connection, the Red-M Blade will automatically contact the mobile phone which will dial your ISP and give you an Internet connection.

Note: If you subsequently change the network service selected on the *System, Prefs, Network* screen (for example, if you change to Bluetooth *Bt LAN Access* service that uses a LAN Access Point on a corporate Bluetooth network), when you want to connect to your mobile phone, you must reset the current network service to the Bluetooth Dial-up service that you added in the above procedure.

To end the Bluetooth session

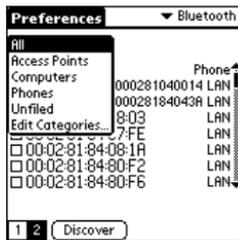
To end the Bluetooth session and thereby terminate the mobile phone call, do one of the following:

- switch off the Visor.
- use the *Disconnect* option (if one exists) in whichever application you are using.
- go to *System, Prefs, Network* and tap the *Disconnect* button.

To configure your Visor to connect to a mobile phone

Note: Depending on the manufacturer, you may need to configure your mobile phone to be Bluetooth-enabled. For more information, refer to the documentation that accompanied your mobile phone.

1. On your Visor handheld, perform a device discovery:
 - i. Go to *System, Prefs* and select *Bluetooth* from the pick list.
 - ii. Tap 2 (1 2) to go to Screen 2 (shown); ensure that the pick list selection is set to *All* or *Unfiled*, and then tap *Discover*.
 - iii. The Red-M Blade will then find all Bluetooth-enabled devices in range.
 - iv. Tap *Stop* to halt the discovery process.
2. Look for the Bluetooth address or name of your mobile phone in the list of discovered devices. Tap on this address or name to go to the *Device Information* dialog (shown).



3. In the *Device Information* dialog, tap *-Not set-* and enter the passkey of your mobile phone. Tap *OK* to close the *Bluetooth Passkey* dialog.
4. Tap *Update*. The Red-M Blade will retrieve the device name and service profiles available; a tick should now be displayed beside *Dial-up Networking*.
5. Tap *OK* to exit the *Device Information* dialog and return to the list of discovered devices.
6. Move your mobile phone into the *Phones* category:
 - i. Tap the checkbox to the left of the name of your mobile phone.
 - ii. Tap *Move*; in the *Move Selected Devices* dialog, select *Phones* from the drop-down menu. Tap *OK* to accept the change and close the dialog.
7. Tap *1* to go to *Screen 1*; ensure that the *Dial-up* category is set to *Phones*.



8. Set up your ISP details:
 - i. Select *Network*, then tap the *Menu* icon  and tap *New*.
 - ii. Give the *Service* a name - 'Freeserve' for example - and under *User Name* input the name required by your ISP.
 - iii. Tap *-Prompt-* to enter the ISP password; if you leave the password setting as *-Prompt-* you will be asked to input the password each time you connect.
 - iv. Set *Connection* as *Bt Dial-up* using the drop-down list.
 - v. Enter the ISP phone number in *Phone*.



Testing the connection

To test the connection, tap *Connect* in the *Network, Prefs* screen.

Using the Internet

Now that the ISP and phone set up is complete, when you use an application that requires an Internet connection, the Red-M Blade will automatically contact the mobile phone which will dial your ISP and give you an Internet connection.

Note: If you subsequently change the network service selected on the *System, Prefs, Network* screen (for example, if you change to Bluetooth *Bt LAN Access* service that uses a LAN Access Point on a

corporate Bluetooth network), when you want to connect to your mobile phone, you must reset the current network service to the Bluetooth Dial-up service that you added in the above procedure.

To end the Bluetooth session

To end the Bluetooth session and thereby terminate the mobile phone call, do one of the following:

- switch off the Visor.
- use the *Disconnect* option (if one exists) in whichever application you are using.
- go to *System, Prefs, Network* and tap the *Disconnect* button.

Configuring a Bluetooth-enabled LAN connection

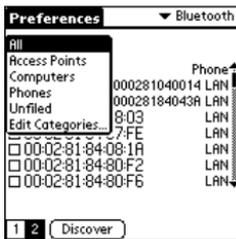
Before you begin

Before you begin, you will need:

- a Visor handheld with a Red-M Blade installed (see page 14).
- configured Bluetooth infrastructure (for example, a Red-M 3000AS access server running software version 1.3 or later).
- the name or Bluetooth address of the Access Point or Access Server to which you want to connect and the Bluetooth passkey if one is used. For this information, ask your system administrator.

To configure your Visor to connect to LAN access infrastructure

1. On your Visor handheld, perform a device discovery:
 - i. Go to *System, Prefs* and select *Bluetooth* from the pick list.
 - ii. Tap 2 (1 2) to go to Screen 2 (shown), ensure that the pick list selection is set to *All* or *Unfiled*, and then tap *Discover*.
 - iii. The Red-M Blade will then find all Bluetooth-enabled devices in range.
 - iv. Tap *Stop* to halt the discovery process.
2. In the list of discovered devices, look for the name or Bluetooth address of each of the Access Points to which you want to connect. Access Points and Access Servers will be categorized as LANs in this list. (Access Servers are treated as Access Points in this procedure.)



3. If your system administrator has given you a Bluetooth passkey:

- i. Tap the Access Point's name to go to the *Device Information* screen (shown)
- ii. Tap *-Not set-* and enter the passkey. Tap *OK* to exit the *Bluetooth Passkey* dialog.



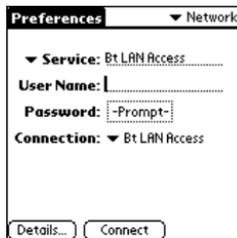
4. Move your Access Point into the *Access Points* category:

- i. Tap the checkbox to the left of the name of your Access Point.
- ii. Tap *Move*; in the *Move Selected Devices* dialog, select *Access Points* from the drop-down menu.
- iii. Tap *OK* to accept the change and close the dialog.



5. Tap *1*. Ensure the *LAN Access* default category is set to *Access Points*.

6. Set the *Service* type to *Bt LAN Access*:
 - i. Select *Network* from the top right-hand menu.
 - ii. Set the *Service* type to *Bt LAN Access* using the drop-down list that appears on this screen.
 - iii. The *Connection* selection should also be *Bt LAN Access*.



Now that the Access Point set up is complete, when you use an application that needs a network connection, the Red-M Blade will automatically make a Bluetooth connection to an available Access Point in the *Access Points* category and give you access to the network.

Tip: If you have a preferred Access Point in a list of Access Points, that you want to connect to first, tap on the name to highlight it and leave it highlighted when switching between applications. The highlighted Access point will always be tried first before any others.

Note: If you subsequently change the network service selected when you go to *System, Prefs, Network* (for example, if you change to a Bluetooth dial-up service that uses a mobile phone), when you want to connect to an Access Point, you must reset the current network service to *Bt LAN Access*.

Configuring Bluetooth HotSync operations

You can perform a Bluetooth HotSync operation with your computer using your Red-M Blade in three different ways:

- from your Red-M Blade directly to a Bluetooth-enabled laptop or PC.
- from your Red-M Blade via an Access Point on a Bluetooth-enabled LAN to a designated computer.
- from your Red-M Blade via a mobile phone connection to a remote access server on your LAN.

Configuring a HotSync operation with a computer

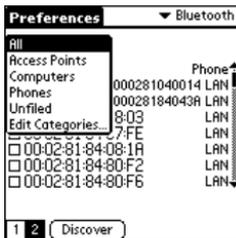
Before you begin

Before you begin, you will need:

- a Visor handheld with a Red-M Blade installed (see page 8).
- a computer with Visor Desktop software and a Bluetooth PCMCIA card or Bluetooth USB device installed.
- the Bluetooth address of the Bluetooth PCMCIA card or Bluetooth USB device. You can find this address by using the Bluetooth client software on your computer.

To configure a HotSync operation with a computer

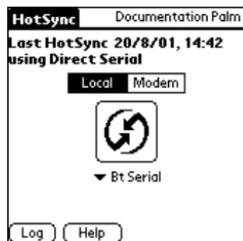
1. On your Visor handheld, perform a device discovery:
 - i. Go to *System, Prefs* and select *Bluetooth* from the pick list.
 - ii. Tap 2 (1 2) to go to Screen 2 (shown), ensure that the pick list selection is set to *All* or *Unfiled*, and then tap *Discover*.
 - iii. The Red-M Blade will then find all Bluetooth-enabled devices in range.
 - iv. Tap *Stop* to halt the discovery process.
2. Look for the Bluetooth address or name of your computer on the discovered devices list.
3. If you are using Bluetooth authentication:
 - i. Tap the computer's address or name to go to the *Device Information* dialog.
 - ii. Enter the passkey here by tapping *-Not set-*.
 - iii. Tap *Update*; tap *OK* to exit the *Device Information* dialog.



4. Move your computer into the *Computers* category:
 - i. Tap the checkbox to the left of the name of your computer.
 - ii. Tap *Move*; in the *Move Selected Devices* dialog, select *Computers* from the drop-down menu.
 - iii. Tap *OK* to accept the change and close the dialog.



5. Tap *1*. Ensure that the *Serial Port* default category is set to *Computers*.
6. Tap the *Applications*  icon then the *HotSync* icon .
7. Your HotSync settings should specify a local HotSync operation:
 - i. Tap *Local* to select the *Local* tab.
 - ii. Tap the *Menu* icon  and select *LANSync Prefs*.
 - iii. Tap *Local HotSync* and *OK*.



8. On the *HotSync* screen, select *Bt Serial* from the pick list beneath the *HotSync* button.
9. Tap the *HotSync* button. The *HotSync* operation will begin.



Now that you have configured your Visor handheld to perform a Hotsync operation with a Bluetooth-enabled computer, the next time you want to perform a HotSync operation you only have to tap the HotSync button.

Note: If you are using a PC with a Bluetooth USB device, ensure that the HotSync Manager on your PC is configured to use same serial port as your Bluetooth USB device. To check this, right-click the HotSync Manager on your PC, select *Setup* and then the *Local* tab.

Configuring a HotSync operation via a Bluetooth-enabled LAN

You can perform a HotSync operation from your Visor handheld (with Red-M Blade attached) via an Access Point on a Bluetooth-enabled local area network (LAN). The PC that your Visor will perform the operation with is specified as part of the configuration process.

Before you begin

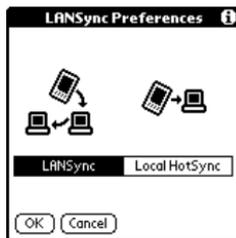
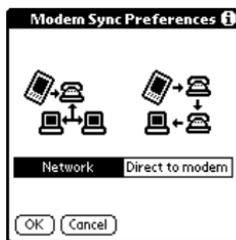
Before you begin, you will need:

- a Visor handheld with a Red-M Blade installed (see page 14).
- a computer with Visor Desktop software installed and the name and IP address of this computer, which should be configured to allow network HotSync operations.
- configured Bluetooth infrastructure (for example, a Red-M 3000AS access server running software version 1.3 or later with Access Points connected).

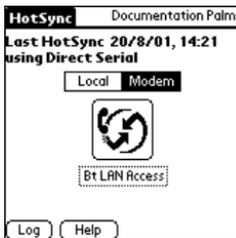
- to have completed the procedure to connect to LAN Access infrastructure on page 29.

To configure a HotSync operation via a Bluetooth-enabled LAN

- Go to *System, HotSync*. Tap *Modem* on the *HotSync* screen to select the *Modem* tab.
- Tap the *Menu* icon , select *Modem Sync Prefs*, then choose *Network* and tap *OK*.
- Tap the *Menu* icon , select *LANSync Prefs* then choose *LANSync* and tap *OK*.
- Tap the *Menu* icon , select *Connection Setup*, ensure *Bt LAN Access* is selected in the list and tap *Done*.



5. Select *Bt LAN Access* as the service, using the pick list beneath the *HotSync* icon. The *HotSync* screen should now look like the one shown.



6. Tap the *Menu* icon , select *Primary PC Setup* and enter your HotSync PC's name in the *Primary PC Name* field.
- to view this information, right-click the HotSync Manager on your PC, select *Setup* and the *Network* tab and then click *TCP/IP Settings*.



7. Enter your HotSync PC's IP address in the *Primary PC Address* field.
- to view this information, right-click the HotSync Manager on your PC, select *Setup* and the *Network* tab and then click *TCP/IP Settings*.
8. Tap the *HotSync* button. The *HotSync* operation will begin.



Now that you have configured your Visor handheld to perform a HotSync operation via a Bluetooth-enabled LAN, the next time you want to perform a HotSync operation you only have to tap the HotSync button.

Note: If your computer has more than one IP address, you will need to ensure that the HotSync Manager is using the correct address. To check this, right-click the HotSync Manager on your PC, select *Setup* and the *Network* tab and then click *TCP/IP Settings*; the IP address displayed here should be the same as the IP address you have entered into the *Primary PC Setup* on your Visor handheld.

Configuring a remote HotSync operation via a mobile phone

You can perform a HotSync operation from your Visor handheld (with Red-M Blade attached) to a computer connected to your company network, via a Bluetooth connection to your mobile phone. This option will only be available if your company network supports dial-up remote access.

Before you begin

Before you begin, you will need:

- a Visor handheld with a Red-M Blade installed (see page 14).
- a computer with Visor Desktop software installed.
- a dial-up account on your company network.
- a Bluetooth-enabled mobile phone.

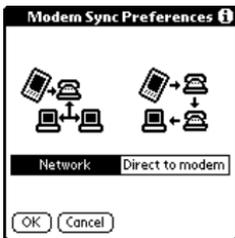
- the Bluetooth address and passkey of your mobile phone. Sometimes these are printed on the battery label. You will need these before you can make a Bluetooth connection.

To configure a HotSync operation with a mobile phone

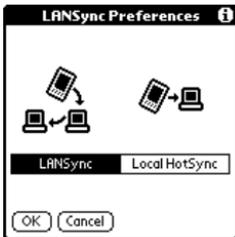
1. Follow the instructions to connect to your mobile phone on page 16 up to and including step 7.
2. Set up your company dial-up details:
 - i. Go to *System, Prefs* and from the pick list on the upper-right corner of the screen, select *Network*
 - ii. Tap the *Menu* icon  and tap *New*.
 - iii. Give the *Service* a name; this name will be used to select this service from the *Network, Services* pick list.
 - iv. Select *Bt Dial-up* as the connection type using the *Connection* drop-down menu.
 - v. Enter the telephone number of your company's dial-up service and your username and password.
 - vi. Tap *OK*.
3. Tap the *Applications*  icon then the *HotSync* icon .
4. Tap *Modem* on the *HotSync* dialog to select the *Modem* tab.



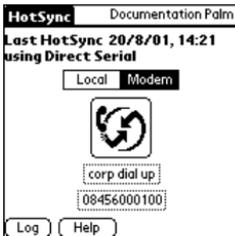
5. Tap the *Menu* icon  and select *Modem Sync Prefs.* Select *Network* and tap *OK*.



6. Tap the *Menu* icon  and select *LANSync Prefs.* Select *LANSync* and tap *OK*.



7. Ensure that your corporate remote-access dial-up service is the selected service (this is displayed below the *HotSync* icon). If you need to change the service selection:
- Tap the current service selection.
 - On the *Prefs, Network* screen, tap *Service* and select your corporate remote-access dial-up service.
 - Tap *Done*.



8. Tap the *Menu* icon , select *Primary PC Setup* and enter your HotSync PC's name in the *Primary PC Name* field.
 - to view this information, right-click the HotSync Manager on your PC, select *Setup* and the *Network* tab and then click *TCP/IP Settings*.
9. Enter your HotSync PC's IP address in the *Primary PC Address* field.
 - to view this information, right-click the HotSync Manager on your PC, select *Setup* and the *Network* tab and then click *TCP/IP Settings*.
10. Tap the *HotSync* button. The HotSync operation will begin.



Primary PC Setup

Primary PC Name:
w110010

Primary PC Address:
10.0.0.1

Subnet Mask(optional):

OK Cancel



Now that you have configured your Visor handheld to perform a HotSync operation via your mobile phone, the next time you want to perform a HotSync operation in this way you only have to tap the HotSync button.

Technical support and contact information

For Red-M Blade support information, visit the Red-M website at www.red-m.com/blade

Regulatory information

The following regulatory statements apply to the Red-M Blade - Bluetooth module for Visor.

North America

By attaching the **FC** mark to this product, we confirm:

This equipment complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesirable operation.

IMPORTANT NOTE: To comply with FCC RF exposure compliance requirements, the following antenna installation and device operating configurations must be satisfied: The device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

This device has been designed to operate with an antenna that has a maximum gain of 0 dB. Antennae that have a higher gain are strictly prohibited as per regulations of Industry Canada. The required antenna impedance is 50 ohms.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that required for successful communication.

To prevent radio interference to the licensed service in Canada, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing.

Europe (EEA)

This product is designed to connect to "Bluetooth" compatible radio interfaces using the 2.4 GHz frequency band in all EEA Member States with the exception of France where the use of the following frequencies is restricted:

- 2.4000 - 2.4460 GHz - Use Excluded - Military Band

- 2.4540 - 2.4835 GHz - Limited to indoor video applications

[Member States of the EEA are: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Liechtenstein, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.]

EC Declaration of Conformity

By attaching the  mark to this product, we

Red-M
Wexham Springs, Framewood Road, Wexham, Slough, SL3 6PJ,
United Kingdom

declare under our sole responsibility that the following product:

Model: Bluetooth Module for Visor

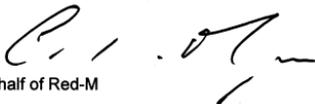
is in conformity with the provisions of Council Directive 1999/5/EC on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity, based on compliance with the following relevant harmonised standards:

EN 60950: 1992 inc A1: 1993, A2: 1993, A3: 1995, A4: 1997, A11: 1997
EN 300 328-2: 2000
EN 301 489-17: 2000

Name: C Mayne

Position: VP, R & D and Business Management.

Signature:



Date: 2nd October 2001

On behalf of Red-M

Power supply information

English

CAUTION: Only use this product with a power source that meets the "Limited Power Source" requirements of IEC 60950 or equivalent safety standards. Use the power supply provided (if applicable) or contact Red-M for a list of suitable power sources.

Dansk

ADVARSEL: Dette produkt må kun anvendes sammen med strømkilder, der opfylder kravene vedrørende "Limited Power Source" i IEC 60950 eller tilsvarende sikkerhedsstandarder. Anvend den medfølgende strømforsyning (hvis muligt), eller kontakt Red-M og få en liste over godkendte strømkilder.

Deutsch

WARNUNG: Verwenden Sie dieses Produkt nur mit einer Stromquelle, die die Anforderungen bezüglich "begrenzter Stromquellen" gemäß IEC 60950 oder entsprechender Sicherheitsnormen erfüllt. Verwenden Sie das im Lieferumfang enthaltene Netzteil (sofern zutreffend), oder fordern Sie bei Red-M eine Liste der geeigneten Stromquellen an.

Español

PRECAUCIÓN: Emplee este producto únicamente con una fuente de alimentación que cumpla la norma de seguridad IEC 60950 de alimentación limitada, o equivalente. Utilice la fuente de alimentación suministrada, si es el caso, o consulte a Red-M para obtener una lista de fuentes de alimentación apropiadas.

Flemish

OPGELET: gebruik dit product enkel met een voedingsbron die voldoet aan de "Minimum voedingsbron"-vereisten van IEC 60950 of evenwaardige veiligheidsvoorschriften. Gebruik bijhorende voedingsbron (indien deze geschikt is) of neem contact op met RED-M voor een lijst van geschikte voedingsbronnen.

Français

ATTENTION: n'utilisez ce produit qu'avec une source d'énergie conforme à la norme IEC 60950 en matière de « source d'énergie limitée », ou autre norme de sécurité équivalente. Utilisez l'alimentation en courant fournie (si applicable) ou bien contactez Red-M pour obtenir une liste des sources d'énergie adéquates.

Íslenska

VARÚÐ: Notið þessa vöru eingöngu með aflgjafa sem stenst kröfur í kaflanum um "aflgjafa með takmarkað afl" í IEC 60950 (ÍST EN 60950) eða sambærilegra öryggisstaðla. Notið aflgjafann sem fylgir (ef viðeigandi) eða fáíð lista yfir nothæfa aflgjafa hjá umboðsaðila vörunnar.

Italiano

ATTENZIONE: Utilizzare questo prodotto solo con sorgenti di alimentazione che soddisfano i requisiti di sicurezza IEC 60950 o equivalenti. Utilizzare l'alimentatore fornito (ove applicabile) o contattare Red-M per ottenere un elenco delle sorgenti di alimentazione adeguate.

Nederlands

WAARSCHUWING: Gebruik dit product alleen met een voedingsbron die voldoet aan de "Minimum voedingsbron"-vereisten van IEC 60950 of evenwaardige veiligheidsvoorschriften. Gebruik de bijbehorende voedingsbron (indien van toepassing) of neem contact op met Red-M voor een lijst van geschikte voedingsbronnen.

Norsk

FORSIKTIG: Dette produktet skal bare brukes med en strømkilde som tilfredsstiller kravene til "Begrenset strømkilde" i IEC 60950 eller tilsvarende sikkerhetsstandard. Bruk den medfølgende strømforsyningen (hvis en slik finnes) eller kontakt Red-M for å få en oversikt over passende strømkilder.

Português

Advertência: Utilize este produto apenas com uma fonte de energia que respeite os requisitos definidos em "Fontes de Energia Limitadas" da norma IEC 60950 ou dos padrões de segurança equivalentes. Utilize a fonte de alimentação fornecida (se aplicável) ou contacte Red-M para obter uma lista de fontes adequadas.

Suomi

MUISTUTUS: Käytä tätä tuotetta vain sellaisen virtalähteen yhteydessä, joka täyttää standardin 60950 "rajoitetun virtalähteen" tai muiden vastaavien standardien asettamat turvallisuusvaatimukset. Käytä toimitettua virtalähdettä (jos asianmukaista) tai ota yhteys RedM:ään sopivien virtalähteiden luettelon saamiseksi.

Svensk

FÖRSIKTIGT! Denna produkt får bara användas med en effektkälla som uppfyller kraven för "Begränsad effektkälla" i IEC 60950 eller motsvarande säkerhetsnormer. Använd medföljande effektkälla (i förekommande fall) eller begär en lista över lämpliga effektkällor från Red-M.

Σλληνικά

ΠΡΟΣΟΧΗ: Χρησιμοποιήστε αυτό το προϊόν μόνο με πηγή ενέργειας που είναι σύμφωνη με την οδηγία του IEC 60950 περί «Περιορισμένης Πηγής Ενέργειας» ή αντίστοιχων προδιαγραφών ασφαλείας. Χρησιμοποιήστε την πηγή ενέργειας που παρέχεται (αν είναι κατάλληλη) ή επικοινωνήστε με την Red-M για να σας προμηθεύσει με κατάλογο συμβατών πηγών ενέργειας