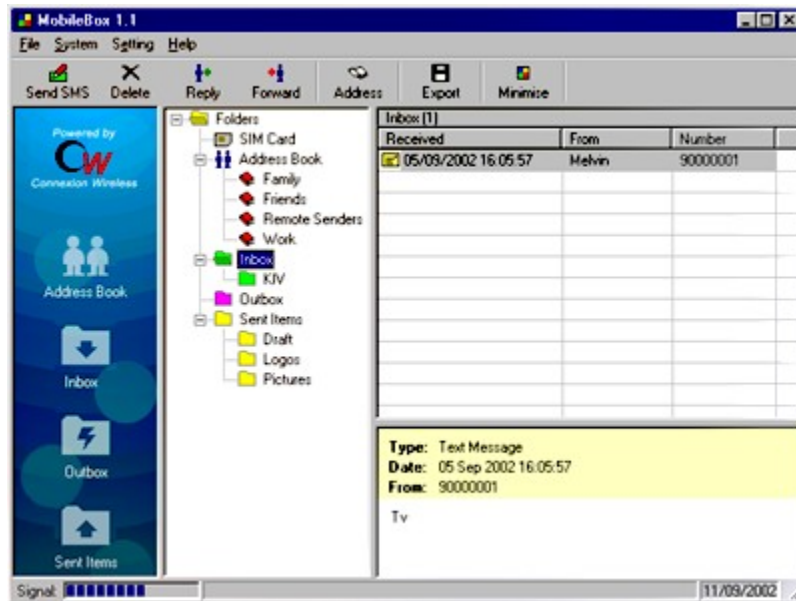# Introduction

Connexion Wireless MobileBox is a low cost SMS application package that comes with powerful features for businesses as well as individuals to make best use of SMS Text Messages, Operator Logo, Picture Messages and Ring Tones as effective communication mediums.

SIM Card management has never been simpler.   Adding new contacts, changing contact details and removing contact entries can be done with just a few clicks of the mouse.   The Address Book Manager allows quick and easy management of contacts that resides in the computer's hard disk.   Each record can be grouped into logical groups for easy selection, as well as for broadcasting of messages.

The Inbox, Outbox and Sent Items folders are used for managing Incoming and Outgoing messages. There is a built-in HTTP Server that allows sending of SMS messages from another computer in the network.   MobileBox can also be configured to allow remote broadcasting, remote retrieving and remote query of SMS messages.   There is an auto-respond feature that allows unattended reply to incoming messages.

The multimedia features of MobileBox allows editing of Operator Logos and Pictures for Picture Messages and listening to Ring Tones.

MobileBox is packed with lots of easy-to-use and powerful features for all the Mobile Messaging needs.

Options

Modem
▶   COM Port - Select COM Port that the modem is attached to.

▶   Baud Rate - Select Baud Rate of the modem.

▶   Handshake - Select Handshake method between MobileBox and the Modem.

Message Box

▶   Purge Inbox - Number of days to keep entries in the Inbox.   Enter 0 to disable purging.   Any other values will enable purging of messages from the Inbox when the program starts.

▶   Purge Sent Items - Number of days to keep entries in the Send Items folder.   Enter 0 to disable purging.   Any other values will enable purging of messages from the Sent Items folder when the program starts.


Others

▶   Home Country Area Code - Enter your home Country Code e.g. +65 for Singapore.   This allows MobileBox to recognise senders of incoming messages so that the phone number can be properly matched with the Address Book entries where local numbers are entered without the International

Country Code prefix.

▸ Audible Alert for Incoming Messages - Turn on this option to activate audible alert when a new message is received.

Remote Sending

Remote Sending

Group allowed to send messages remotely

Remote Senders ▼

[OK]   [Cancel]
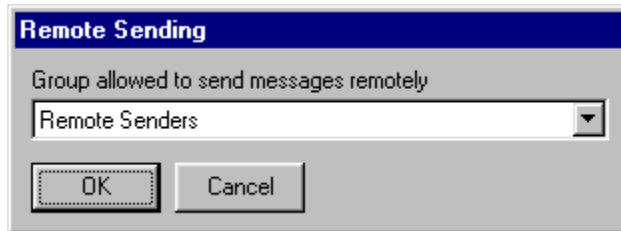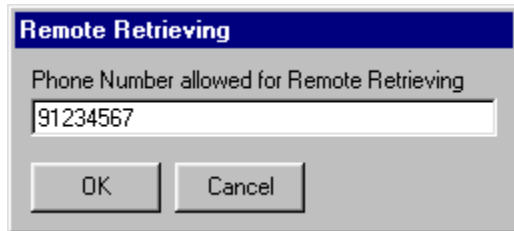
This screen allows configuration of sending SMS remotely to predefined groups.

Example SMS: #GPWork,Testing 123

The example SMS above will send message "Testing 123" to the Group "Work".   #GP is the command for Remote Sending to Group.

Select Group

▶   None - Remote Sending not allowed.

▶   Selecting an existing Address Group allows remote sending by senders whose numbers are listed in the selected group.

Remote Retrieving

Remote Retrieving

Phone Number allowed for Remote Retrieving

91234567

| OK | Cancel |

Enter the Mobile Phone number that is allowed to retrieve messages remotely.   If the Mobile Phone Number is left blank, Remote Retrieving will be disabled.
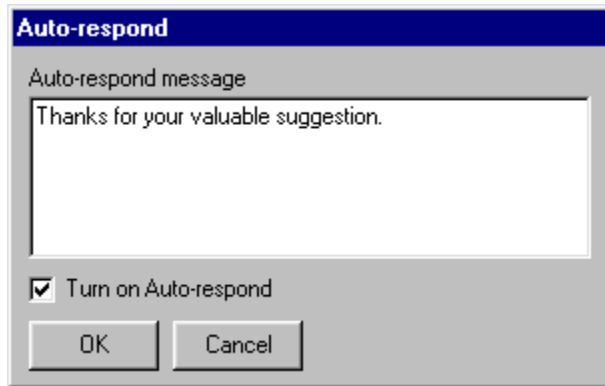
The SMS Commands for Remote Retrieving are as follows:

▸   #NU - Check number of unread messages in the Inbox.

▸   #RU - Retrieve first unread message from the Inbox and mark the message as read.

▸   #RU,*n* - Retrieve fist *n* unread messages from the Inbox and mark the retrieved messages as read.
        e.g. "#RU,5" to retrieve the first 5 unread messages.
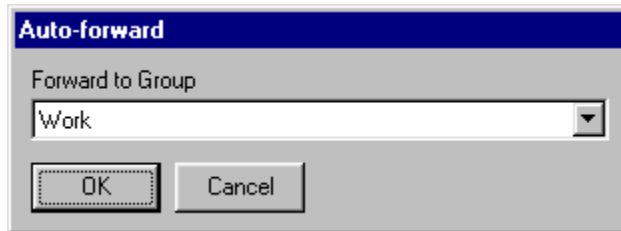
Auto-respond

When this feature is enabled, MobileBox will automatically send a reply with the Auto-respond Message for each incoming message.

1. Enter the Auto-respond message in the message box.   Maximum 160 characters.

2. Select Turn On Auto-respond to enable the Auto-respond feature.

Auto-forward

This screen allows configuration of forwarding all incoming SMS to predefined groups.

Select Group

▶   None - Incoming SMS will not be forwarded.

▶   Selecting an existing Address Group allows forwarding of all incoming SMS to numbers listed in the selected group.

HTTP Service

MobileBox has a built-in HTTP Service that allows sending of SMS from a TCP/IP Network through the Web Interface.

1. Enter the HTTP Port Number for MobileBox to listen for SMS Sending Requests.

2. Click Add to add a new IP Address of a client computer that is allowed to connect through the Web Interface.

3. Click Change to make changes to the selected IP Address entry.

4. Click Delete to remove the selected IP Address entry.

5. Enable HTTP Service to turn on the HTTP Service.

IP Address Setting examples

- To allow 10.10.10.*, enter 10.10.10.0 to 0

- To allow 10.10.*.*, enter 10.10.0.0 to 0

- To allow 10.*.*.*, enter 10.0.0.0 to 0

- To allow all, enter 0.0.0.0 to 0

- To allow 10.10.10.101-108, enter 10.10.10.101 to 108

To send a SMS from another computer in the network through the Web Interface, follow these steps:

- If your know the IP Address of the Computer that MobileBox is running, enter the IP Address and Port Number of the MobileBox Computer in your Browser's Address Bar and press ENTER. e.g. "http://10.10.10.88:8010"

- If you know the Host Name of the Computer that MobileBox is running, enter the Host Name and Port Number of the MobileBox Computer in your Browser's Address Bar and press ENTER. e.g. "http://mycomputer:8010"

If the connection is successful, MobileBox should return a Web Form for Sending SMS.   Fill in the Mobile Phone Number and Message Text.   The Schedule Field is optional.   Then click the Send Button.

To send a SMS from another computer in the network through direct HTTP POST or GET method, follow these steps:

- If your know the IP Address of the Computer that MobileBox is running, use the IP Address and Port Number of the MobileBox Computer in your HTTP POST or GET URL. e.g. "http://10.10.10.88:8010/sendsms.htm?"

mPhoneNo=91234567&mMessage=Testing+123&mOutDate=04%2F06%2F2002+20%3A30"

▶ If you know the Host Name of the Computer that MobileBox is running, use the Host Name and Port Number of the MobileBox Computer in your HTTP POST or GET URL. e.g.
"http://mycomputer:8010/sendsms.htm?
mPhoneNo=91234567&mMessage=Testing+123&mOutDate=04%2F06%2F2002+20%3A30"

The mOutDate field is optional.

Customising The Web Interface

All the HTML files are stored in "C:\Program Files\MobileBox\www".   These files can be edited to customise the Web Form and Messages.   **Remember to backup the files before edting.**

▶ **fail.htm**   Send SMS un-successful

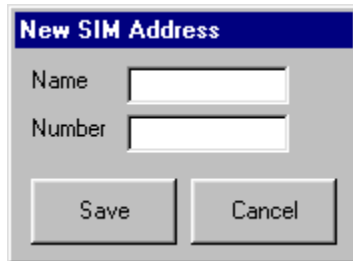▶ **full.htm**   Exceeded maximum number of client connections.   Only 50 concurrent client connections allowed.

▶ **index.htm**   The Web Form for Sending SMS.

▶ **notfound.htm** Unable to locate the requested HTML file.
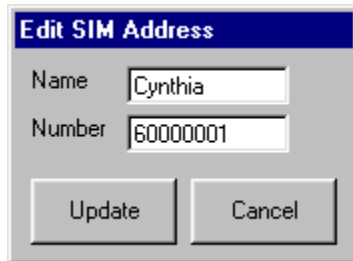
▶ **success**   Send SMS successful.

Add New SIM Card Address

New SIM Address

Name [ ]

Number [ ]

Save   Cancel

1. Select SIM Card fom the folder list.

2. Click New Address button.

3. Enter Name

4. Enter Phone Number

5. Click Save to write new entry to SIM Card.   Click Cancel to abort.

Edit SIM Card Address

Edit SIM Address

Name: Cynthia

Number: 60000001

[Update] [Cancel]

1. Double click on an entry in the address list, or select an entry from the address list and click the Edit button.

2. Edit Name if required.

3. Edit Phone Number if required.

4. Click Update to write changes to SIM Card.   Click Cancel to abort.

Delete SIM Card Address

1. Select one or more entries in the Address list.

2. Click Delete Selected to remove selected items from SIM Card.

Note: Items deleted from SIM Card will be gone forever.   Please be very careful when selecting entries to delete.

Import SIM Card Addresses to Address Book

Import to Address Book

Add to Group: [Family ▼]
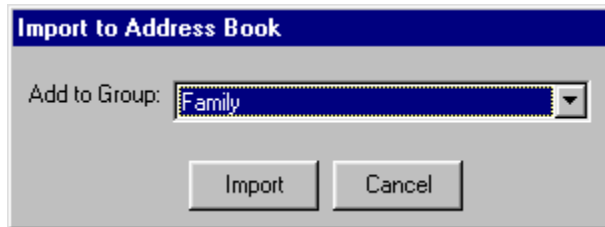
[Import] [Cancel]

1. Select one or more records in the Address list.

2. Select the desired Group from the Group list to add the imported Addresses to.

3. Click Import to start.   Click Cancel to abort.

Add New Address Book Record

New Address

Contact | Company | Group | Others

Salutation

First Name*　　　　　　　　Last Name

Title

Mobile Number*

Email

Contact Number　　　　　　Extension

Fax Number

Save

Cancel

1. Click New Address .

2. Contact - Enter all relevant fields.　Mobile Phone Number and First Name are mandatory.　All other fields are optional.

3. Company - Enter company detail.　All fields are optional.

4. Group - each Address Record may belong to more than one group.　Click Add New to add groups. Click Delete Selected to remove selected groups

5. Others - All fields are optional.

6. Click Save to write new entry to Address Book.　Click Cancel to abort.

Edit Address Book Record

Update Address

Contact | Company | Group | Others

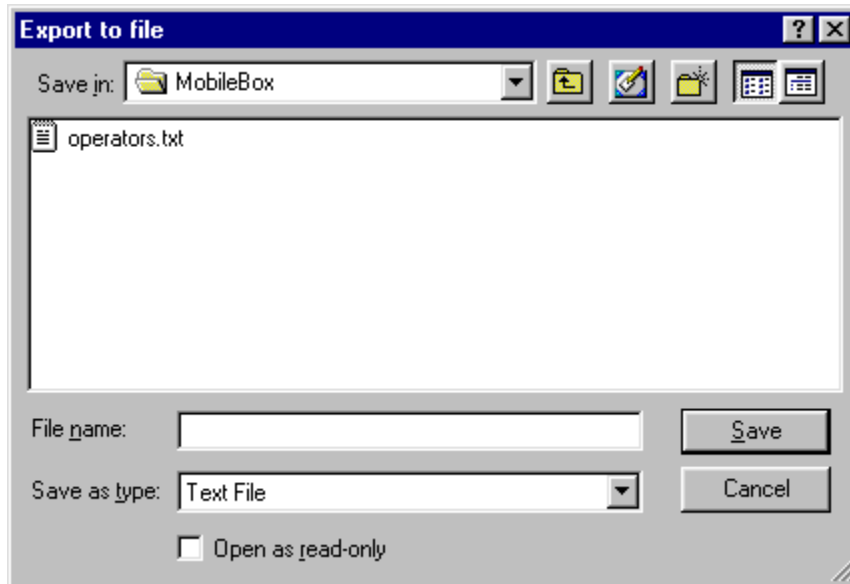|	
Salutation	
First Name*	Cynthia	Last Name	
Title	
Mobile Number*	60000001
Email	
Contact Number		Extension	
Fax Number	

Update

Cancel

1. Double-click on a record in the address list, or select a reacord from the address list and click Edit.

2. Contact - Enter all relevant fields.   Mobile Phone Number and First Name are mandatory.   All other fields are optional.

3. Company - Enter company detail.   All fields are optional.

4. Group - click Add New to select one or more groups to associate this record with.   Click Delete Selected to remove selected groups.

5. Others - All fields are optional.

6. Click Update to write entry to Address Book.   Click Cancel to abort.

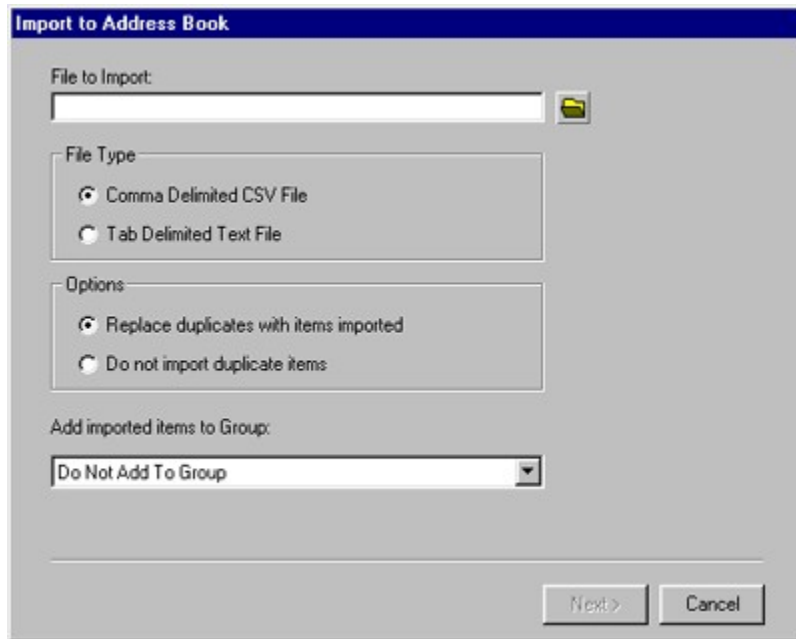# Export Address Book Record to SIM Card
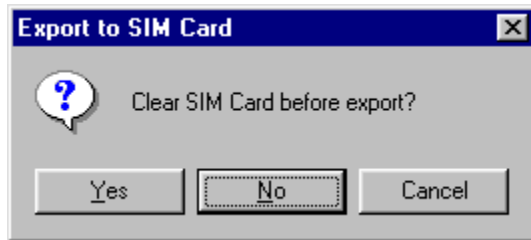
1. Select entries to export from the Address List.

2. Click Export to SIM.

3. Click Yes to remove all entries from SIM Card before export.   Click No to append selected entries to SIM Card.   Click Cancel to abort.

Export Address Book Record To File

Export to file

Save in: MobileBox

operators.txt

File name:

Save as type: Text File

☐ Open as read-only

Save

Cancel

1. Select entries to export from the Address List.

2. Click Export to File.

3. Enter the file to export to, or select an existing file.

4. Click Save to continue.

Import Address Book Record From File

1. Click Import From File.
2. Click   to select a file to import.
3. Select import file type.
4. Choose whether to replace duplicate items or to drop duplicate items.
5. Select the desired Group from the Group list to add the imported Addresses to.
6. Click Next to continue.   Click Cancel to abort.

Import to Address Book

Drag a field into the right box to map. Drag a field to the left box to unmap.

From fields (File to import):

Value
Title
First Name
Middle Name
Last Name
Suffix
Company
Department
Job Title
Business Street
Business Street 2
Business Street 3
Business City
Business State
Business Postal Code

To fields (Address Book):

Field	Mapped From
Salutation	
First Name	First Name
Last Name	
Mobile Number	Mobile Phone
Email	
Street Address	
Postal Code	
Contact Number	
Extension	
Fax Number	
Company Name	
Department	
Job Title	
Remark	

☑ Ignore first record. Uncheck this box if the information shown in the 'From fields' is not a column header.

< Previous   Import   Cancel

7. Click Prev to return to the previous screen.
8. The box on the left contains fields of the File to Import and the box on the right contains fields of the Address Book.   Map fields by dragging each field from the left box to the right box.   To un-map fields, drag the field from the right box to the left box.
9. Uncheck 'Ignore first record' if the left box contains data information instead of column headings of the File to Import.
10. Click Import to start the import process; or click Cancel to abort.

Delete Address Book Record

1. Select entries to export from the Address List.

2. Click Delete Selected

Add New Group

1. Right-click on Groups.

2. Select New Group from the popup menu.

3. Enter Group Name.

4. Click OK to create new group.   Click Cancel to abort

Rename Group

1. Right-click on a group.

2. Select Rename Group from the popup menu.

3. Enter edit the group name and press Enter.

Delete Group

1. Right-click on a group.

2. Select Delete Group from the popup menu.

3. Click Yes to confirm.   Click No to abort.   Address Book records will not be deleted.

Add Address Book Record To Group

Address List

Name	Number	
☐ Cynthia	60000001	

Add Selected
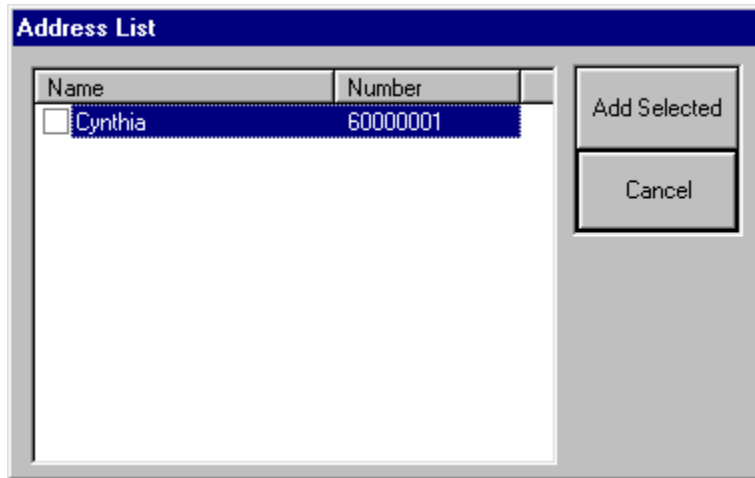
Cancel

1. Click Add Member.

2. Select the desired Address to add.   Addresses that already belong to the selected group will not appear in this list.

3. Click Add Selected to continue.   Click Cancel to abort.

Remove Address Book Record From Group

1. Select record from the Address List (refer to Figure 6.1).

2. Click Delete Selected.

3. Click Yes to delete the selected records from the group and the Address Book.   Click No to delete the selected records from the group without deleting any record from the Address Book.   Click Cancel to abort.

Add New Inbox Folder

1. Right-click on Inbox.

2. Select New Folder from the popup menu.

3. Enter Folder Name.

4. Click OK to create new folder.   Click Cancel to abort.

Rename Inbox Folder

1. Right-click on a folder.

2. Select Rename Folder from the popup menu.

3. Enter edit the Folder Name and press Enter.

Delete Inbox Folder

1. Right-click on a folder.

2. Select Delete Folder from the popup menu.

3. Click Yes to confirm.   Click No to abort.   Take note that all messages in the selected folder will also be deleted.

View Incoming Message

1. Click on a message in the Message List.   The message will be displayed in the message box at the bottom of the screen.

2. Alternatively, double-click on a message to bring up the message detail screen.

3. Text Messages, Operator Logos and Picture Messages will be displayed on screen.   If the selected message is a Ring Tone, click on to listen to the Ring Tone.

Delete Incoming Messages from Inbox

1. Select message from Message List.

2. Click Delete Selected.

3. Click Yes to confirm.   Click No to abort.

Reply to Incoming Message

1. Select a message from Message List.

2. Click Reply.   This will pop up the Send SMS screen.   The Addressee field will contain the Sender of the currently selected message.   Compose message and click Send (refer to Sending Messages for more detail).

Forward a Incoming Message

1. This function only works with Text Messages.

2. Select a message from Message List.

3. Click Forward.   This will pop up the Send SMS screen.   The Message Type will be switched to Text and Message Box filled with the text of the currently selected message.   Enter Addressee number and click Send (refer to Sending Messages for more detail).

Pause Outbox

1. Click System menu, Pause Outbox.

2. To reactivate Outbox, click System menu, Activate Outbox.

Delete Message from Outbox

1. Select message from the Message List.

2. Click Delete Selected.

3. Click Yes to confirm.   Click No to abort.   The deleted message will not be moved to the Sent Items folder.

Add New Sent Items Folder

1. Right-click on Sent Items.

2. Select New Folder from the popup menu.

3. Enter Folder Name.

4. Click OK to create new folder.   Click Cancel to abort.

Rename Sent Items Folder

1. Right-click on a folder.

2. Select Rename Folder from the popup menu.

3. Edit the Folder Name and press Enter.

Delete Sent Items Folder

1. Right-click on a folder.

2. Select Delete Folder from the popup menu.

3. Click Yes to confirm.   Click No to abort.   Take note that all messages in the selected folder will also be deleted

View Outgoing Message

1. Click on a message in the Message List.   The message will be displayed in the message box at the bottom of the screen.

2. Alternatively, double-click on a message to bring up the message detail screen.

3. Text Messages, Operator Logos and Picture Messages will be displayed on screen.   If the selected message is a Ring Tone, click on to listen to the Ring Tone.

Delete Outgoing Messages from Sent Items

1. Select message from the Message List.

2. Click Delete Selected.

3. Click Yes to confirm.   Click No to abort.

Send Canned Message

1. Select Canned Text for the Message Type option.

2. Select the desired text from the drop down list.
    a. <u>Add New Canned Message</u>
    b. <u>Edit Canned Message</u>
    c. <u>Delete Canned Message</u>

3. Set the Date and Time to send out the message.

4. Select Mobile Numbers to send message to.
    a. <u>Use Address Book</u>
    b. <u>Use File</u>
    c. <u>Enter Numbers</u>

5. Click Send to send the message.

Send Text Message

1. Select Text for the Message Type option.

2. Enter message text into the message box.
   Click Insert Field to insert <u>Mail Merge Fields</u>.

3. Set the Date and Time to send out the message.

4. Select Mobile Numbers to send message to.
   a. <u>Use Address Book</u>
   b. <u>Use File</u>
   c. <u>Enter Numbers</u>

5. Click Send to send the message.

Send Operator Logo

1. Select Logo for the Message Type option.

2. Click Select to select an Operator Logo File.
   a. Click Edit to make changes to the selected picture.
   b. To compose a new Operator Logo, click Edit without first selecting a picture file.

3. Set the Date and Time to send out the message.

4. Select Mobile Numbers to send message to.
   a. Use Address Book
   b. Use File
   c. Enter Numbers

5. Click Send to send the message.

Note 1:   Selecting a wrong Operator Code will result in the Default Operator Logo being updated to the mobile phone of the addressee.

Note 2:   The replaced Operator Logo cannot be recovered.

Send Picture Message

1. Select Picture for the Message Type option.

2. Enter message into the message box.

3. Click Select to select a Picture File.
   a. Click Edit to make changes to the selected picture.
   b. To compose a new Picture, click Edit without first selecting a picture file.

4. Set the Date and Time to send out the message.

5. Select Mobile Numbers to send message to.
   a. Use Address Book
   b. Use File
   c. Enter Numbers

6. Click Send to send the message.

Send Ring Tone

1. Select Ring Tone for the Message Type option.

2. Click Select Ring Tone to select a Ring Tone File.
   Click Play to listen to the selected Ring Tone.

3. Set the Date and Time to send out the message.

4. Select Mobile Numbers to send message to.
   a. Use Address Book
   b. Use File
   c. Enter Numbers

5. Click Send to send the message.

Mail Merge

Use the following format for Mail Merge:

▸   {sa} - Salutation

▸   {fn} - First Name

▸   {ln} - Last Name

▸   {mn} - Mobile Phone Number

▸   {co} - Company Name

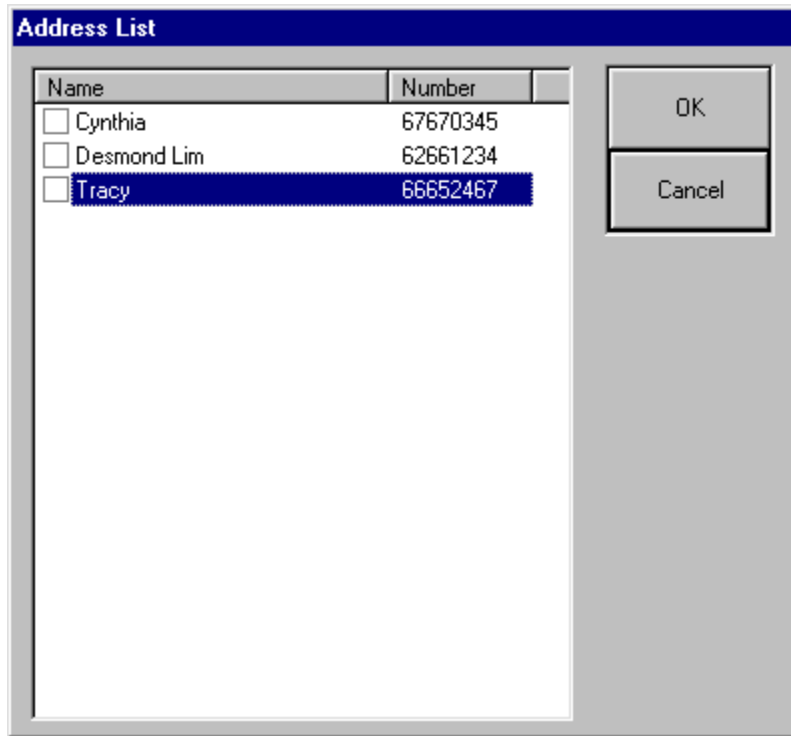▸   {f1} - Custom Field 1

▸   {f2} - Custom Field 2

▸   {f3} - Custom Field 3

Example: Hello {sa} {fn}, this is to confirm that your company is {co}.

▸
▸
▸ ***Note:*** *There is no way for the program to determine the length of every Mail Merge fields.   Some messages may be truncated after Mail Merge because of the 160 characters limit of SMS Messages.*
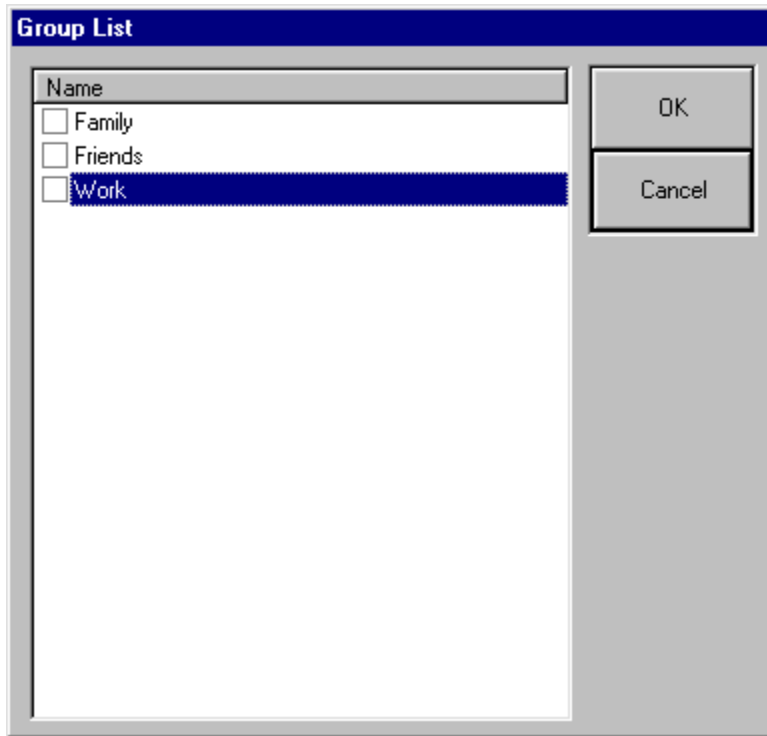
Select Addresses

Address List		
Name	**Number**	
☐ Cynthia	67670345	
☐ Desmond Lim	62661234	
☐ Tracy	66652467	

OK

Cancel

Select Addresses

1. Selected desired Addresses.

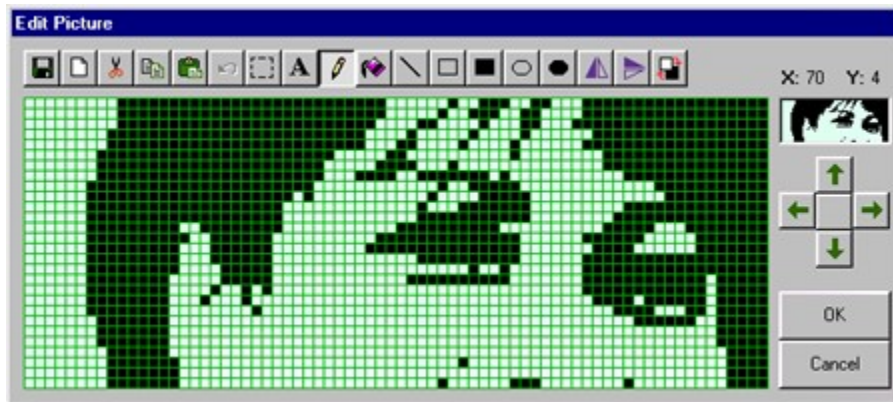2. Click OK to continue.   Click Cancel to abort.

Select Groups

Select Groups

1. Selected desired groups.

2. Click OK to continue.   Click Cancel to abort.

Edit Picture

Tool Icons

 Save to File - Save the picture to a bitmap file.

 Clear All - Clear the picture area to start editing a new picture.

 Cut - Cut the selected area to clipboard.

 Copy - Copy the selected area to clipboard.

 Paste - Paste image from clipboard to the edit area.   This function can be used to copy image from another program.

 Undo - Roll back one step.   Allowed to rollback maximum of 10 steps.

⬚ Select - select an area to Cut, Copy or Flip.

A Text - To enter text.

✏ Draw - Left Click to draw one dot; Right Click to erase one dot; Hold the Left Mouse Button to draw continuously; Hold the Right Mouse Button to erase continuously.

🖌 Paint - Left Click to fill area with foreground colour; Right Click to fill area with background colour (erase).

╲ Line - Left Click to draw line using foreground colour; Right Click to draw line using backgound colour (erase).

▢ Box - Hold Left Mouse Button and drag to create an empty box using foreground colour; Hold Right Mouse Button and drag to create an empty box using backgound colour.

■ Filled Box - Hold Left Mouse Button and drag to create a filled box using foreground colour; Hold Right Mouse Button and drag to create a filled box using backgound colour.

○ Circle - Hold Left Mouse Button and drag to create an empty circle using foreground colour; Hold Right Mouse Button and drag to create an empty circle using backgound colour.

● Circle - Hold Left Mouse Button and drag to create a filled circle using foreground colour; Hold Right Mouse Button and drag to create a filled circle using backgound colour.

Flip Selection Horizontally - Use the Select tool to select an area, then click this button to flip the selected area horizontally.

Flip Selection Vertically - Use the Select tool to select an area, then click this button to flip the selected area vertically.

Inverse - to inverse the whole picture i.e. change foreground colour to background colour and change background colour to foreground colour.

When this option is selected, clicking on the Paste Button will merge the image in the clipboard with the edit area.

When this option is selected, clicking on the Paste Button will overlay the image in the clipboard with the edit area.

Shift the whole image 1 dot left.

Shift the whole image 1 dot right.

Shift the whole image 1 dot up.

Shift the whole image 1 dot down.

Short-cut Keys

Ctrl+Z to Undo

Ctrl+X to Cut

Ctrl+C to Copy

Ctrl+V to Paste

Left Arrow to Shift Left

Right Arrow to Shift Right

Up Arrow to Shift Up

Down Arrow to Shift Down

Use Address Book

1   Click Use Address Book.

2   Click Addresses to pick Addressee from the Address List.

3   Click Groups to pick Addressee from the Group List.
      Take note that if a selected Addressee also belongs to a selected group, duplicate message will be
sent.

4   The status box will show the total number of Addresses selected and the total number of Groups
selected.

Use File
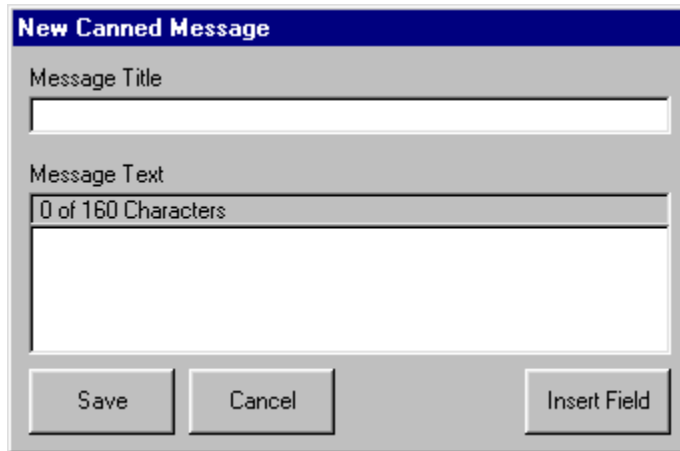
1. Click Use File.

2. Click Select File to select the text file that contains the list of addressee to send the message to.
   The file should contain one Mobile Number per line.
   The text file can be created/edited using a text editor e.g. Notepad.

3. The status box will show the selected file.

Enter Numbers

1. Click Enter Numbers.

2. Enter each Mobile Number separated by comma.
   Virtually there is no limit to the number of entries.
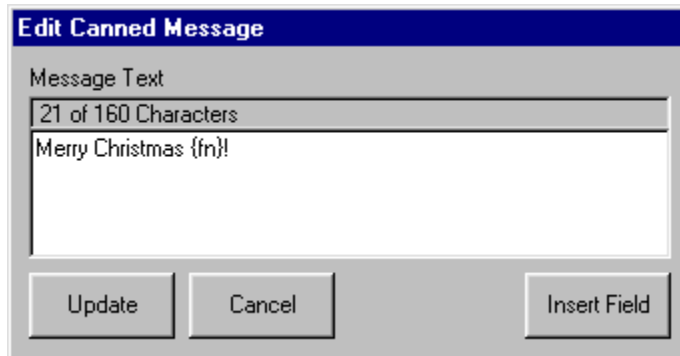
Add New Canned Message

1.   Enter Message Tile.

2.   Enter Message Text (maximum 160 characters).
     Click Insert Field to insert Mail Merge Fields where appropriate.

3.   Then Click Save to save the new canned message.

Edit Canned Message

```
┌─────────────────────────────────────────────────┐
│ Edit Canned Message                             │
├─────────────────────────────────────────────────┤
│ Message Text                                     │
│ ┌─────────────────────────────────────────────┐ │
│ │ 21 of 160 Characters                        │ │
│ ├─────────────────────────────────────────────┤ │
│ │ Merry Christmas {fn}!                       │ │
│ │                                             │ │
│ │                                             │ │
│ │                                             │ │
│ └─────────────────────────────────────────────┘ │
│  ┌──────────┐  ┌──────────┐    ┌─────────────┐  │
│  │  Update  │  │  Cancel  │    │ Insert Field│  │
│  └──────────┘  └──────────┘    └─────────────┘  │
└─────────────────────────────────────────────────┘
```

1. Enter Message Text (maximum 160 characters).
   Click Insert Field to insert <u>Mail Merge Fields</u> where appropriate.

2. Click Update to save changes.

Delete Canned Message

1. Select the desired Canned Message from the drop down list.

2. Click Delete to remove the selected Canned Message from the drop down list.

Edit Picture/Operator Logo

▶

Tool Icons

▶   Save the picture to a bitmap file.

▶   Clear the picture area to start editing a new picture.

▶   Cut the selected area to clipboard.

▶   Copy the selected area to clipboard.

▶   Paste image from clipboard to the edit area.
        This function can be used to copy image from another program.

▶   Roll back one step.   Allowed to rollback maximum of 10 steps.

▶   Select an area to Cut, Copy or Flip.

▶   To enter text.

▶   Left Click to draw one dot;
        Right Click to erase one dot;
        Hold the Left Mouse Button to draw continuously;
        Hold the Right Mouse Button to erase continuously.

▶   Left Click to fill area with foreground colour;
        Right Click to fill area with background colour (erase).

▶   Left Click to draw line using foreground colour;
        Right Click to draw line using background colour (erase).

▶   Hold Left Mouse Button and drag to create an empty box using foreground colour;
        Hold Right Mouse Button and drag to create an empty box using background colour.

▶   Hold Left Mouse Button and drag to create a filled box using foreground colour;
        Hold Right Mouse Button and drag to create a filled box using background colour.

▶   Hold Left Mouse Button and drag to create an empty circle using foreground colour;

Hold Right Mouse Button and drag to create an empty circle using background colour.

▶   Hold Left Mouse Button and drag to create a filled circle using foreground colour;
         Hold Right Mouse Button and drag to create a filled circle using background colour.

▶   Select an area and click this button to flip the selected area horizontally.

▶   Select an area and click this button to flip the selected area vertically.

▶   To inverse the whole picture.

▶   Toggle Paste to merge/overlay mode.

←   Shift the whole image 1 dot left.

▶   Shift the whole image 1 dot right.

▶   Shift the whole image 1 dot up.

↓   Shift the whole image 1 dot down.

Short-cut Keys

Ctrl+Z   - Undo 1 step
Ctrl+X   - Cut selection to clipboard
Ctrl+C   - Copy selection to clipboard
Ctrl+V   - Paste from clipboard
Left Arrow   - Shift Left 1 dot
Right Arrow   - Shift Right 1 dot
Up Arrow   - Shift Up 1 dot
Down Arrow   - Shift Down 1 dot

Remote Sending

SMS can be sent to a selected group defined in the Address Book.   Refer to <u>Settings</u> to set up the remote sending feature.

To send a SMS a selected group:

1.   Construct a SMS Message in the mobile phone with the format #GP<group name>, <message>

2.   Send the message to the mobile number of the SIM Card in the GSM Modem for MobileBox.

Example SMS: #GPWork,Testing 123

The example SMS above will send message "Testing 123" to the Group "Work".   #GP is the command for Remote Sending to Group.

Remote Retrieving

Query Number of Unread Messages

1. Construct a SMS Message in the mobile phone with the format #NU.

2. Send the message to the mobile number of the SIM Card in the GSM Modem for MobileBox.

Retrieve first unread message from the Inbox

1. Construct a SMS Message in the mobile phone with the format #RU.

2. Send the message to the mobile number of the SIM Card in the GSM Modem for MobileBox.

Retrieve fist n unread messages from the Inbox

1. Construct a SMS Message in the mobile phone with the format #RU,n.
   e.g. #RU,5 to retrieve the first 5 unread messages.

2. Send the message to the mobile number of the SIM Card in the GSM Modem for MobileBox.

Send SMS from Command Line

Execute C:\Program Files\MobileBox\SendSMS.exe with parameters "<MobileNumber>" "<message>" "<date/time>"

<MobileNumber>   The addressee.   Only one number allowed at a time.

<message>   Text message.   Maximum 160 characters.

<date/time>   Date and time to send out the message.
(DD/MM/YYYY HH:MM:SS)
This parameter is optional.

e.g. C:\Program Files\MobileBox\SendSMS.exe "97654321" "Happy New Year" "30/01/2003 00:00:01"
This will send the message "Happy New Year" to the mobile number 97654321 on the first second of 1st January 2003.

Send SMS From Network Through HTTP

MobileBox has a built-in HTTP Server that accepts Send SMS requests through the HTTP protocol. Refer to Settings for instruction on setting up the HTTP Service.

Using the Web Interface

1. If your know the IP Address of the Computer that MobileBox is running

    Enter the IP Address and Port Number of the MobileBox Computer
    in your Browser's Address Bar and press ENTER.
    e.g. "http://10.10.10.88:8010"

2. If you know the Host Name of the Computer that MobileBox is running

    Enter the Host Name and Port Number of the MobileBox Computer
    in your Browser's Address Bar and press ENTER.
    e.g. "http://mycomputer:8010"

3   If the connection is successful, MobileBox should return a Web Form for Sending SMS.

    a. Fill in the Mobile Phone Number and Message Text.
        The Schedule Field is optional.

    b. Click the Send Button.

Using Direct HTTP POST or HTTP GET

1. If your know the IP Address of the Computer that MobileBox is running

    Use the IP Address and Port Number of the MobileBox Computer
    in your HTTP POST or GET URL.

    e.g. "http://10.10.10.88:8010/sendsms.htm
        ?mPhoneNo=91234567
        &mMessage=Testing+123
        &mOutDate=04%2F06%2F2002+20%3A30"

    This example is broken down for readability.
    The actual URL should be in a single continuous line without space.

2. If you know the Host Name of the Computer that MobileBox is running

   Use the Host Name and Port Number of the MobileBox Computer
   in your HTTP POST or GET URL.

   e.g. "http://mycomputer:8010/sendsms.htm
      ?mPhoneNo=91234567
      &mMessage=Testing+123
      &mOutDate=04%2F06%2F2002+20%3A30"

   This example is broken down for readability.
   The actual URL should be in a single continuous line without space.

3. The mOutDate field is optional.   All fields should me URL-encoded.

Customising The Web Interface

All the HTML files are stored in "C:\Program Files\MobileBox\www".   These files can be edited to customise the Web Form and Messages.   Remember to backup the files before editing.

fail.htm   Send SMS un-successful

full.htm   Exceeded maximum number of client connections.
                    Maximum 50 concurrent client connections.

index.htm   The Web Form for Sending SMS.

notfound.htm   Unable to locate the requested HTML file.

success.htm   Send SMS successful.

User Password

Change User Password

New User Password [   ]

Confirm Password [   ]

OK   Cancel

To change User Password:

1.   Login with the Admin Password.   The default Admin Password is 1234.

2.   Enter the New User Password twice for confirmation and click OK.

3.   To disable the User Password, clear both password fields and click OK.

When the User Password is set, access to the program will be restricted in the following manner:

1. User needs to Login when the program starts,

2. User needs to Login when re-activating the program from the System Tray.

Admin Password

To change the Admin Password:

1.	Login with the current Admin Password.	The default password is 1234.

2.	Enter the New Admin Password twice for confirmation and click OK.

Mail Merge Fields

Use the following format for Mail Merge:

{sa}   Salutation
{fn}   First Name
{ln}   Last Name
{mn}   Mobile Phone Number
{co}   Company Name
{f1}   Custom Field 1
{f2}   Custom Field 2
{f3}   Custom Field 3

Example: Hello {sa} {fn}, this is to confirm that your company is {co}.

Note: There is no way for the program to determine the length of every Mail Merge fields.   Some messages may be truncated after Mail Merge because of the 160 characters limit of SMS Messages.

Address Book Record Format

Address Book records contain the following fields:

Field Name	Field Size	
Salutation	20	
First Name	255	
Last Name	255	
Mobile Number	20	
Email	255	
Street Address	255	
Postal Code	20	
Contact Number		20
Extension	20	
Fax Number	20	
Company Name		255
Department	255	
Title	255	
Remark	255	
Custom Field 1	255	
Custom Field 2	255	
Custom Field 3	255	