

# **Personalised SMPP Client**

Personalised SMPP Client  
User Manual  
Version: 1.1

# Personalised SMPP Client

## Table of Contents

Sr. No.	Topics	Page No.
1	Introduction	3
2	Requirements	4
3	Installation	5
4	Post – Installation	6
5	Using Desktop Client	7
5.1	Single Message	10
5.2	Quick Message	12
5.3	Bulk Message	13
5.4	Personalised Message	16
5.5	Address Book	24
5.5.1	Groups	25
5.5.2	Distribution Lists	31
5.6	Group Message	33
5.7	Delivery Reports	34
5.8	Sending a Unicode Message	36
5.9	Credit Details	37
5.10	Proxy Setting	38
5.11	Help	39

# Personalised SMPP Client

## Introduction

The Personalised SMPP Client is an application that runs on a client computer and connects to an **SMPP\*** Server. This application enables you to send messages and receive Delivery Reports. Apart from the send/receive provisions you can manage your contacts with the Desktop Client using the **AddressBook** feature.

The **AddressBook** allows you to create new **Groups** and add/upload contacts to a group. It also allows the creation and modification of **Distribution Lists**. Distribution Lists contain only numbers as opposed to groups which contain contacts that have a name and a number. Using the Desktop SMPPClient a user can also check his **CreditDetails** online. CreditDetails show the user details like the initial credit allotted to him, the credit used by the user till date and the balance left.

The next section discusses certain technical details about the application and its working environment so as to understand the requirements of the application and also to appreciate them. One does not need to read this section to use this application. But if you have a few questions as to why the application behaves the way it does, the next section might just answer them. Those who do not want to get into much technical detail can feel free to skip the next section.

# Personalised SMPP Client

## Requirements

### Protocols and Network connection

The application works on the Short-Message-Peer-To-Peer (SMPP) Protocol. SMPP Protocol allows an ESME (External Short Messaging Entity) to communicate with a SMSC (Short Message Service Centre). The SMPP Protocol defines PDUs (Protocol Data Units) for the entities to communicate with each other. The SMPPClient acting as an ESME sends PDUs to the SMPP Server or SMSC to connect, send messages, disconnect, receive delivery reports of send messages etc. During sending a batch of messages the application needs to be connected to the server all the time. If it disconnects in-between then the sending might stop immediately and to start again the user might have to enter all the parameters again. The application even needs to send and receive PDUs just to stay connected to the server. And a non-active Internet connection, or a connection that keeps dropping, might pose problems in the proper functioning of the application.

In such regard one of the core requirements for the application to work appropriately is an active Internet connection at all times.

### Operating Systems

#### Windows

The application runs on Microsoft Windows XP. (Other editions not tested).

#### Other Systems

The application also runs on Linux-based systems but is not thoroughly tested on such systems. Also User Interface generated on such systems might be inappropriate. No support or help would be available for running the application on such systems. Also no guarantees and assurances about the proper working of the application on these systems would be offered.

### Runtime Environment

The application would require Java Runtime Environment 1.6.0. to be installed on your system. But incase you don't have this software installed on your system or have a lower version of it; the application will download and install the software for you.

**Note:** For download and installation you would require an active network connection.

# Personalised SMPP Client

## Installation

After downloading the application executable (.exe) file, double click it to start the installation. Once the installation begins you just need to enter appropriate inputs as the installation proceeds. After the installation has successfully completed it will show you a dialog about successful installation of the software and would ask you whether you like to launch the application immediately. Tick the check box named 'Launch the application' if you intend to use it right away or if you want to use it at a later time you can uncheck the check-box.

# Personalised SMPP Client

## Post Installation

The installer will register short-cuts in three places on your desktop

1. Under the Programs Menu.
2. Top of Start Menu.
3. On your Desktop.

You can use any of these shortcuts to start the application at a later time.

## First Run

When you run the application for the first time after installation, the application will install the Java Runtime Environment (JRE) if you do not already have it and if you have downloaded the JRE Embedded pack. As stated in the requirements section this is one of the must requirements that the application cannot run without. The application will inform you before installing the JRE through a dialog. If you have a non-JRE Embedded pack it will redirect you to the page where you could find the latest JRE.

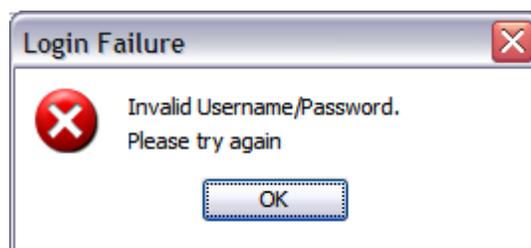
# Personalised SMPP Client

## Using Desktop Client

Once you have installed the application on your desktop you can start using it right away. Just double-click the desktop short-cut or select the application from under the programs menu. This will start the application and you will see a login screen similar to this:



Enter the Username/Password and then click **OK** to proceed to the application. If you get a dialog saying Invalid Username/Password check and re-enter your Username and Password. If you continue getting this message contact your business manager.



Once you have entered all the login details you can start using the application. The first screen you will see is

# Personalised SMPP Client

The screenshot displays the 'SendSMS' tab of the 'Personalised SMPP Client' application. The interface includes a top navigation bar with tabs for 'SendSMS', 'AddressBook', 'Delivery Reports', 'Unicode Converter', 'Credit Details', 'Proxy Settings', and 'Help'. Below this, there are three buttons for 'Single', 'Bulk', and 'Group' message types. The 'Single' button is currently selected. The main form area contains input fields for 'Mobile No.', 'Sender ID', and a large 'Message' text area. To the right of the 'Message' field is a 'Message Type' section with four radio buttons: 'Text' (selected), 'Flash', 'Unicode', and 'Unicode Flash'. At the bottom of the form, there is a character count '160 Characters Remaining' and buttons for 'Save Message', 'Clear Message', 'Import Message Template', 'Send', and 'Reset'.

There is one main panel that allows you to access the different features of the application. On the main panel you can see various tabs allowing you access to those features of the application. The current selection or the default tab is for send messages.

# Personalised SMPP Client

## SendSMS Panel

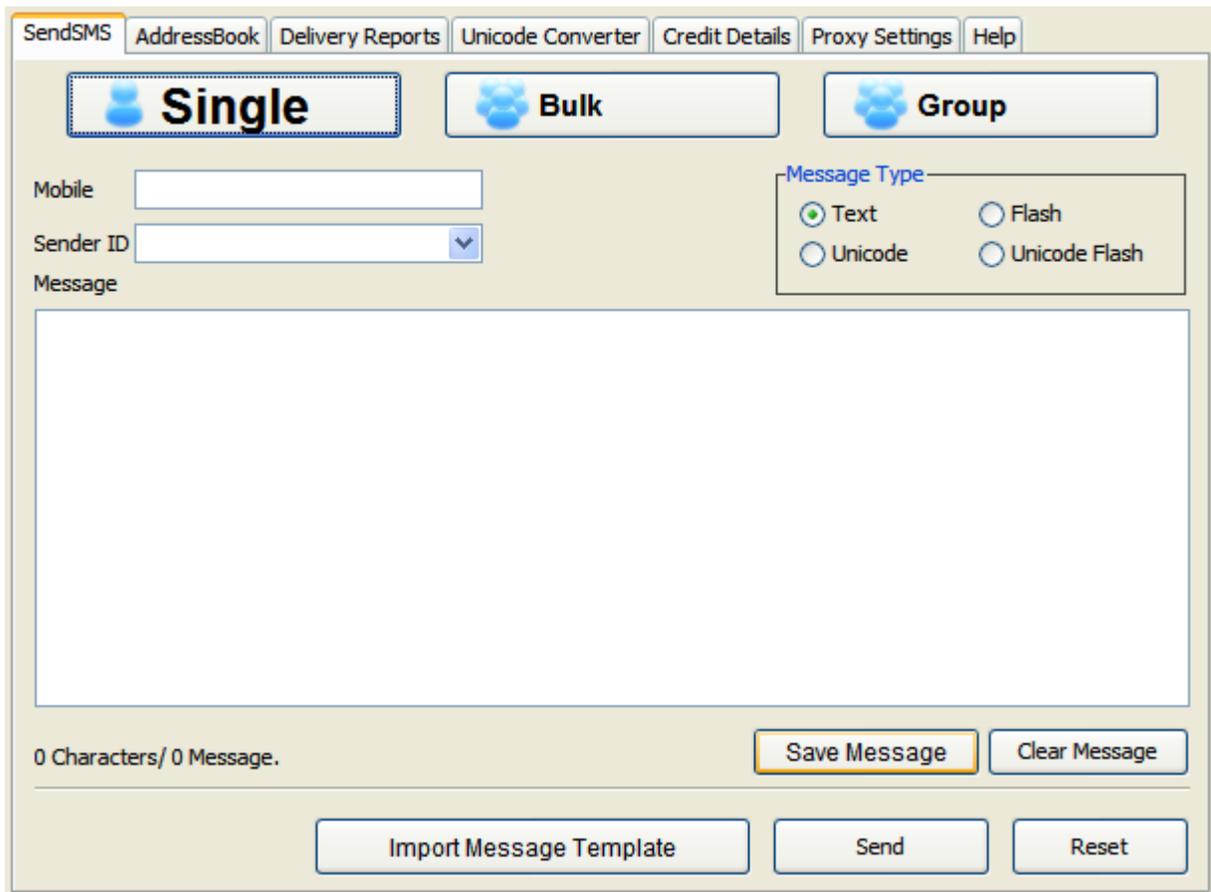
Here you can select whether to send a single, Bulk or a Group Message. To send message through either of the message sending options click on the corresponding button, and enter the parameters for that type of message. You can cut and paste text in the message box. Once you have written a message but you wish to send the message at any other time then you can save the message.

The screenshot shows the 'SendSMS Panel' interface. At the top, there is a menu bar with the following items: SendSMS, AddressBook, Delivery Reports, Unicode Converter, Credit Details, Proxy Settings, and Help. Below the menu bar, there are three buttons for selecting the message type: 'Single' (selected), 'Bulk', and 'Group'. Each button has a corresponding icon (a person for Single, a group of people for Bulk and Group). Below the buttons, there are input fields for 'Mobile' and 'Sender ID'. To the right of these fields is a 'Message Type' section with four radio buttons: 'Text' (selected), 'Flash', 'Unicode', and 'Unicode Flash'. Below the input fields and message type section is a large text area for entering the message. At the bottom left of the text area, it says '0 Characters/ 0 Message.'. To the right of the text area are two buttons: 'Save Message' and 'Clear Message'. At the very bottom of the interface are three buttons: 'Import Message Template', 'Send', and 'Reset'.

# Personalised SMPP Client

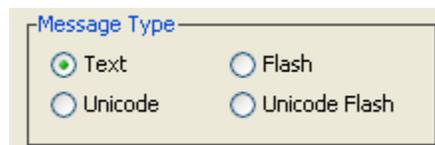
## Single Message

To send a single message click on the Single button and you can see the single options as below:



The screenshot shows the 'Single' message configuration panel in the Personalised SMPP Client. The interface includes a menu bar with 'SendSMS', 'AddressBook', 'Delivery Reports', 'Unicode Converter', 'Credit Details', 'Proxy Settings', and 'Help'. Below the menu, there are three buttons: 'Single' (highlighted with a dashed border), 'Bulk', and 'Group'. The 'Single' panel contains a 'Mobile' text input field, a 'Sender ID' dropdown menu, and a large 'Message' text area. To the right, the 'Message Type' section has four radio button options: 'Text' (selected), 'Flash', 'Unicode', and 'Unicode Flash'. At the bottom, there is a character count '0 Characters/ 0 Message.', a 'Save Message' button, a 'Clear Message' button, and three buttons: 'Import Message Template', 'Send', and 'Reset'.

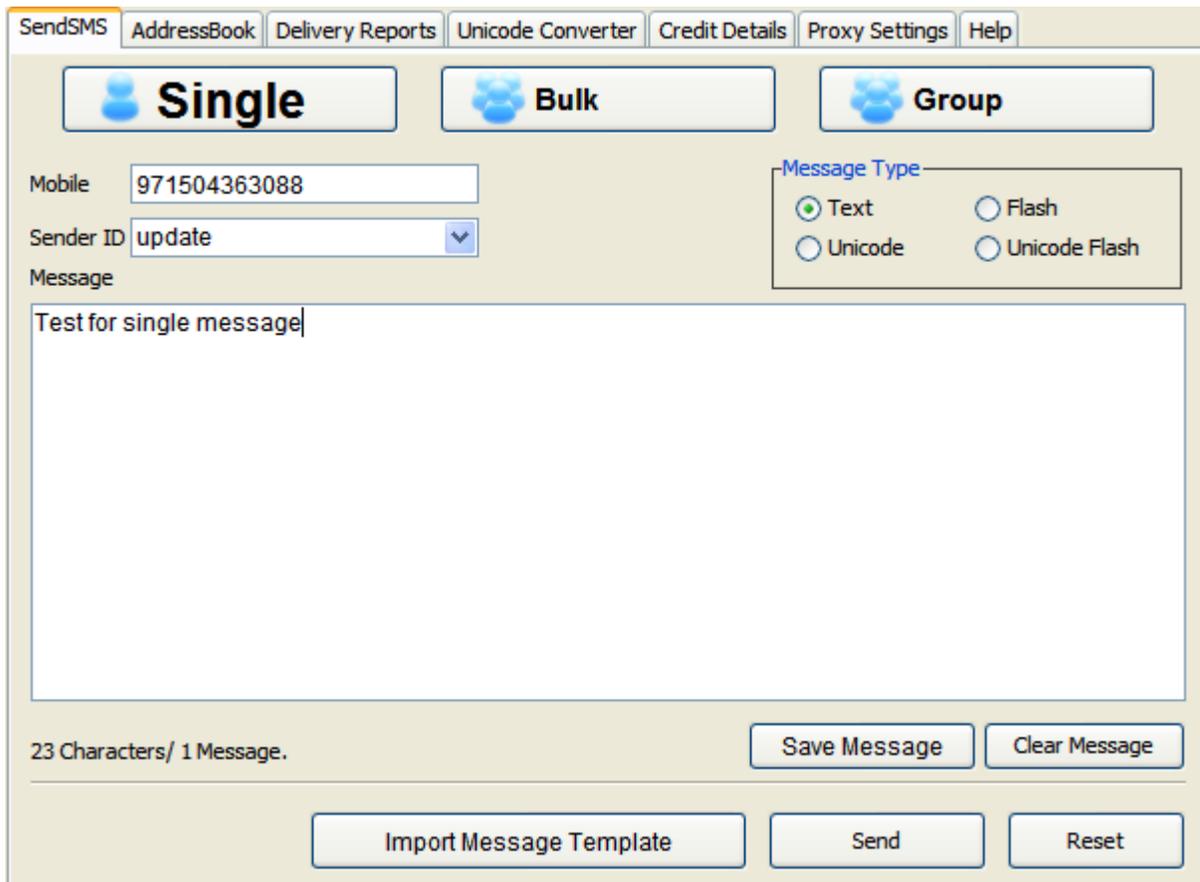
Enter the details for the message according to the guidelines as shown below.



This panel shows the 'Message Type' selection options. It includes four radio buttons: 'Text' (selected), 'Flash', 'Unicode', and 'Unicode Flash'.

This panel allows you to set the type of the message. Set it to of your current message.  
**NOTE: The sender ID should not be longer than 11 characters if the sender is alphanumeric.**

# Personalised SMPP Client



The screenshot shows the 'SendSMS' window of the Personalised SMPP Client. It features a menu bar with 'SendSMS', 'AddressBook', 'Delivery Reports', 'Unicode Converter', 'Credit Details', 'Proxy Settings', and 'Help'. Below the menu are three buttons: 'Single' (selected), 'Bulk', and 'Group'. The 'Mobile' field contains '971504363088' and the 'Sender ID' dropdown is set to 'update'. The 'Message Type' section has radio buttons for 'Text' (selected), 'Flash', 'Unicode', and 'Unicode Flash'. A large text area contains 'Test for single message|'. At the bottom, there are buttons for 'Save Message', 'Clear Message', 'Import Message Template', 'Send', and 'Reset'. A status bar at the bottom left indicates '23 Characters/ 1 Message.'

If you wish to send the message any other time then you can just save the message content in a (.txt) file by clicking the "Save Message" button which will open a save file dialog to save the message into (.txt) file where ever you want to save the file and import the same message from the file and use the content for sending. Click **Send** to send the message.



You will get a success message if the message is sent successfully.

# Personalised SMPP Client

## Quick Message

Quick Message feature allows you to send message to maximum of 10 destinations. For this you need to write a mobile numbers with comma (,) separated. When you are done click **Send** to send the messages to maximum of 10 destinations.

The screenshot shows the 'Quick Message' interface of the Personalised SMPP Client. At the top, there is a navigation bar with tabs: 'SendSMS' (highlighted), 'AddressBook', 'Delivery Reports', 'Unicode Converter', 'Credit Details', 'Proxy Settings', and 'Help'. Below the navigation bar are three buttons: 'Single' (selected), 'Bulk', and 'Group'. The 'Single' button is highlighted with a blue border and a person icon. The 'Bulk' button has a group of people icon, and the 'Group' button has a group of people icon. Below these buttons are three input fields: 'Mobile' with the value '971504363088,8974562314', 'Sender ID' with a dropdown menu showing 'update', and 'Message' with a text area containing 'Test for quick message'. To the right of the 'Message' field is a 'Message Type' section with four radio buttons: 'Text' (selected), 'Flash', 'Unicode', and 'Unicode Flash'. Below the 'Message' field is a status bar showing '22 Characters/ 1 Message.'. At the bottom of the interface are four buttons: 'Import Message Template', 'Send', 'Reset', and 'Clear Message' (located to the right of 'Save Message').

# Personalised SMPP Client

## Bulk Message

Bulk Message feature allows you to send a message to multiple destinations. For this you need to create a file containing all the destinations (mobile numbers) with each destination on a new line. Once you have created such a file save it with a .txt (text) extension (else the application won't allow you to select the file through the interface). When you are done select the **Bulk** message option so you see the bulk messaging options.

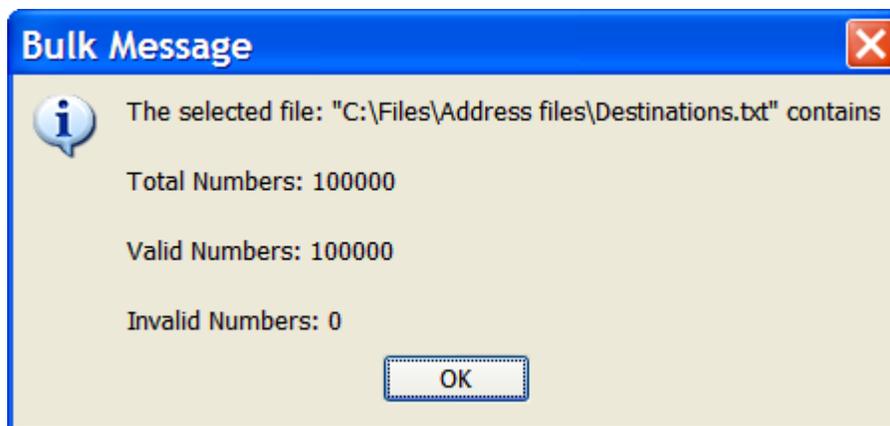
On the bulk message menu click the button to select file. It will open a file selecting dialog, select the file that you saved and set the other parameters accordingly. Once you have selected the file, click on the Check File button. Bulk Message dialog will appear which displays the information regarding filename, Total Numbers, Valid Numbers and Invalid Numbers.

Total Numbers: Total numbers displays the total number of destinations number.

Valid Numbers: Length of the number should be less than or equal to 14 digits and plus (+) sign before the number is optional.

Invalid numbers: This will displays the total number of invalid numbers.

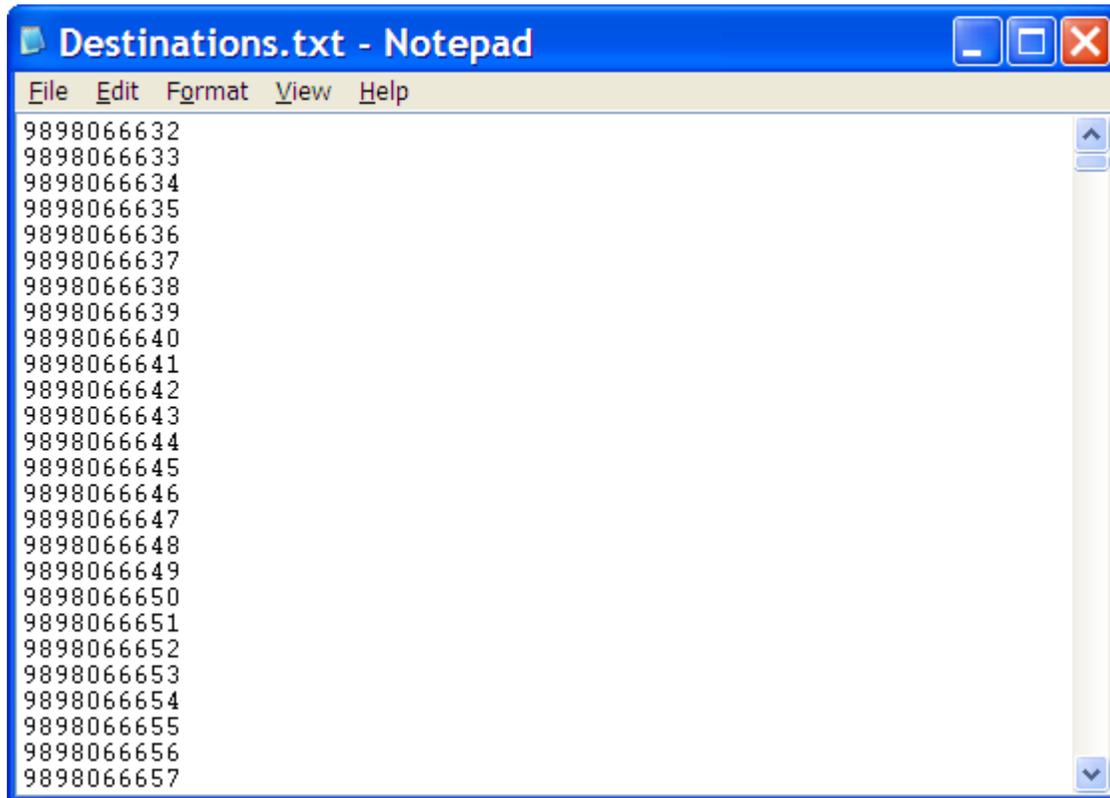
If you do not check the file then you cannot upload the file on server.



Finally click '**Upload & Send**' which begins the file uploading process. In File Uploading process the new Job is created for uploading the file. Once the new job is created the file is uploaded on the Server and then job is updated. Progress bar will show the progress of file uploading process.

# Personalised SMPP Client

Create Destinations file like this:



## Note:

- 1. Add one destination in each line.**
- 2. Destination must be numeric.**
- 3. Destination never contain characters.**
- 4. Destination never less than 6 digit and greater the 18 digit.**

# Personalised SMPP Client

SendSMS AddressBook Delivery Reports Unicode Converter Credit Details Proxy Settings Help

Single Bulk Group

File: s:\Address files\Destinations.txt Browse Check File

Sender ID: update

Message Type:  Text  Flash  Unicode  Unicode Flash

Personalised

Tag List Populated

Insert Tag Auto complete tags

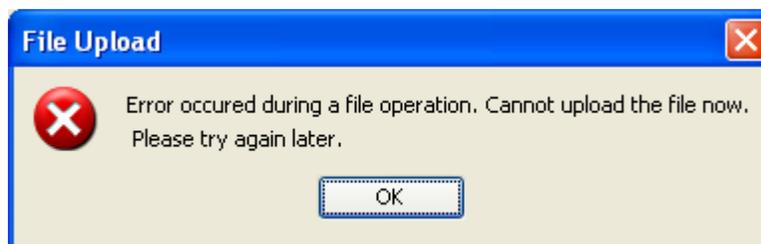
20 Characters / 1 Message.

Message: Test for bulk upload

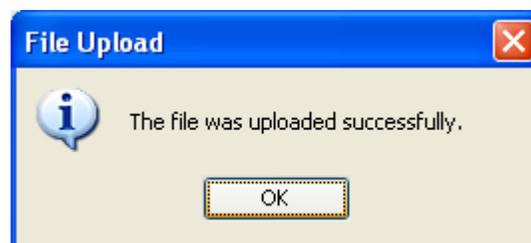
Save Message Clear Message

Import Message Template Upload & Send Schedule SMS Reset

If the file does not uploaded successfully you will get an error message dialog.



If the file is uploaded successfully you will get a success message dialog.

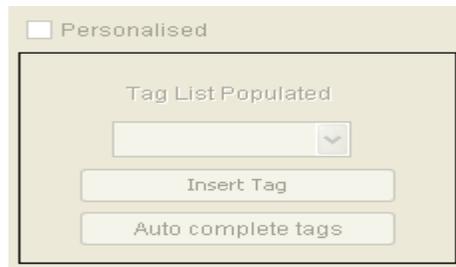


**NOTE: If you don't have sufficient Credit balance then you cannot upload the file on server.**

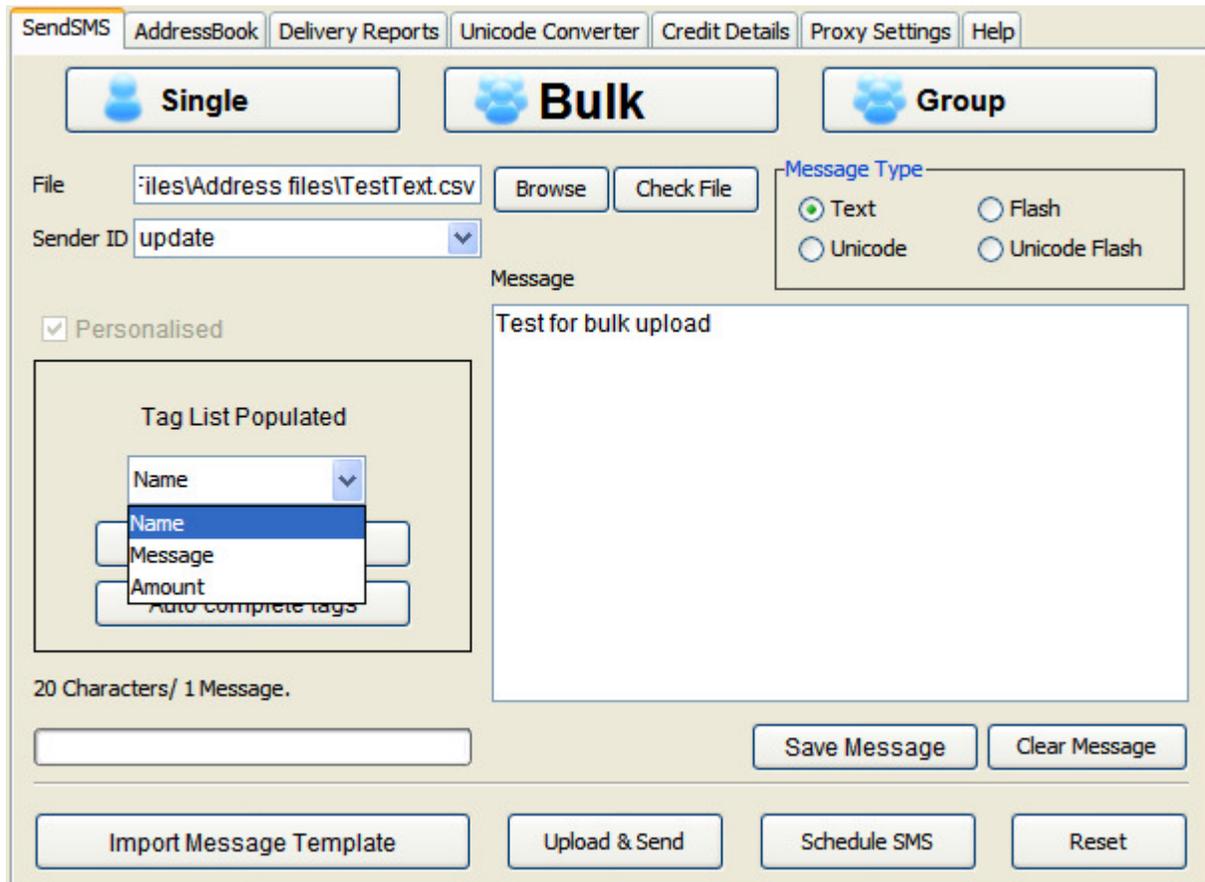
# Personalised SMPP Client

## Personalised Message

Personalised Message allows you to send message with some of the contents in the message to be different for different destinations (mobile) at the same time. Please note that Personalised messages for normal English text, can be sent in text or flash message, but for other language (other than English) can be sent in Unicode and Unicode Flash.



To send personalised message you must select .CSV (Comma delimited) file which contains the destinations and tag names. Once the file is selected you can see the tag names are displayed into the tag list of personalized panel as shown below.



Once the file is selected all the tag names will be populated and displayed in the

# Personalised SMPP Client

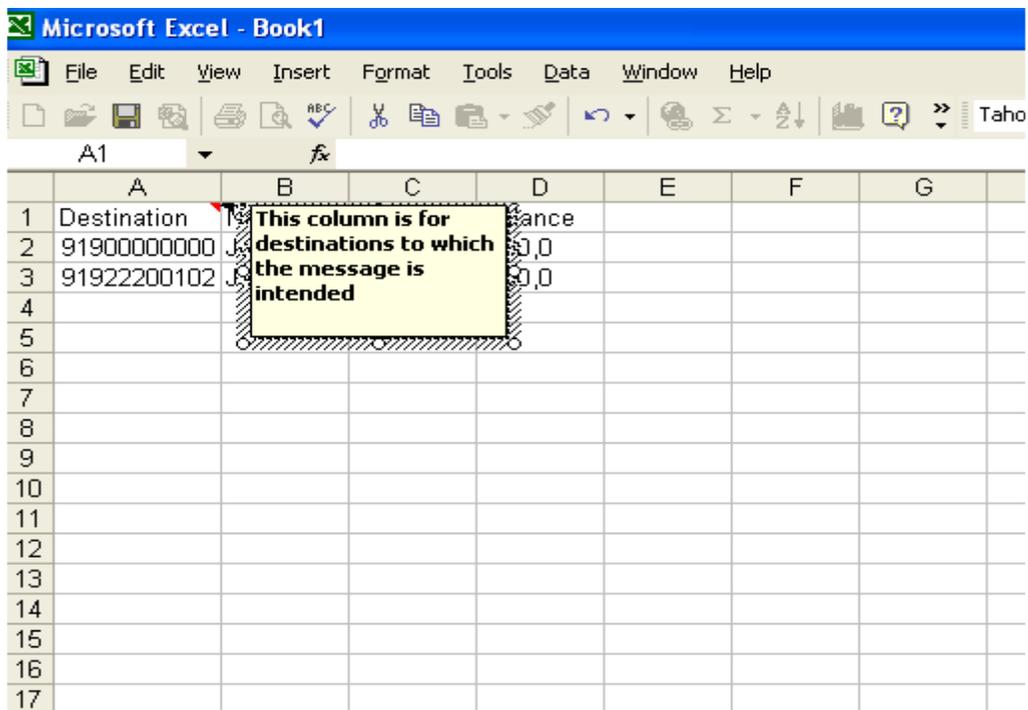
personalised panel which can be selected and inserted into the message where ever the tag value is to be replaced against the tag name while sending the message to their corresponding destination except the first column header since it is the destination column and will not be used as tag name.

Important points for creating a .CSV (Comma delimited) file for:-

A) Containing Normal English text, message type (Text or Flash).

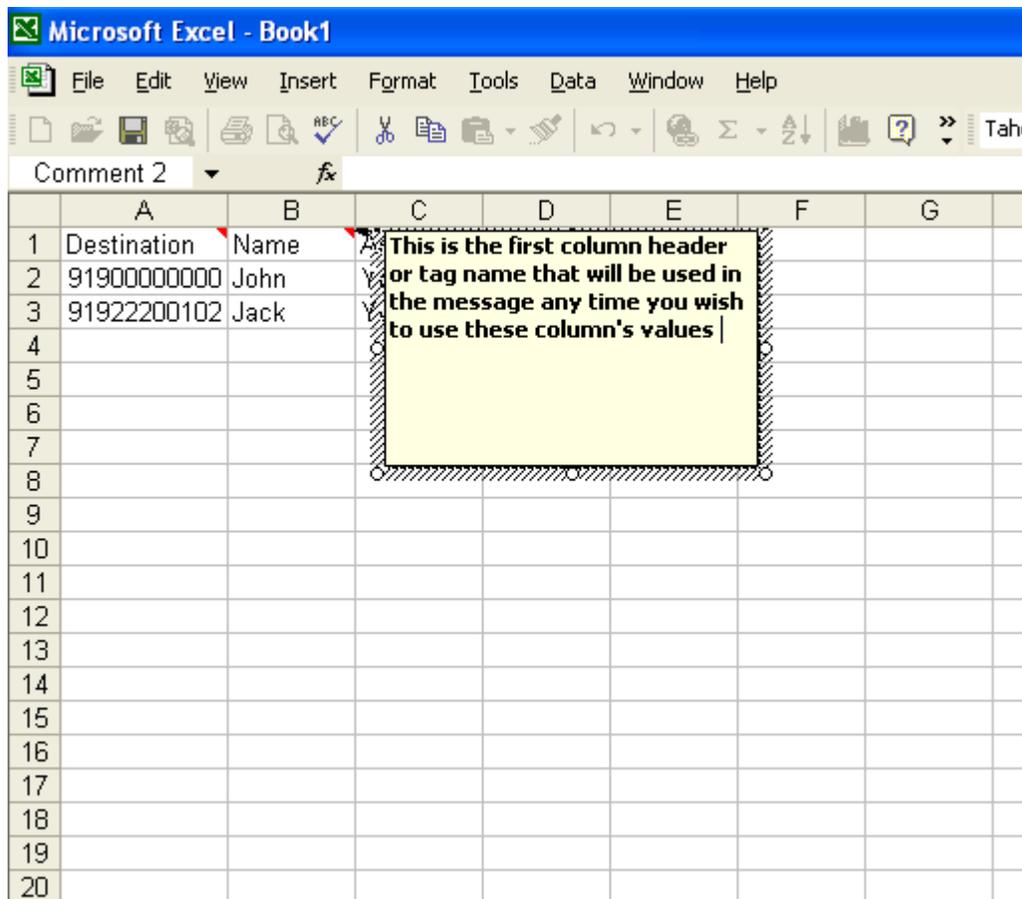
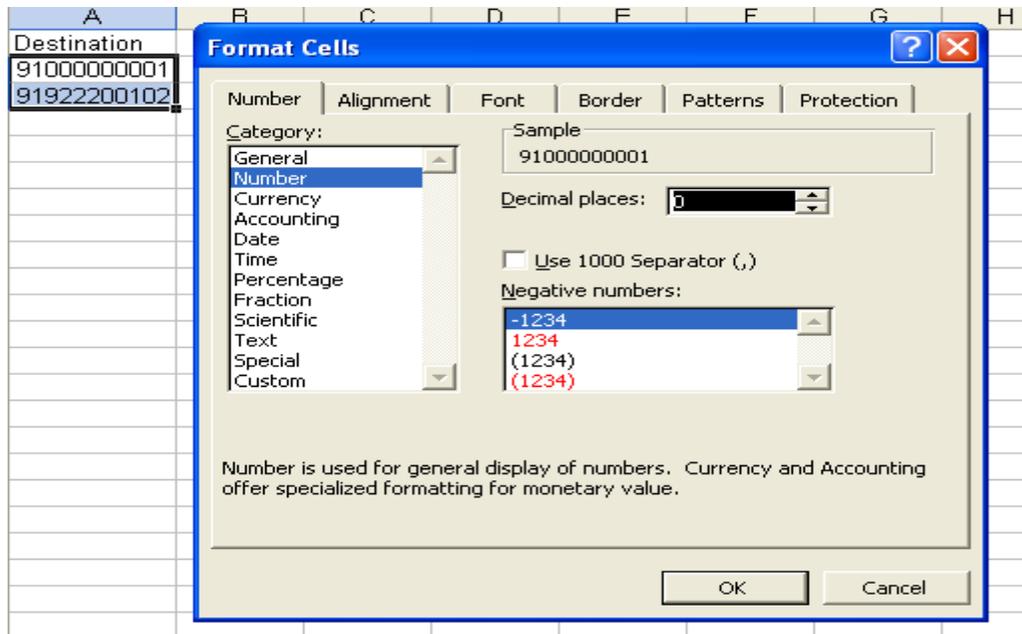
For example, to send the message like "Hi John, Your account number is 1234" to one destination and the second message like "Hi Jack, Your account number is 1235" to another destination. For this you need to

i) Open an excel sheet. The first row of the sheet will be the column headers or tag names.

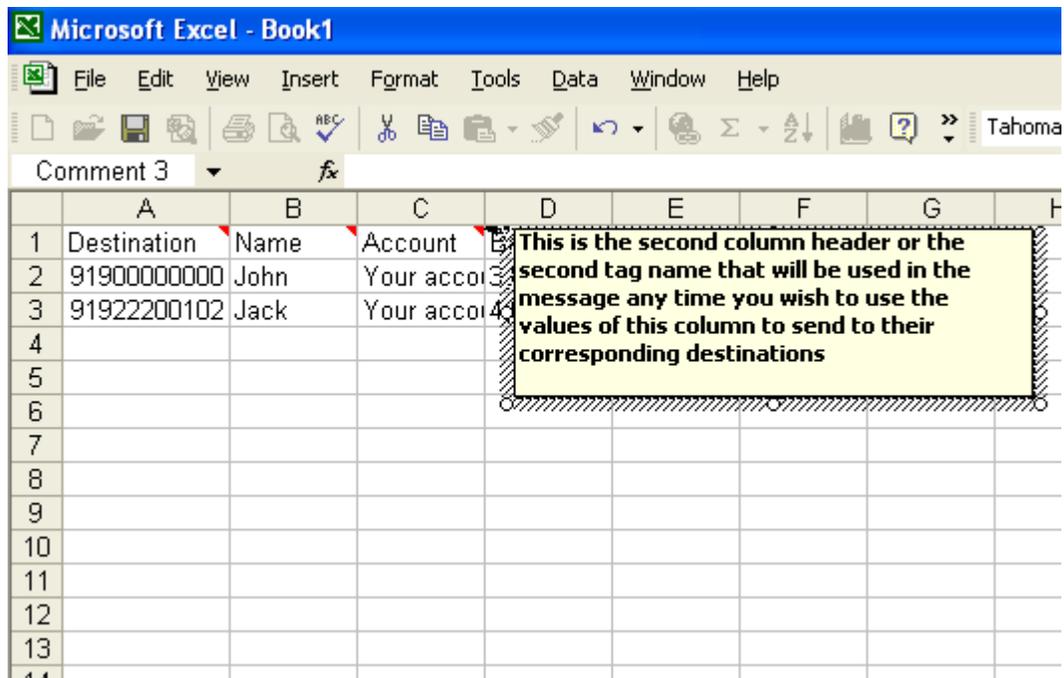


All the mobile numbers must be formatted to number with 0 decimal places as it is done below:

# Personalised SMPP Client



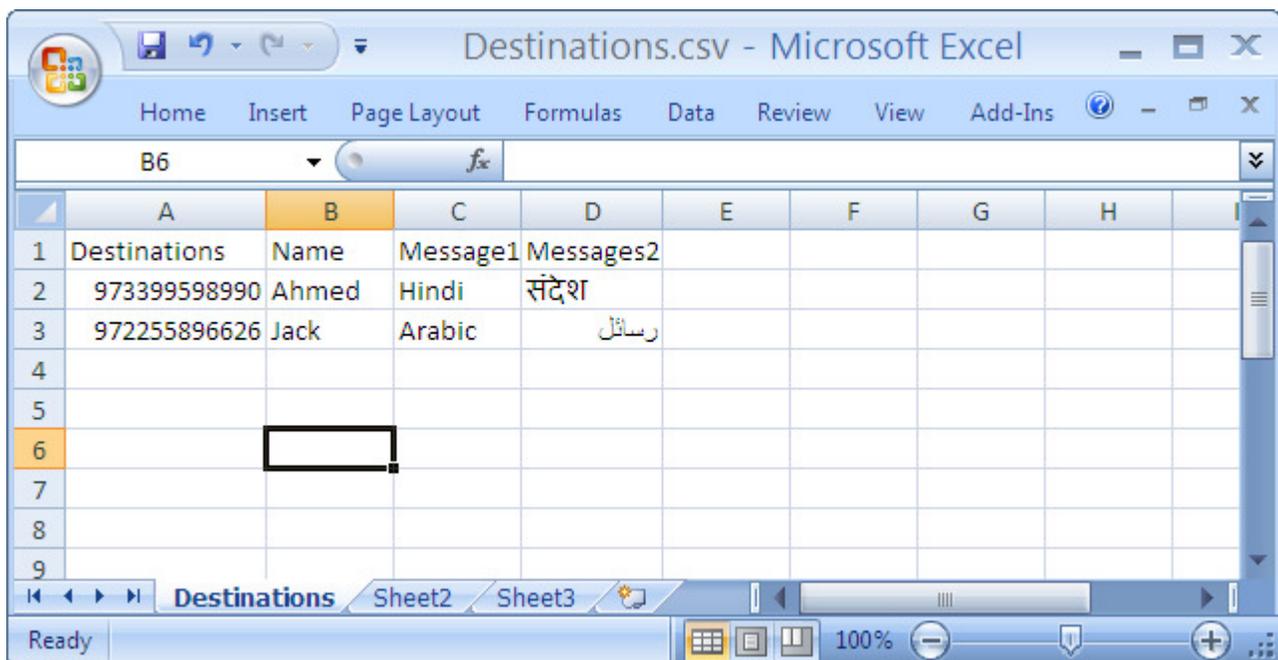
# Personalised SMPP Client



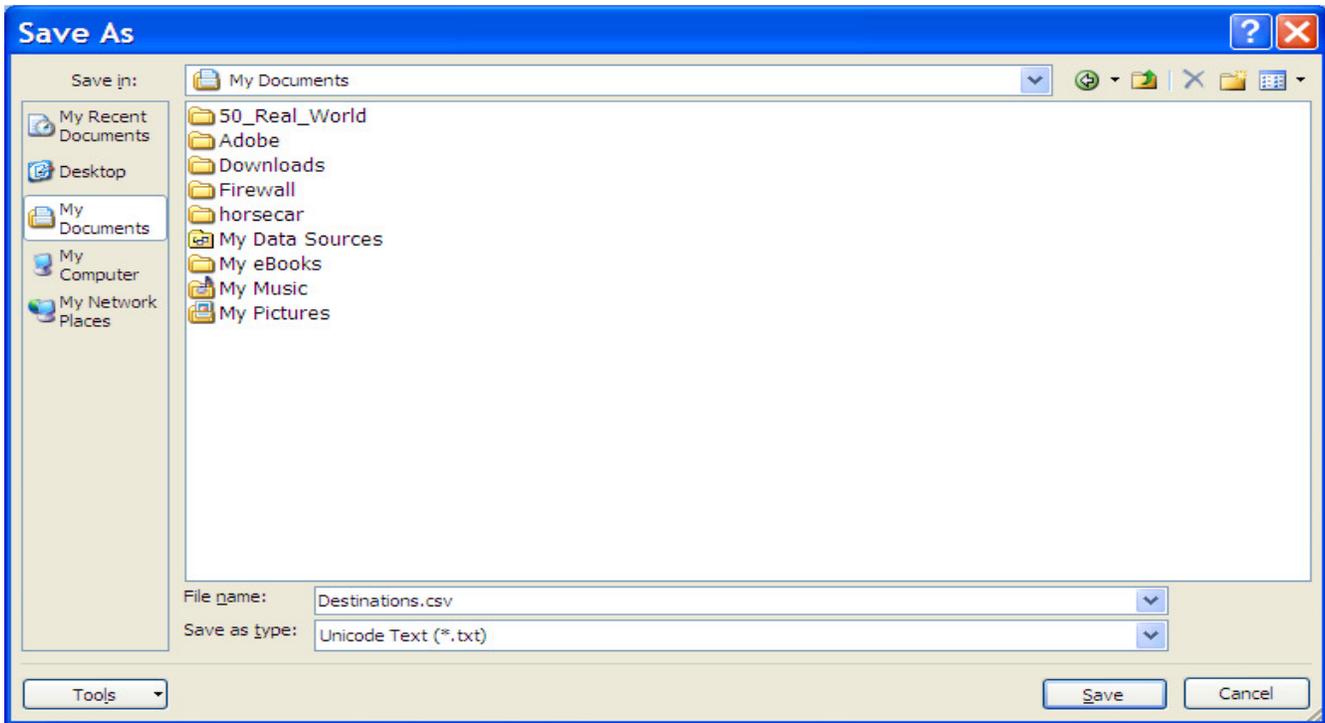
Similarly, you can set the number of column headers or tag names that you need to use in the message.

ii) Once, the file is ready with all the tags and their corresponding values save the file as a .CSV (Comma delimited) file.

**If the file contains Unicode Characters or Special characters Like Arabic, Hindi, Chinese, Japanese etc.**



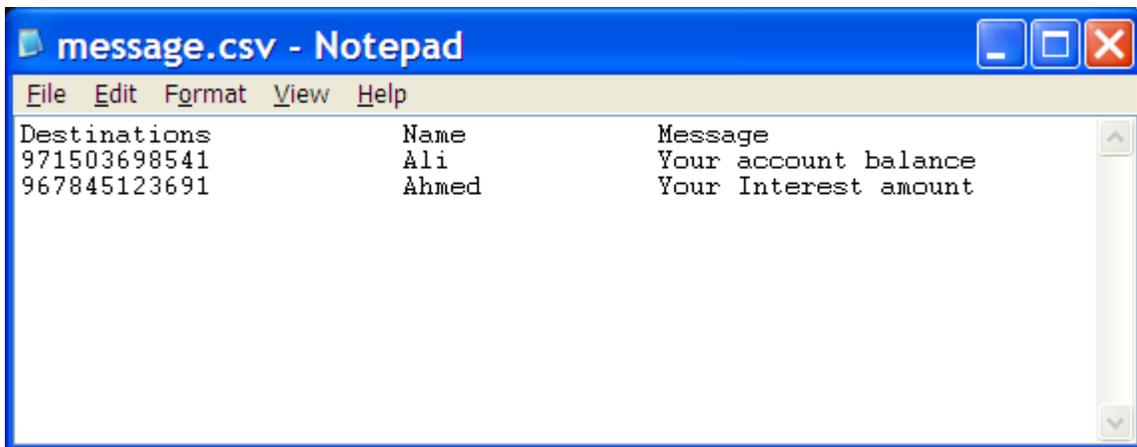
# Personalised SMPP Client



Then Save the file as :  
**File Name : Book1.csv** and  
**Save as type : Unicode Text**

**OR**

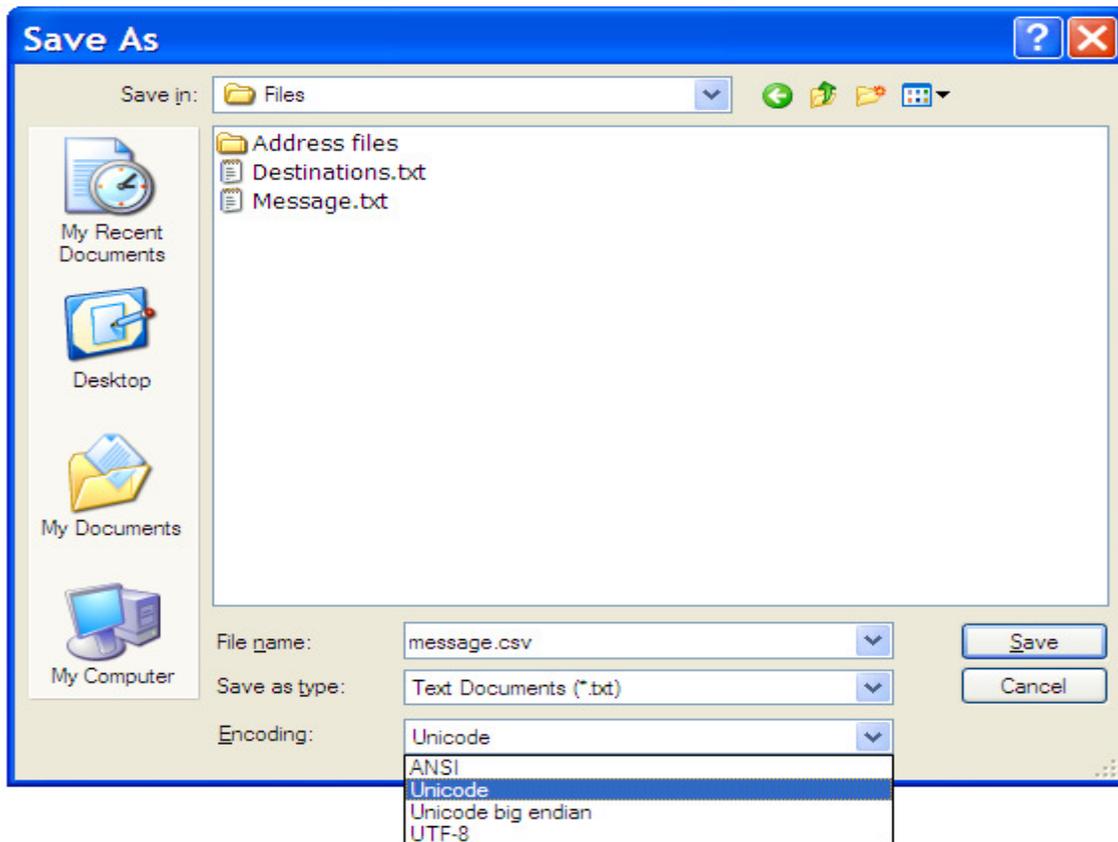
i) Open notepad. The first row of the sheet will be the column headers or tag names separated by tab.



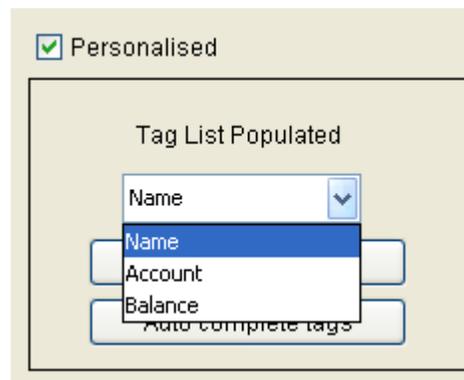
And enter one message per row followed by destination as above.

ii) Once, the file is ready with all the tags and their corresponding values **save the file as a .CSV. And choose Encoding as "Unicode"**.

# Personalised SMPP Client



Once the file is browsed and selected, all the tags are populated from the file except the first column header since it will be the destination and those populated tags will be displayed in tag list.



3. Where ever you wish to insert the tag into the message, place the cursor there and click on **Insert Tag**. Tag will be inserted at the cursor position. For example, any of the above tags is to be inserted at any place in the message then just select the tag and click **Insert Tag**. You can see tag name is inserted into the message.

4. The tag name would be enclosed inside < and > that would be inserted in the message like the one below. Reason for using < and > is to bifurcate the tag names from rest of the message content.

# Personalised SMPP Client

The screenshot shows a software interface with a light beige background. At the top left, there is a checked checkbox labeled "Personalised". Below it is a panel titled "Tag List Populated" containing a dropdown menu with "Name" selected, and two buttons: "Insert Tag" and "Auto complete tags". To the right of this panel is a large text area containing the text "Hi <Name>,".

## **Auto complete tags**

Auto complete tags feature allows you to complete all the tags with the appropriate tag names where ever the value in the message is enclosed into **<** and **>**.

For example, if the value in the message is **<Ne>** or **<ne>** or **<NE>** or **<nE>** then the value will be replaced by the actual tag name which starts with **N** or **n** and ends with **e** or **E**. Here it will replace all of the above specified values with **<Name>**.

This screenshot shows the same interface as above but with additional fields. At the top, there is a "File" field containing ".Administrator\Desktop\one.csv", a "Browse" button, and a "Check File" button. To the right is a "Message Type" section with four radio buttons: "Text" (selected), "Flash", "Unicode", and "Unicode Flash". Below this is a "Sender ID" field. The "Personalised" checkbox is checked. The "Tag List Populated" panel is identical to the previous screenshot. The "Message" text area now contains the text "Hi <ne>, You account number is <Act>".

When you click **Auto Complete Tags** all the values in the message enclosed between **<** and **>** that matches with the tag list will be replaced by their corresponding tag names in the message as shown below.

# Personalised SMPP Client

File: Administrator\Desktop\one.csv [Browse] [Check File]

Sender ID: [ ]

Message Type:  Text  Flash  Unicode  Unicode Flash

Personalised

Tag List Populated

Name: [ ]

[Insert Tag]

[Auto complete tags]

Message: Hi <Name>, You account number is <Account>

[ ] [Save Message] [Clear Message]

Tag names and their corresponding values which are not required but are there in the file will not affect the message. Only those values will be used for creating file whose tag names are there in the message and the same file will be uploaded. For example tag "Balance" is there in the file and can be seen in the tag list but it is not required for this message. Without including the tag "<Balance>" into the message will not lead to any problem.

# Personalised SMPP Client

## Address Book

The address book feature allows you to store and manage your contacts. You can create Groups and Distribution Lists here. In a group you can store contacts whereas in distribution lists you can store numbers.

A contact is a name-number pair for e.g. John 919829123456 etc. A number is just a destination number and would allow you to store the name for the number.

This section guides you in creating Groups and Distribution lists. It would also guide you in creating, managing and deleting contacts and numbers within them.

The screenshot displays the 'Address Book' interface. It is divided into two main sections: 'Select Group' and 'Select Contacts'.

**Select Group:** This section contains three buttons: 'Create Group' (with a blue group icon), 'Delete Group' (with a red 'X' icon), and 'Edit Group' (with a blue group icon). Below these buttons is a 'Distribution Lists:' section with a dropdown menu, an 'Add List' button, and an 'Edit List' button.

**Select Contacts:** This section features a table with the following headers: 'Name', 'Number', 'Delete', and 'Edit'. Below the table is a 'Select All' checkbox. To the right of the table are three buttons: 'Add Contact' (with a green plus icon), 'Delete Contact' (with a red 'X' icon), and 'Upload Contacts' (with a blue group icon).

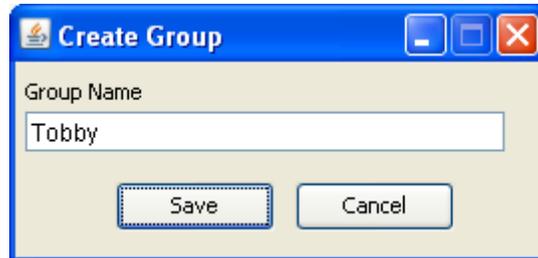
**Note:** Follow below rules before saving the numbers.

1. Length of number never less than **6 digit**.
2. Length of number never exceed than **18 digit**.
3. Number never contains characters.

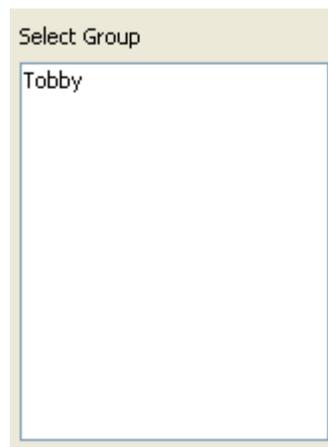
# Personalised SMPP Client

## Groups

Select the address book tab from within the main panel. To create a group click '**Create Group**' and you will see a dialog such as this:



Type in the name for the group and click **Save**. You can see the group created in the Group Box.



## Adding Contacts

Now to add contacts within this group select the group from the group box and click **Add Contacts**. You can see a dialog similar to this:

# Personalised SMPP Client

The main application interface is divided into two main sections: "Select Group" and "Select Contacts".

**Select Group:** This section contains three buttons: "Create Group" (with a blue cloud icon), "Delete Group" (with a red 'X' icon), and "Edit Group" (with a blue cloud icon). Below these buttons is a "Distribution Lists:" dropdown menu with a downward arrow. At the bottom of this section are three buttons: "Add List", "Edit List", and "Upload Contacts".

**Select Contacts:** This section features a table with the following columns: "Name", "Number", "Delete", and "Edit". The table is currently empty. Below the table is a "Select All" checkbox.

On the right side of the interface, there are three buttons: "Add Contact" (with a green plus icon), "Delete Contact" (with a red 'X' icon), and "Upload Contacts" (with a blue cloud icon).

The "Add Contact" dialog box has a blue title bar with the text "Add Contact" and standard window control buttons (minimize, maximize, close). It contains two text input fields:

- Contact Name:** The text "John" is entered.
- Contact Number:** The text "234000000001" is entered.

At the bottom of the dialog are two buttons: "Save" and "Cancel".

Enter the details for the contact and click **Save**. You can see the contact added to the selected group in contact table.

The "Select Contacts" table now contains two rows of data:

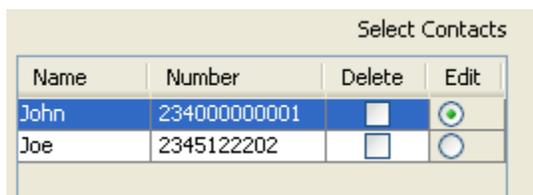
Name	Number	Delete	Edit
John	234000000001	<input type="checkbox"/>	<input type="radio"/>
Joe	2345122202	<input type="checkbox"/>	<input type="radio"/>

Below the table is a "Select All" checkbox.

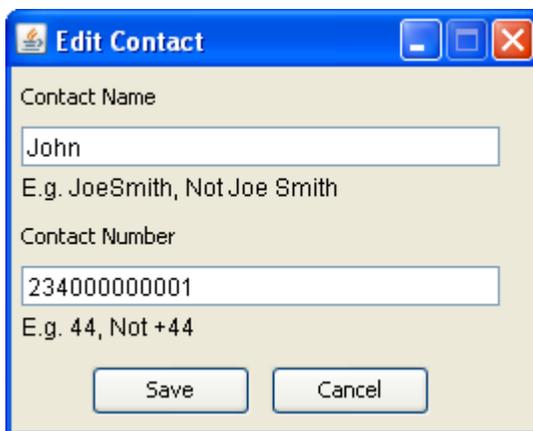
# Personalised SMPP Client

## Editing Contacts

You can edit previously added contacts from a group. To do this make use of the fourth column in the contacts table. In this column titled edit select the contacts that you want to edit. Once you have selected the contact to be edited the Edit Contact dialog will appear. Then Edit the contact and click on save. The Edited contact will be reflected immediately.



Name	Number	Delete	Edit
John	234000000001	<input type="checkbox"/>	<input checked="" type="radio"/>
Joe	2345122202	<input type="checkbox"/>	<input type="radio"/>



**Edit Contact**

Contact Name  
John  
E.g. JoeSmith, Not Joe Smith

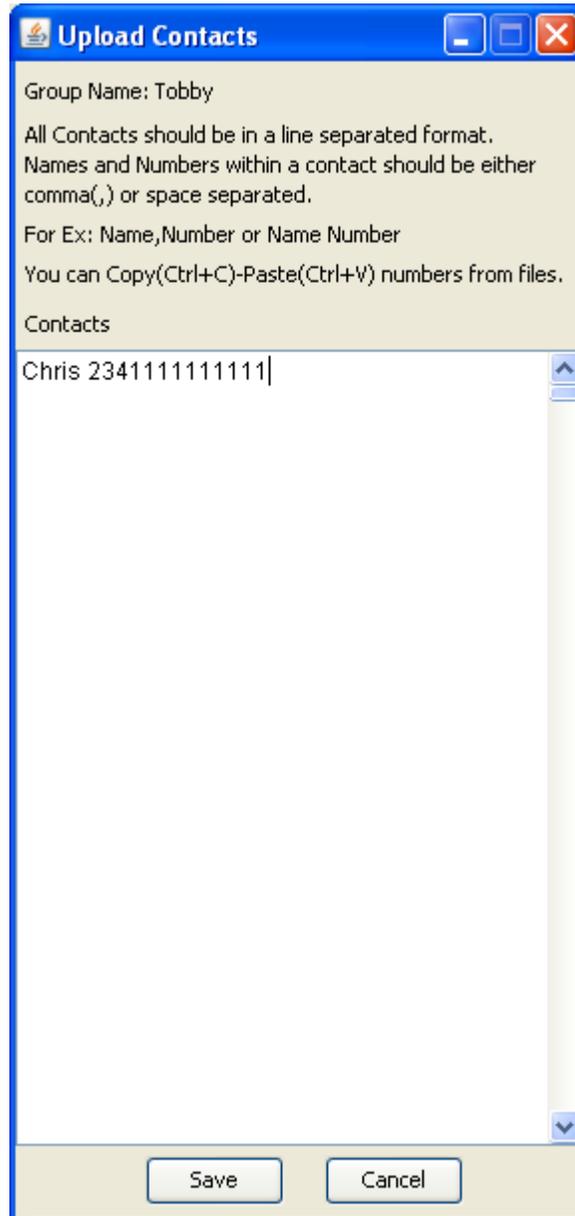
Contact Number  
234000000001  
E.g. 44, Not +44

Save Cancel

# Personalised SMPP Client

## Uploading contacts

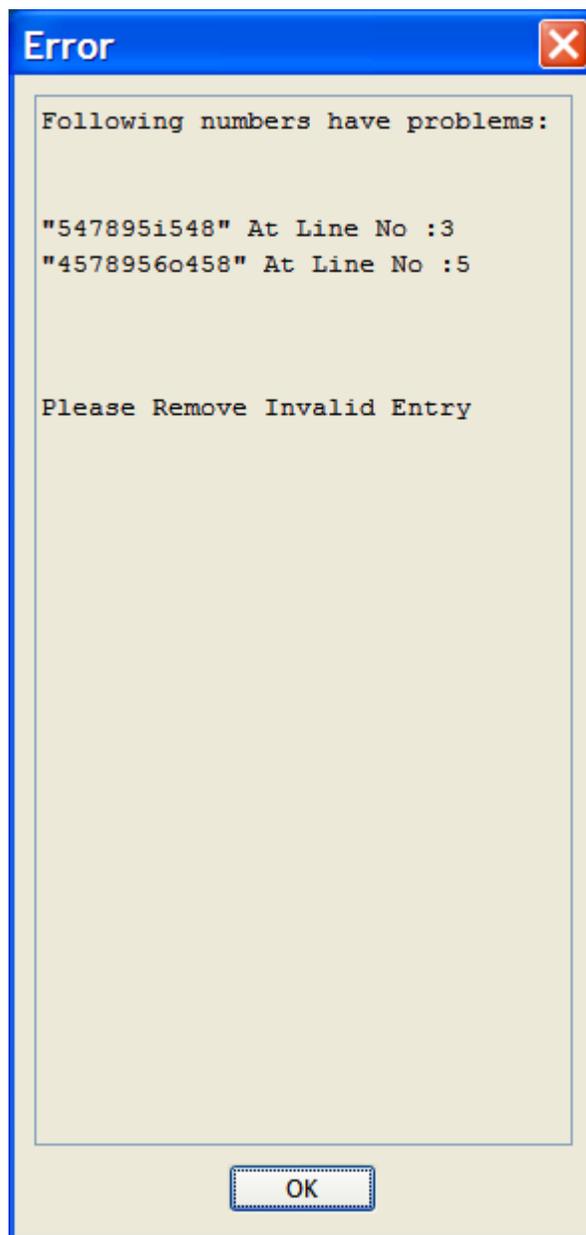
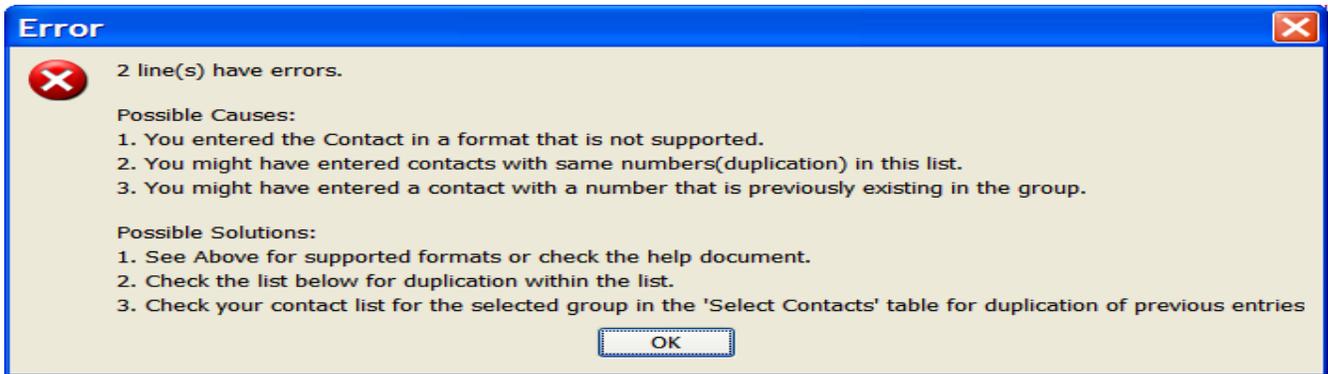
This feature allows you to add multiple contacts to a group at once. Select a group that you want to upload contacts to and click **Upload contacts**. Fill in the details for the contacts in the specified format. The contact name and number should be mentioned on one line separated by a comma (,) or space. One contact on one line.



When you are done click '**Save**'.

On clicking **Save** the entries will be scanned and all valid entries (please see the 'Errors' section for information on what entries will be treated as invalid.) will be added leaving out the invalid entries. You will get a message for the entries that were treated as invalid and their line numbers.

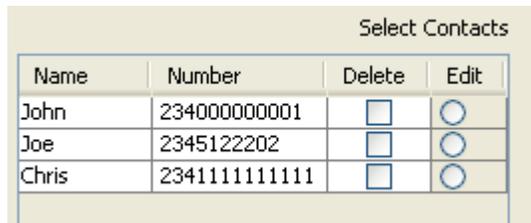
# Personalised SMPP Client



# Personalised SMPP Client

If you have already created a file with contacts you can copy paste your entries from that file to the upload contacts list by using **Copy** (Ctrl+C) and **Paste** (Ctrl+V).

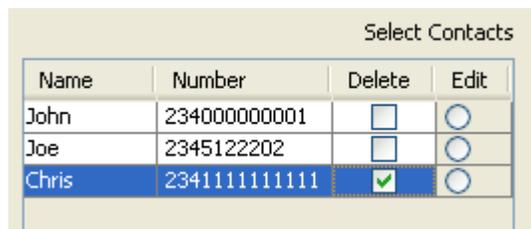
All the entries that were added to the selected group will be reflected in the contact box.



Name	Number	Delete	Edit
John	234000000001	<input type="checkbox"/>	<input type="radio"/>
Joe	2345122202	<input type="checkbox"/>	<input type="radio"/>
Chris	234111111111	<input type="checkbox"/>	<input type="radio"/>

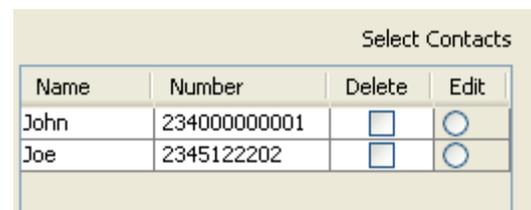
## Deleting Contacts

You can delete previously added contacts from a group. To do this, make use of the third column in the contacts table. In this column titled delete select the contacts that you want to delete if you want to delete just a few contacts or check the **Select All** check-box to select all the contacts at once and delete them. Once you have selected the contacts to be deleted. Click **Delete Contacts**. The changed group will be reflected immediately. If you want to delete all contacts and also do not want to keep the group, you can simply delete the entire group by clicking **Delete Group**.



Name	Number	Delete	Edit
John	234000000001	<input type="checkbox"/>	<input type="radio"/>
Joe	2345122202	<input type="checkbox"/>	<input type="radio"/>
Chris	234111111111	<input checked="" type="checkbox"/>	<input type="radio"/>

This example shows deleting of a selected contact. We have selected a contact here. We delete that particular contact by clicking Delete Contacts.



Name	Number	Delete	Edit
John	234000000001	<input type="checkbox"/>	<input type="radio"/>
Joe	2345122202	<input type="checkbox"/>	<input type="radio"/>

The contact has been deleted and the updated group formation can be seen here.

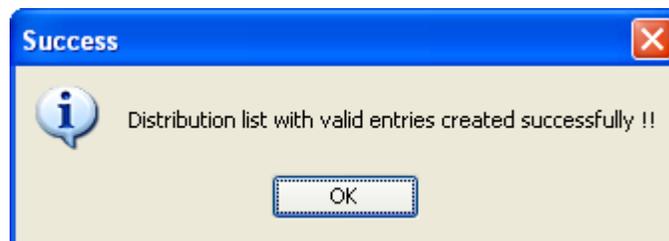
# Personalised SMPP Client

## Distribution Lists

To create a distribution list click **Add List**. You will see a dialog for entering the numbers in the distribution list. Set a name for the list. Then fill in the list with the numbers, again the numbers are supposed to be in the line separated format. Also one can cut, copy, paste by right click of a mouse from excel sheet. An example is shown below:



Once done click '**Save**'. You will see a success dialog as shown below:



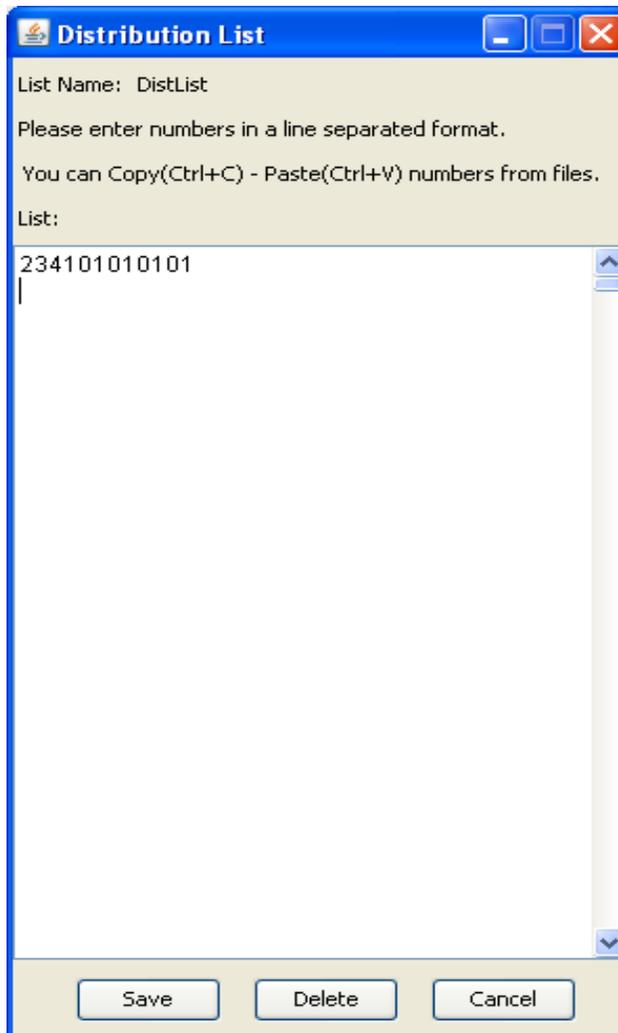
Here again the distribution list will only be created containing all the valid entries. The invalid entries will be reported and discarded.

# Personalised SMPP Client

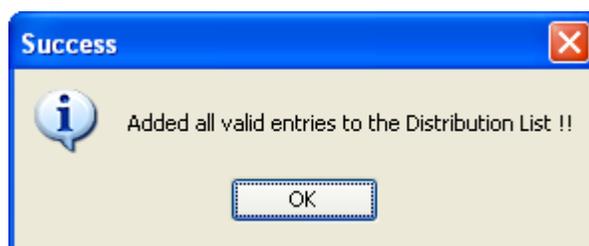
## Editing Distribution Lists

Once the list has been created you can manage it by selecting it from the distribution list combo - box. Select the list that you want to manage and click **Edit List**. You now have the option of editing and deleting the list. Through edit list you can also add or delete a few contacts from an existing list and save it so that the changes get affected. An example showing the editing of a list is shown here:

Firstly select a previously created list from the distribution lists list. Then select **Edit List**. You will see a dialog as shown below:



Remove the last two entries and click **Save**. Now if you select the list again for editing you can see that the changes you made have taken effect.



# Personalised SMPP Client

## Group Message

After getting to know how to add and manage Groups and Distribution Lists, you can move ahead with sending a Group Message. A group message is a message that you send to a previously configured group or a distribution list. You can also send message to all contacts from your entire group set by selecting **All Contacts**.

Select Group message from the SendSMS panel. Select the Group or Distribution list, to which to send the message, from the **Select Group** list or select **All Contacts** as said above to send a message to all contacts from all groups.

Name	Number	Select
John	234000000001	<input checked="" type="checkbox"/>
Joe	2345122202	<input checked="" type="checkbox"/>

Here as you select a group from Group List, the contacts from the list are listed in the select contacts table. You can opt here to deselect a few contacts from the message recipient group if you want to do so. By default all contacts in the selected group will be selected. Fill in the required parameters and click **Connect** to send the message.

The progress of the messages sent can be seen in the **Progress Bar** next to the '**Clear Message**' option.

**When sending to a** distribution list you cannot see the numbers that exist in the distribution list nor can you have the option of sending the messages to a subset of those numbers. This is because distribution lists are typically used for business purposes where a message is broadcasted to all numbers.

# Personalised SMPP Client

## Delivery Reports (DLR)

Delivery Reports specify the details of a sent message. You receive these from the SMSC/SMPP server that you sent the message to. Delivery Reports specify details such as the delivery status, source address or sender, destination address or mobile number, submit date – the date time that the message was submitted to the SMSC, done date – the date time that the message was forwarded by the SMSC/SMPP Server, any error flags if required etc.

You need to select the day, month, year for view the delivery report of that particular day.

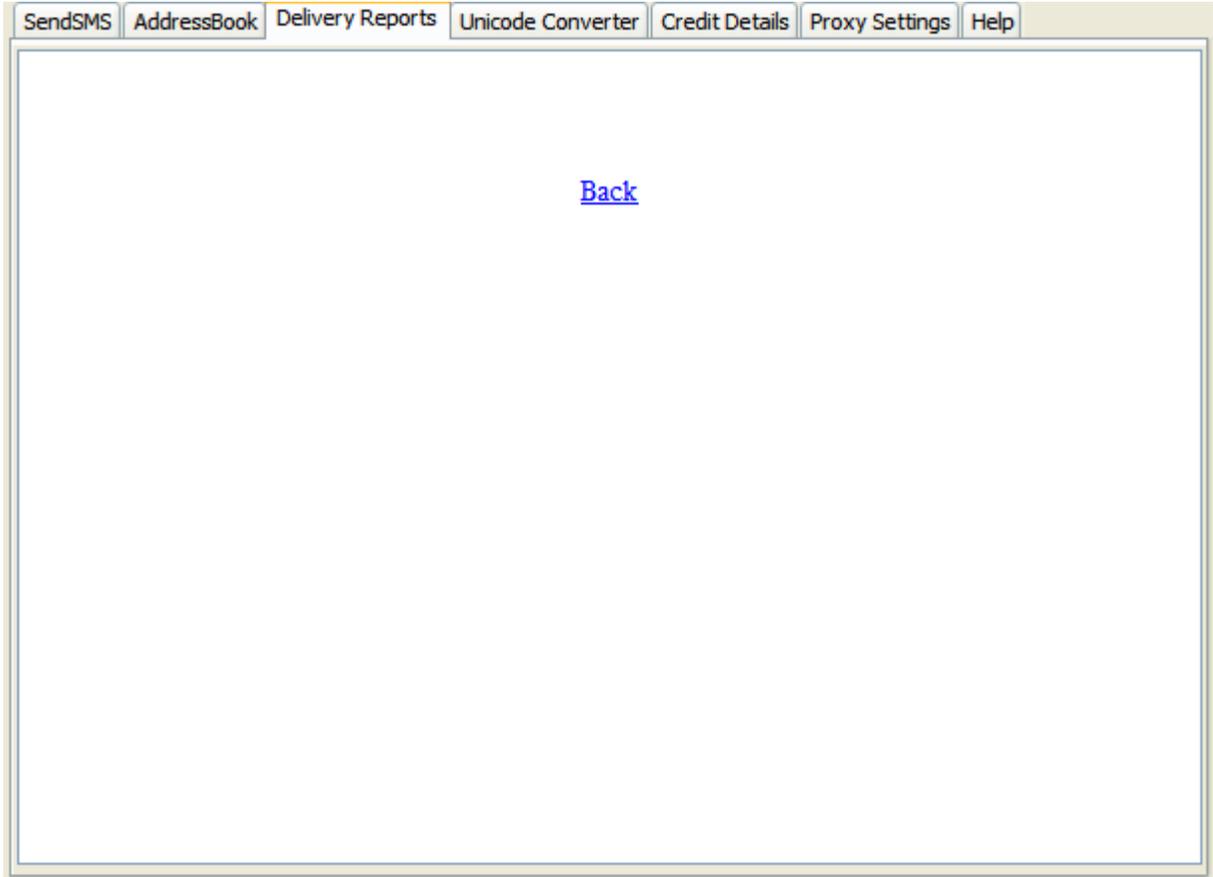
To receive delivery reports move to the **Delivery Reports** panel. You see delivery report of current date and able to see the delivery report of the date-month-year that you will select.

Export DLR button will export the Delivery Report of the selected date.

The screenshot shows a web application interface with a menu bar at the top containing buttons for 'SendSMS', 'AddressBook', 'Delivery Reports', 'Unicode Converter', 'Credit Details', 'Proxy Settings', and 'Help'. The 'Delivery Reports' button is highlighted. Below the menu bar is a section titled 'Select Datewise Report'. This section contains three dropdown menus labeled 'Day', 'Month', and 'Year', each with a downward arrow. To the right of these dropdowns is a 'Submit' button. Below the dropdowns and button, the text 'No Records to display for current date' is displayed in blue.

# Personalised SMPP Client

After selecting the date-month-year for view the Delivery report, you will view this kind of page if there is not any record of delivery report of the selected date.



# Personalised SMPP Client

## Sending a Unicode Message

This section not only explains sending how to send a Unicode message but also how to use the Unicode converter. Both these features are fairly simple and would not require much explaining, but an example makes things all clear.

We take a simple example to send a Unicode message. Here we need to understand that though we use the Unicode converter to convert a text message, which can be sent in its original form as a text message, Unicode converters are typically used to convert Arabic text to Unicode so that it can be received in its original Arabic form on cell phones that support Unicode character encoding.

**Unicode Converter**

Type/Enter text here:

This is a simple text to explain the usage of unicode converter.

Unicode:

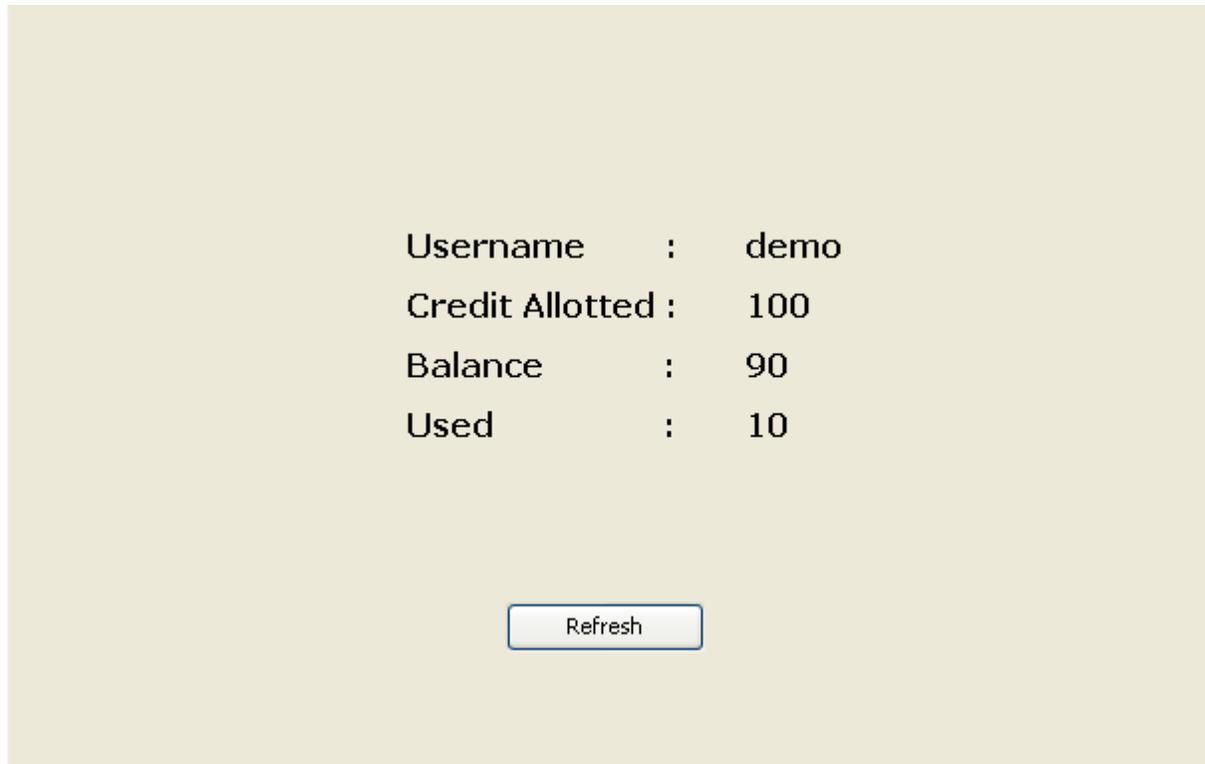
```
005400680069007300200069007300200061002000730069006d0070006c00650020007400650078007400200074006f0020006500780070006c00610069006e00200074006800650020007500610073006700650020006f006600200075006e00690063006f0064006500200063006f006e007600650072007400650072002e
```

Enter the text that you need to convert into the text area provided for normal text. Click **Convert** to get the Unicode for that text. Copy (Ctrl + C) / Cut (Ctrl + X) & Paste (Ctrl + V) or Right-Click Mouse the converted text from the Unicode text area to the message area provided for message text in the **SendSMS** panel. Remember to change the type of the message to Unicode in the message type box, and then send the message.

# Personalised SMPP Client

## Credit Details

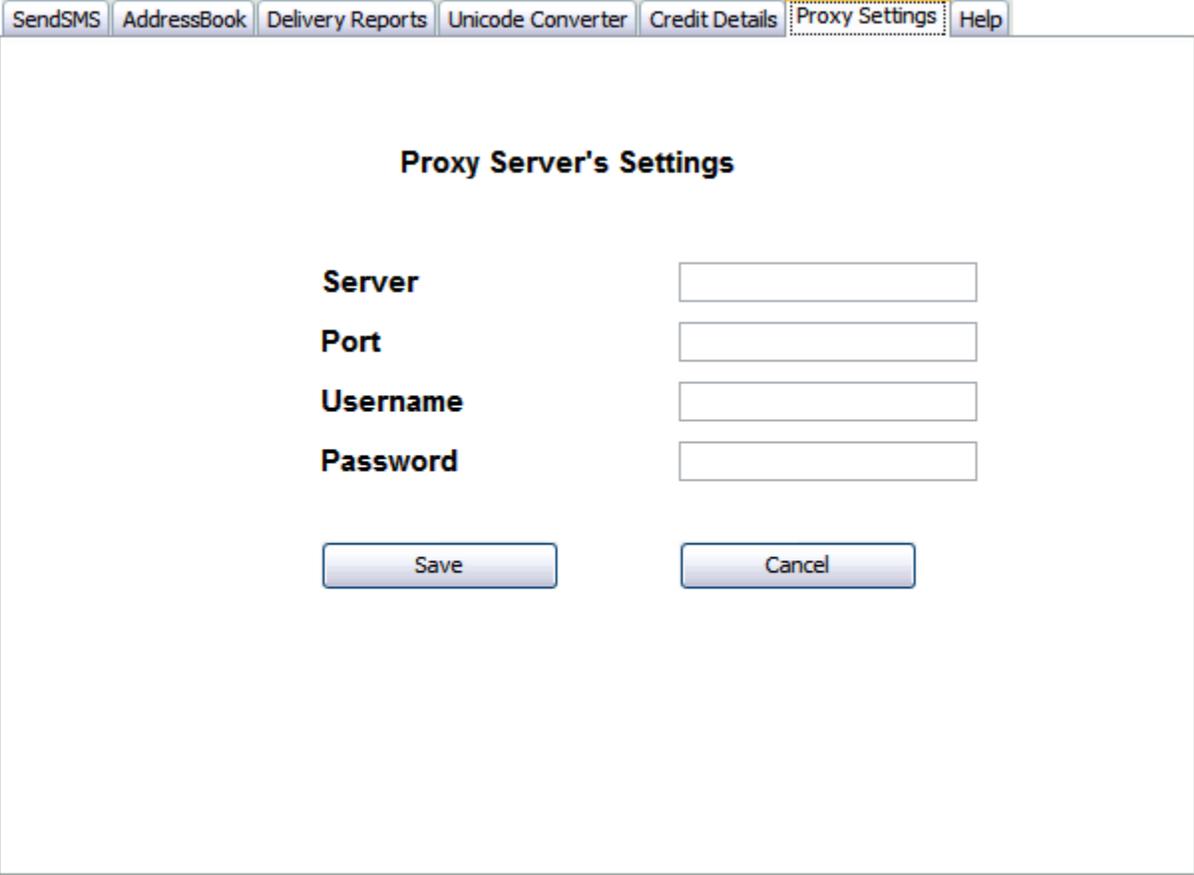
The credit details panel shows you the credit details for the user such as credit allotted, Balance left, and credit used. This panel proves helpful so that the user does not have to open a browser window, go to the web interface provided by the company every time he has to check his credit details. He can just access the tab for credit details and he can check all the details right there.



# Personalised SMPP Client

## Proxy Setting

Proxy server serves one more step toward security. It filters all request or response. And allow only those request or response which has authorization. Pass is nothing, a code or text set in your proxy server. You can set your username and password as well as server and port no. It restricts unauthorized access to your data.



The image shows a screenshot of a software application's menu bar and a dialog box. The menu bar includes options: SendSMS, AddressBook, Delivery Reports, Unicode Converter, Credit Details, Proxy Settings (highlighted with a dashed border), and Help. The dialog box is titled "Proxy Server's Settings" and contains four input fields: Server, Port, Username, and Password. Below the input fields are two buttons: Save and Cancel.

Field	Input
Server	<input type="text"/>
Port	<input type="text"/>
Username	<input type="text"/>
Password	<input type="text"/>

Buttons: Save, Cancel

# Personalised SMPP Client

## Help

During anytime that you are using the application and you need help on a particular feature you need not go searching for this document. The Help Panel offers application embedded and feature specific help right inside the application. This makes using the application even more useful and efficient, as you do not have to navigate or search for the topic that you need help on in a user manual such as this. The help is offered on all of the features of the application that would typically require help. Plus this help is offered in a brief format and hence can be read typically within a few minutes. For any other comprehensive help or details about the application you can always concern this document. In the help panel just click the topic that you need help on and you can read on the topic there itself.

