

Data Interface

User's Guide

Fax

GSM

Data file transfer

Terminal emulation



INTRODUCTION

Main features:

Connects your computer directly – no modem or PC card needed.

- Sends and receives data
- Sends and receives fax (Fax group 3, class 1)
- Sends and receives short messages (SMS)
- Phone Book management
- Built-in AT command set (Hayes, GSM 07.05, GSM 07.07)
- Windows Plug & Play compatible

You may use the Data Interface kit with standard communications software, or with the special Data Interface software included on the CD-ROM.

The user guide is divided into two parts:

- Page 2-4 describes the hardware connections, general installation and other issues related to the mobile phone.
- Page 5 and onwards describes the installation and the use of the Data Interface communication software supplied with this kit.

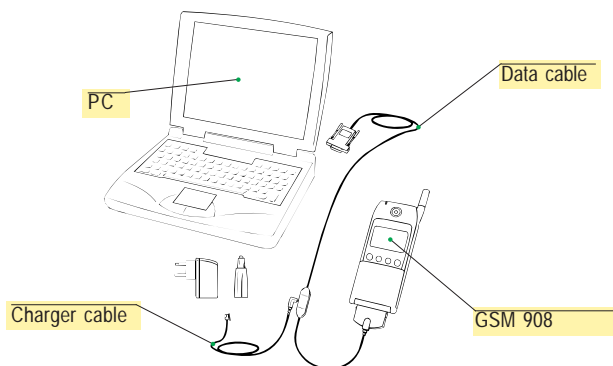
GETTING STARTED

In the package you will find the following:

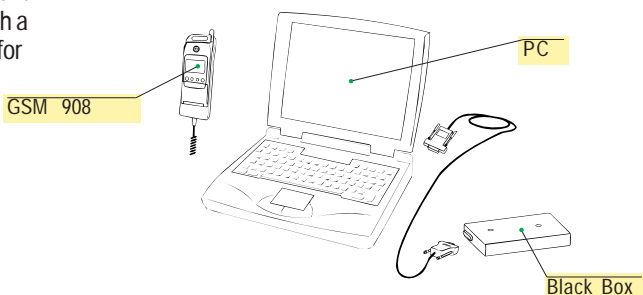
- Data cable
- Charger cable
- Printed user guide in English
- CD-ROM with user guide and Data Interface communication software in English, French, German, Italian, Spanish, Portuguese, Dutch, Danish, Norwegian, Swedish and Finnish.

CONNECTING THE HARDWARE

You may connect either with or without external power supply:



For in-car use the Bosch Professional Handsfree Car Kit is equipped with a standard 9-pin RS232 connector for direct PC-connection
(Cable not included in this kit):



INSTALLING THE MOBILE PHONE AS A MODEM

If your computer supports Windows® Plug & Play follow the description below, otherwise install the modem manually from the Windows Control Panel.

PLUG & PLAY

The specific Bosch driver for the modem is stored on the CD-ROM. If you want to install the modem on a computer with only a 3.5" disk drive you have two options:

1. Copy the driver from the CD to a 3.5" disk. (This is one option from the installation program.)
2. Select the "Standard 9600 bps Modem" when prompted by Windows during Plug & Play.
 - Shut down the computer.
 - Connect the mobile phone to the computer.
 - Make sure that the mobile is switched on.
 - Start the computer.
 - If the computer finds new hardware you have three options:
 1. Insert the CD-ROM with the driver when asked. Path to driver; :\\Windows drivers\\
 2. Insert the diskette with the driver when asked
 3. Accept the "Standard 9600 bps Modem" proposed
 - Follow the instructions on your computer screen.
 - If the computer does not find any new hardware, install the modem manually from the Windows Control Panel.

AT COMMANDS

A file containing all AT commands supported can be found on the Data Interface CD-ROM.

MULTI-NUMBERING OR SINGLE-NUMBERING SUBSCRIPTION

Most network operators are offering multi-numbering subscriptions, i.e. the subscriber has one number for speech calls and another number for fax calls, etc. Some network operators, however, only offer single-number subscriptions, i.e. the subscriber gets one common number for all call types, and no information about call type is given to the phone upon incoming calls. Normally the phone will receive them as speech calls, but if you expect a call to be a fax or data call, you can manually set the phone for it:

- 1) Press MENU
- 2) Scroll to PHONE SETUP and press SELECT.
- 3) Scroll to INCOMING CALL SETUP and press SELECT

Now you have two options:

- A) If you select NEXT CALL TYPE, the *next* incoming call (and only this) will be received in the way you select: Speech, Data or Fax.
- B) If you select ALL CALL TYPE, *all* incoming calls will be received in the way you select: Automatic, Speech, Data or Fax. "Automatic" means that you leave it to your PC to define the call type. If, for instance, your PC is in fax mode, calls will automatically be received as fax calls. If the data cable is not connected, all calls will be received as speech calls.

TECHNICAL SUPPORT

If technical support is required, please call:

Bosch Telecom Danmark A/S
International Service
Phone +45 96 73 80 00
Fax +45 96 73 80 05

Contents - Installation - The Status Bar

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Attention

Some of the function's described in this User's Guide might not be available within the Data Interface software. In this case, these functions are either grayed-out or not displayed.

Screen Shots

The screen shots in this manual correspond to the use of the Data Interface software in a Windows® 95 environment. When running the application in other Windows® operating systems, the aspect of the screens may significantly change. This will not impair the software's functionality.

Online Help

The Data Interface software has a context sensitive on-line help that can be accessed by clicking the Help button or the F1 key. All the information needed on how to use the Data Interface software can be found in the help files.

INSTALLING THE DATA INTERFACE COMMUNICATION SOFTWARE

To install the Data Interface communication software on to your computer's hard drive, first insert the media containing the program CD-ROM in the appropriate drive. If you install the Data Interface software under Windows® 95, Windows® 98 or Windows NT™ 4.0 using the CD-ROM, an autorun setup program is started after a few seconds wait. If not, follow these simple steps:

1. Double-click the My Computer icon.
2. Double-click the icon for your CD-ROM drive.
3. Double-click BOSCH.EXE

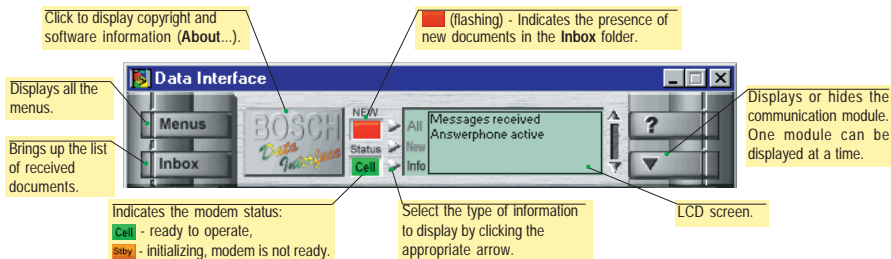
From that point on, a program assistant will guide you through the different steps required to install the Data Interface software. During this process, if you choose to enable the **Find modem** option, make sure that the modem is connected and turned on.

USING THE STATUS BAR

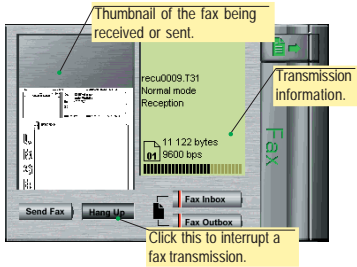
The **Status Bar** gives access to all the functions featured in the Data Interface software. You may select a menu option through the **Menu** button.

The "LCD" screen displays information which you can get acquainted with at a glance. Click on the arrow cursors to select the type of information to be displayed:

- The **All** and **New** selections indicate the number of received documents. To view new received documents click **Inbox**; you directly access the window that displays the **Inbox** folder contents (see page 8).
- **Info** displays warning messages and modem status.



Fax



Send Fax

Displays the **Send Fax** window.

Hang Up

Interrupts the current fax transmission.

Fax In

Displays the **Inbox** folder contents (see page 8).

Fax Out

Displays the **Outbox** folder contents (see page 8).

FAXING A DOCUMENT FROM ANY WINDOWS APPLICATION

This method, called «Print Capture», lets you fax a document directly from the Windows application in which you've created it, without opening the Data Interface software.

1. You've just created a document in a Windows application: word processor, graphic editor, spreadsheet, etc. To fax this document, keep the application and the document open and select the **Print** option from the **File** menu.
2. Select **CAPTURE FAX BVRP** as the printer driver, then click OK. The **Send Fax** window is displayed.
3. Type in the **recipients** details or extract them from the Phone Book.
4. Various transmission options are available. To enable an option, click on the corresponding button:

Defer call to a later date/time.

Open the cover page panel

Phone card dialing (must be set up in the **General Configuration**)

High quality fax (fine)

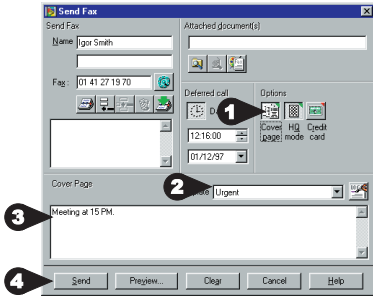
5. Click **Send** to start the transmission.

FAXING A FILE DIRECTLY FROM THE DATA INTERFACE SOFTWARE

1. From the Data Interface software main window, click **Send Fax** to display the **Send Fax** window.
2. Type in the **recipients** details or extract them from the Phone Book .
3. In the **Attached Document** section, click on the **Browse** button and select the file to be sent.
4. Various transmission options are available. To enable an option, click on the corresponding button (see above).
5. Click **Send** to start the transmission.

Note: Only graphic files (BMP, PCX, etc.) and ASCII files can be faxed directly. For other formats, use the **Faxing a document from any Windows application** described above.

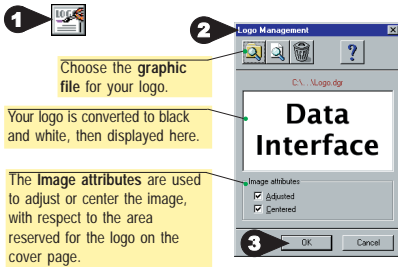
Fax



SENDING A COVER PAGE ON ITS OWN OR ADDING A COVER PAGE TO YOUR FAX

Whatever method you choose to prepare and send a fax, you can add a cover page or even send the cover page on its own.

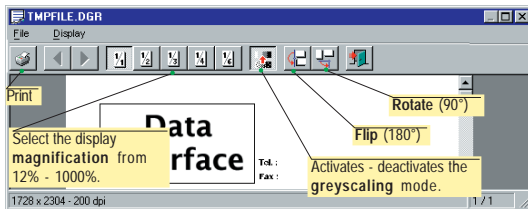
1. Click the **Cover Page** button to display the cover page section if it is hidden.
2. Select the cover page **Template** to use from the model drop-down window.
3. Right below it, in the text edit box, type in the message that will appear on your cover page.
4. Click **Send** to start the transmission.



ADDING A LOGO TO THE COVER PAGE

The logo should be small in size and in a graphic format supported by the Data Interface software: BMP, PCX, TIF, DIB, GIF, DCX.

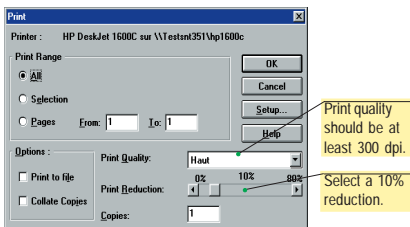
1. In the **Send Fax** window, click on to display the **Logo Management** window in order to choose the logo that will be placed on the cover page.
2. Click on the **Browse** button and select the logo graphic file.
3. Validate by clicking **OK**.



VIEWING AND PRINTING FAXES

Faxes can be viewed and printed not only from the **Inbox** and the **Outbox**, but also from the **Confirm Transmission** window.

To view a fax click the **View** button .



To print a fax, click the **Print** button .

For the **best printing results** the print quality should be at least 300 dpi.

To fit the fax completely on the page, a 10% reduction should be selected (Default setting).

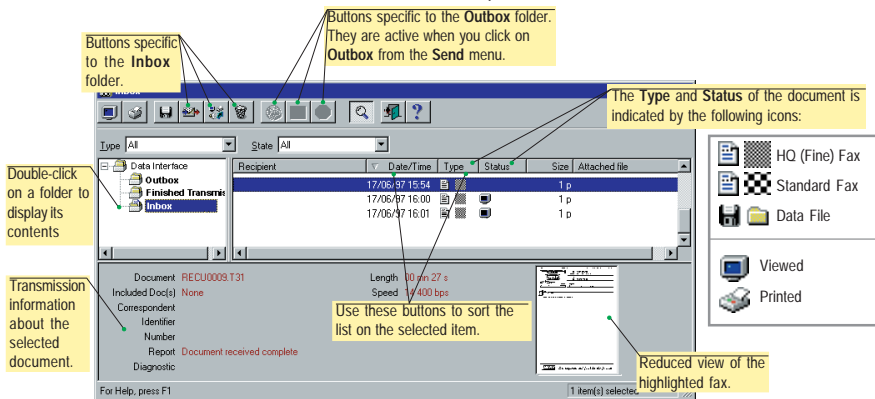
Inbox/Outbox Management

The Data Interface software lets you manage all your transmissions and received documents in a single window. All your transmissions are stored in a folder labeled **Outbox**, and received documents are kept in the **Inbox** folder. To display the **Inbox** folder contents, click on **Inbox** from the main screen. To view the **Outbox** folder contents, click on **Menu**, then select **Outbox** from the **Send** Menu.

INBOX/OUTBOX FOLDERS - WINDOW DESCRIPTION

The window containing the **Inbox** and **Outbox** folders in which you can easily manage all your transmissions and received documents is divided into three main parts:

- the command buttons in the upper part of the window (available command buttons depend on the selected folder).
- the folders, and the highlighted folder contents in the center.
- transmission information on the selected documents in the lower part.



COMMAND BUTTONS COMMON TO THE INBOX AND OUTBOX FOLDERS

Use	To...	Use	To...
	...View the highlighted document in the Graphic Viewer.		...Delete the highlighted document.
	...Print the highlighted document.		...Display information on the highlighted document.
	...Save the highlighted document to disk.		...Display the Help.

FOLDERS

This window always includes the following folders:

- The **Inbox** folder that lists all received documents. Its contents is displayed when you click on **Inbox**.
- The **Outbox** folder that contains all transmissions (deferred, canceled, and successful ones). Its contents is automatically displayed when you select **Send - Outbox** from the **Menu** button.
- The **Finished Transmissions** folder that contains all the finished transmissions. To display its contents click twice on the folder. From there you can modify or/and reactive a transmission.

Inbox/Outbox Management

WHAT IS THE INBOX?

All received documents are stored in the **Inbox** folder. When a document is received, the Data Interface software notifies you by displaying a **Document(s) received** warning (and emits a **beep** when this option is selected in the **Notifications** window). These notifications are removed when the document has been consulted.

A **double-click** on a received document will automatically display the document if it is a fax.

The **Inbox** folder can contain up to **1024 documents**, that are not limited in size. When the number of 1024 documents is reached, they are no more space to receive documents. It is advised to delete unnecessary documents. However, if you want to store copies of these documents, you can print them or save them to disk in another directory.

Command buttons specific to the Inbox folder

The following command buttons are available when the **Inbox** folder is selected.

Use To...



...Resend the highlighted fax.

Use To...



...Change the status of a document: consulted to not consulted, printed to not printed, resent to not resent.

WHAT IS THE OUTBOX?

All transmissions are stored in the **Outbox** folder, which acts as a transmission queue. If the transmission runs smoothly, then the document is deleted (except if you have configured the Data Interface software to keep successful transmissions), and the information is then recorded in the **Send Log**.

If an error occurs, then the transmission is canceled and the document is conserved in order to allow you to correct the error (wrong number, etc.).

To confirm that a document was sent correctly to a recipient, open the **Send Log**. All the information concerning past transmissions are available here.

If the option **Keep finished transmissions** is checked on the **Communications** folder tab found under the **General Configuration** menu, then all transmissions that are added to the **Outbox** folder will not be deleted after being transmitted. The **Outbox** folder is limited to 256 transmissions. You should delete regularly the documents stored in the **Outbox** folder to avoid reaching this limit.

Command buttons specific to the Outbox folder

The following command buttons are available when the **Outbox** folder is selected.

Use To...



...Modify the fax transmission schedule (phone number, date and hour).

Use To...



...Reactivate a deferred or canceled transmission.



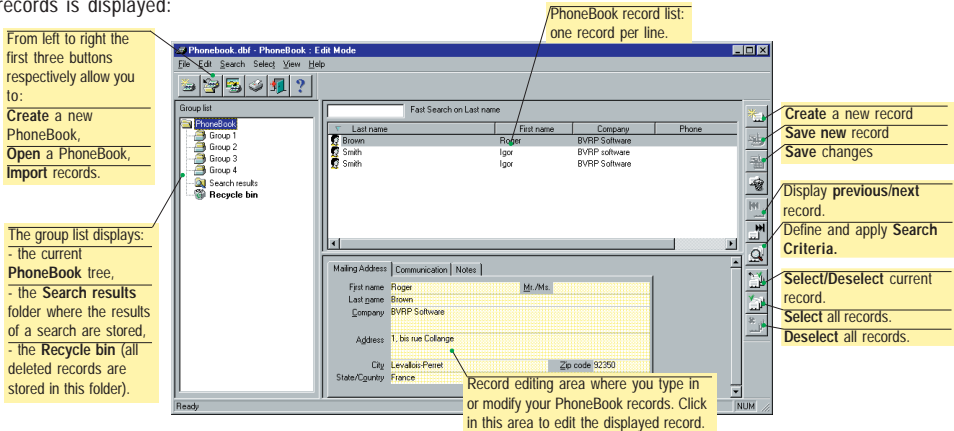
...Deactivate a running transmission or a deferred transmission.

PhoneBook

The PhoneBook stores the names, phone, fax and modem numbers, and many other details for each recipient.

OPENING THE PHONEBOOK WINDOW

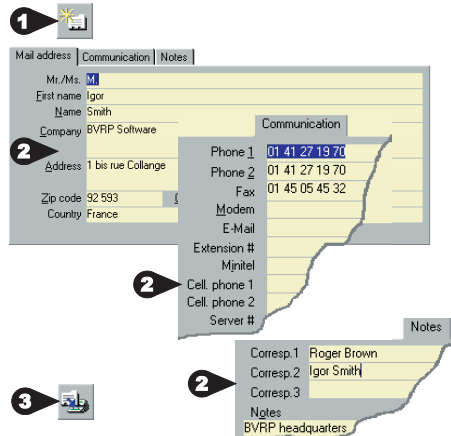
To open the **PhoneBook**, click on **Menu** from the Data Interface software **Status Bar**, then select the **PhoneBook!** menu option. The **PhoneBook** window in which you can add, modify, and delete your PhoneBook records is displayed:



CREATING NEW RECORDS

When you first access the PhoneBook, it is empty.

1. To start building records, click or click in the record editing area.
2. Enter the information in the editing area. A context menu provides you with commands that allow you to change your PhoneBook records. You must first select the item you want to modify, then click using the right mouse button: the Cut, Copy, Paste, Delete commands are available.
3. When finished entering information into the record, click to save the new record. If this icon is grayed out, it means you have not yet entered the minimum information required to complete a record; be sure to enter at least the **Name**.



IMPORTING EXISTING RECORDS

If the records already exist as files structured in a standard format used by other popular information-storage applications such as databases or spreadsheets, you can import these records instead of typing them in again. For a detailed explanation on how to use this function, press F1 from the **Import Records** window.

PhoneBook

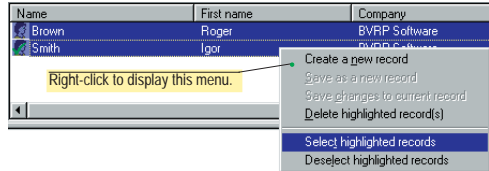
SELECTING RECORDS

You can **select records** in various ways:

- To make a **contiguous selection**: click on the first item to select. Next, press and hold the **[Shift]** key, then click the last item to select. All items between and including the first item and the last item will be highlighted. Then, press the right mouse button: a context menu is displayed providing you with the **Select highlighted records** option.
- To make a **disjointed selection** with the mouse, press and hold the **[Ctrl]** key. Click on any item you want to add to the selection, then press the right mouse button. A context menu is displayed providing you with the **Select highlighted records** option.
- To select records using the **keyboard**, click on the record you would like to select, then press the **[Spacebar]**.

Selected records are flagged with a green tick.

This feature, combined with the PhoneBook Extract Mode provides a very straightforward means of carrying out a fax broadcast.



USING THE PHONEBOOK FOR DIALING



Once a recipient has been entered into the PhoneBook, you can open the **PhoneBook: Extract mode** window to automatically fill in the recipients fields.



From the **Fax** module:

1. Click on **Send Fax** to display the **Send Fax** window, then click on .

The **Phonebook: Extract mode** is displayed.

2. Then:

Use	To...
	...Extract the current record details.
	...Extract the record selected in current group.

Use	To...
	...Extract the current group.
	...Extract the current PhoneBook.

When the request comes from the **Send Fax** window and a **Cover Page** is used, the recipients' names and fax numbers are automatically added to the cover pages.

Terminal Emulation




Starts a **direct connection**. This permits AT commands to be sent directly to the modem.

Starts a **connection by modem** allowing you to upload files to remote systems and to capture information to disk.

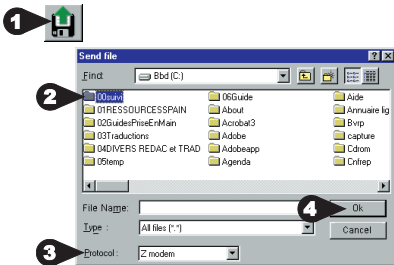
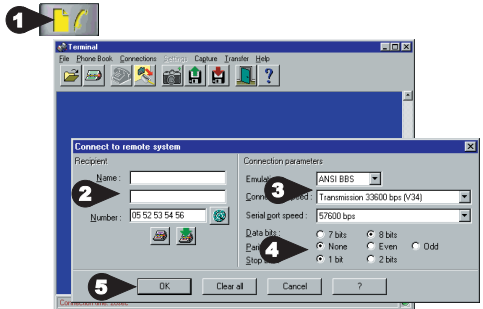
Accesses the **Configuration** window.

With **Terminal emulation**, you can connect to various computers and online services to retrieve information, perform electronic mail, upload and download data files, etc.

STARTING A CONNECTION BY MODEM


1. Click  from the main window to access the **Connect to remote system** window.
2. Enter the phone number of the server you wish to connect to or extract it from the Phone Book.
3. Select the **Emulation** mode to use.
4. Select the connection settings for the current connection.
5. Click **OK**. A call progress screen is displayed.

Note: To configure the standard connection settings, choose **Connection** from the **Settings** menu of the **Terminal** window.





UPLOADING FILES TO A REMOTE SYSTEM DURING A CONNECTION BY MODEM

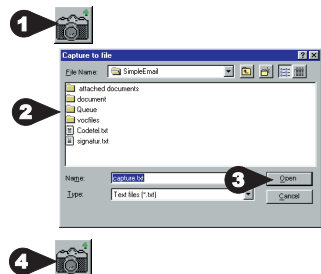
This function can only be accessed during a connection by modem. From the **Terminal** window:

1. Click  to display the **Send file** window.
2. Specify the file name to be sent, including, if necessary, **Drive** and **Directory** specifications.
3. Select the file transfer **Protocol**.
4. Click **OK** to begin the transfer.

CAPTURING INFORMATION TO DISK DURING A CONNECTION BY MODEM

This function enables you to capture information you exchange with a remote system to disk as a text file. From the **Terminal** window:

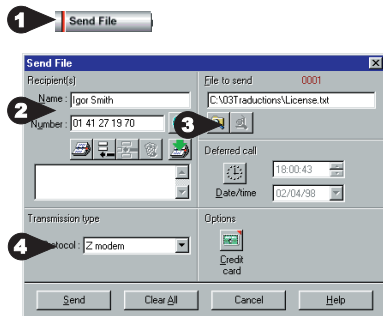
1. Click  to display the **Capture to file** window.
2. Specify the file name, and location to store the text.
3. Click **Open** to enable the capture feature.
While the disk capture feature is on, information exchanged with the remote system is saved in the text file.
4. To stop capturing to the file, click  again.







Data File Transfer

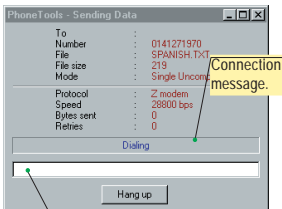


The data file transfer feature lets you automatically send and receive data files using the **Kermit**, **X**, **Y** or **ZModem** protocol at the maximum speed supported by the modems at both ends.



SENDING A DATA FILE AUTOMATICALLY

1. From the main window, click **Send File** to display the **Send File** window.
2. Type in the **Recipient(s)** details or extract them from the **Phone Book** by clicking on .
3. In the **File to send** section, use the **Browse** button  to select the file to be sent.
Various transmission options are available. To enable an option, click on the corresponding button:
 Defer call to a later date/time.
 Phone card dialing (must be set up in the **Personalize** tab of the **Configuration** window).
4. Select the transmission protocol.
5. Click **Send** to start the transmission.



It is sometimes necessary to log in before transmitting a data file. If this is the case, then when the **Sending Data** window opens and displays: «Connected, you may type a message (10s)» simply click the **[OK]** button to access the text edit box. There, you can type any text that is necessary to log in to the remote station. The file is transmitted automatically, without any further action from the user. If the recipient uses the Data Interface communication software, the file will be received and added to their **Inbox** folder. If not, then your recipient should prepare their communications application to receive in ZModem protocol.

To send more than one file in the same transmission, it is advised that you use a software compression utility. This will reduce transmission time, while permitting more than one file to be sent.

RECEIVING A DATA FILE AUTOMATICALLY

Receive mode, speed and protocol are set in the **Communication** tab of the **Configuration** window. To receive data files automatically, you should either:

- set the receive mode to **Data**, in which case the Data Interface communication software will only be able to interpret data transmissions while fax transmissions will not be processed; or
- you can set this parameter to **Auto Fax/Data** so that the Data Interface communication software will automatically interpret and process the type of incoming call being sent in.

Protocol is the default file transfer protocol used for data transmissions you receive. ZMODEM is the most popular, but can be changed if the remote system uses another protocol.

To access received data files, click on **Received Files**.

Cellular Module - Description

The **Cellular** module offers all the features you need for your mobile phone / PC card management.

Some of these features (Phonebook Management, secure data transfer...) depend on the mobile phone, network operator and modem you are using.



HOW DOES IT WORK?

With the **Cellular** module it is possible to send paging type messages to cellular phones from your computer keyboard which is far more convenient than using phone keys. The short messages are alphanumeric text messages of up to 160 characters that are sent over the cellular network. Then, these short messages will be stored by the SMS services centre. If the receiver is not available, the messages will be stored in the SMS Services Center until the validity period of the message has expired.

To display the **Cellular** module, click on  from the main screen.

CELLULAR MODULE DESCRIPTION

The Cellular module is made up of:

- A mobile phone graphic view.
- An information screen that displays the brand name of the mobile phone connected to your PC.
- Buttons that give access to most of the functions:

Send Message

Gives access to the **Send Message** window that allows you to send short messages.

Receive Message

Gives access to the **Inbox** folder that lists received SMS only. In this window, the SMS sender's mobile phone number is automatically retrieved. You can transfer it into your Phonebook.

Phonebook mgmt

Gives access to the **PhoneBook: Edit Mode** window that allows you to transfer records from the application phonebook to your mobile phone phonebook and vice-versa.

Configuration

Opens the **Mobile Phone Configuration** window in which you enter your mobile phone operating parameters. This window also displays settings related to the mobile phone and network used.

Configuration

SETTING UP YOUR MOBILE PHONE OPERATING PARAMETERS

Before using the Cellular module, enter your mobile phone operating parameters in the following configuration window. If your mobile phone and PC card equipment allows it, the configuration settings are automatically filled in.

Click on the **Configuration** button from the **Cellular** module to display the **Mobile Phone Configuration** window, then proceed as follows:

1. In the **Country** drop-down list, select the **Country** you are in to filter the names of the network operators of the selected country.
2. In the **Home Network Op.** drop-down list, specify the network operator to use.
3. Check the short message **Send options**.
4. Choose your **SMS services center** in this drop-down list.
5. Click on **OK** to save your changes.

The **SMS services center** you specify here depends on your subscription, SIM card and the country you are in.

These **settings** depend on the selected network, or are retrieved from the mobile phone.

SETTING UP DATA TRANSMISSION PARAMETERS AND NETWORK TYPE

To set up data transmission parameters, and to select the network type you want to use proceed as follows:

1. From the main screen, click on the **Configure** button, and select **General Configuration**.
2. In the **General configuration** window, click on the **Communication** folder tab, and select your communication functions.
3. Click on the **Localization** folder tab, and select the network type you want to use.



The **RLP mode** allows you to safely transfer your data over cellular networks. This feature is not included in all mobile phones and networks.

Select a **Network type** here, if the interface board did not detect it automatically.

The name of the selected network appears in the **Status Bar** of the main screen: **Cell**.


Short Messages (SMS)

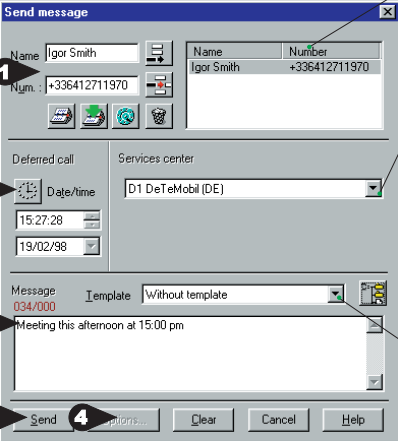
SENDING SHORT MESSAGES

Send Message


The **Send Message** button opens a window that allows you to send a short message (up to 160 characters) to one or more mobile phone users.

To send a short message:

1. Type in your recipients' details or copy them from the PhoneBook.
2. Type your message text in the message edit box.
3. Click on  to defer your transmission to a later date/time.
4. Click on the **Options** button to display the **Options** dialog that allows you to specify send options for the current short message.
5. Click on the **Send** button to prepare the transmission.



The **Send message** dialog box contains the following fields and buttons:

- Name:** Igor Smith
- Num.:** +336412711970
- Deferred call:**  **Date/time:** 15:27:28, 19/02/98
- Services center:** D1 DeTeMobil (DE)
- Message:** 034/000
- Template:** Without template
- Buttons:** Send, Options..., Clear, Cancel, Help

Annotations:

- 1: Points to the Name field.
- 2: Points to the Message text area.
- 3: Points to the Deferred call button.
- 4: Points to the Options button.
- 5: Points to the Send button.
- The Cellular module allows you to send the same message to multiple recipients.
- Specify the SMS service center parameters in the Mobile phone configuration window before writing a message.
- You can select a previously saved message Template.

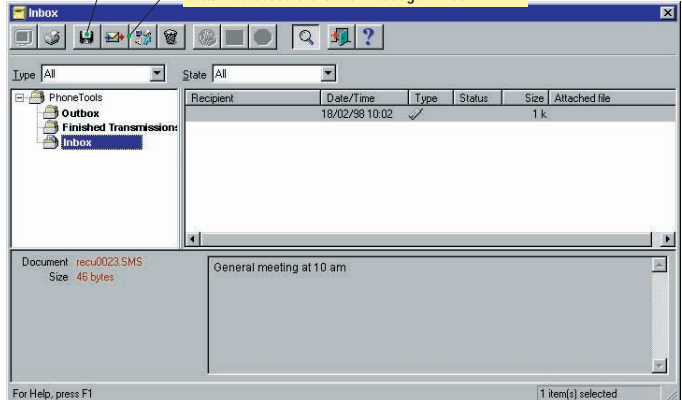
SHORT MESSAGES RECEIVED IN THE INBOX

Received messages are stored in the **Inbox** folder. They are represented by a mobile phone icon in the **Type** column. The sender ID appears when transmitted with the message and the SMS sender's mobile phone number is automatically retrieved. You can transfer it into your PhoneBook.


To display the **Inbox** folder contents you have two possibilities.

From the Cellular module, click on **Receive Message**.

From the main screen, click on **Inbox**.



The **Inbox** window displays a list of received messages. The **Inbox** folder is selected in the left pane. The main pane shows a table of messages:

Recipient	Date/Time	Type	Status	Size	Attached file
	18/02/98 10:02		✓	1 k	

Annotations:

- Click here to save the highlighted message to disk in a text file format.
- Click here to reply to the highlighted SMS sender. This button accesses the **Send Message** window.

Document: recv0023 SMS
Size: 45 bytes

General meeting at 10 am

For Help, press F1 | 1 item(s) selected

Phonebook Management

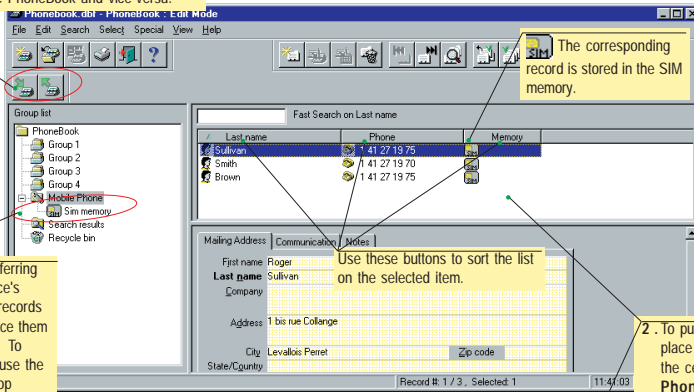
MANAGING YOUR PHONEBOOKS

Phonebook mgmt

This button opens the **PhoneBook: Edit Mode** window that allows you to manage data exchanges between Data Interface's PhoneBook and mobile phone PhoneBook: you can transfer records from the Data Interface's PhoneBook to the mobile phone PhoneBook and vice-versa. Moreover, you can store them in the SIM card memory.

3. These buttons are used to transfer records from Data Interface's PhoneBook to the mobile phone PhoneBook and vice-versa.

1. Before transferring Data Interface's PhoneBook records you must place them in this folder. To place them, use the drag and drop feature.



The corresponding record is stored in the SIM memory.

Use these buttons to sort the list on the selected item.

2. To put records in order, place your mouse cursor in the center of the **PhoneBook: Edit mode** window, then press your right mouse button to display this menu. The **Modify current position** and **Order position** menu options respectively allow you to manually and automatically put your records in order.



To transfer your records from Data Interface's PhoneBook and the mobile phone PhoneBook:

Warning

When you transfer records from Data Interface's PhoneBook to the mobile phone PhoneBook, all records that are in the mobile phone PhoneBook are deleted. Be sure you don't need them for a later use.

1. Place the records you want to transfer in the **Sim memory** folder using the drag and drop feature.
2. Put your records in order.
3. Then, use the buttons described below:



Import records from mobile phone. Transfers the selected records or records of the selected folder (SIM memory folders) from the mobile phone PhoneBook to Data Interface's PhoneBook.



Export records in mobile phone. Transfers the selected records or records of the selected folder (SIM memory folders) from Data Interface's PhoneBook to the mobile phone PhoneBook.



Export selected records to mobile phone. Transfers the records indicated by a green checked mark from Data Interface's Phonebook to the mobile phone PhoneBook.

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Responsibility

All effort has been made to control and verify the information contained in this document. The instructions and the description of the Data Interface communication software user manual when associated with a modem are in accordance when going to press. However, BVRP reserves the right to make improvements to the product described in this manual at any time and without notice. BVRP does not warrant or guarantee you uninterrupted service, the correction of any error, or elimination of any "bug". BVRP assumes no liability for any events arising out of the use of any technical information in this manual. BVRP expressly excludes and disclaims all other obligations, guarantees, liabilities, commitments, and similar undertakings expressed or implied, statutory or otherwise, as to the condition, quality, durability performance, merchantability and fitness for a particular use or purpose of the product.

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Conventions

It is important to understand the terms and conventions used in this manual. For information about the conventions used and how to use Windows, help, menus and dialog boxes, consult your Windows user's manual.

Minimum configuration

The Data Interface communication software requires the Windows® 95, Windows® 98 or Windows NT™ operating system. For any information concerning upgrades, contact BVRP Software or your distributor.

For the Data Interface communication software to operate properly, check the following points:

- Computer : 486 or higher.
- Local hard drive with 8 MB free.
- RAM memory 8MB for Windows® 95, 16MB Windows® 98 or Windows NT™.

Limitations

The Data Interface communication software is designed and tested to work with modems, and at the same time to follow the rules of using communication material with telephone systems. To avoid communication problems, it is not advised to use the Data Interface communication software with any other modem than the one supplied with it.

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