

SMSPlus - Excel Plugin

User Manual

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Overview

The proposed system serves as a solution to add the Add-Ins to MS-Excel-2003 and MS-Excel-2007 with the name SMSPlus which allows the user to send SMS to list of Mobile Numbers with specified messages which are present in an Excel sheet.

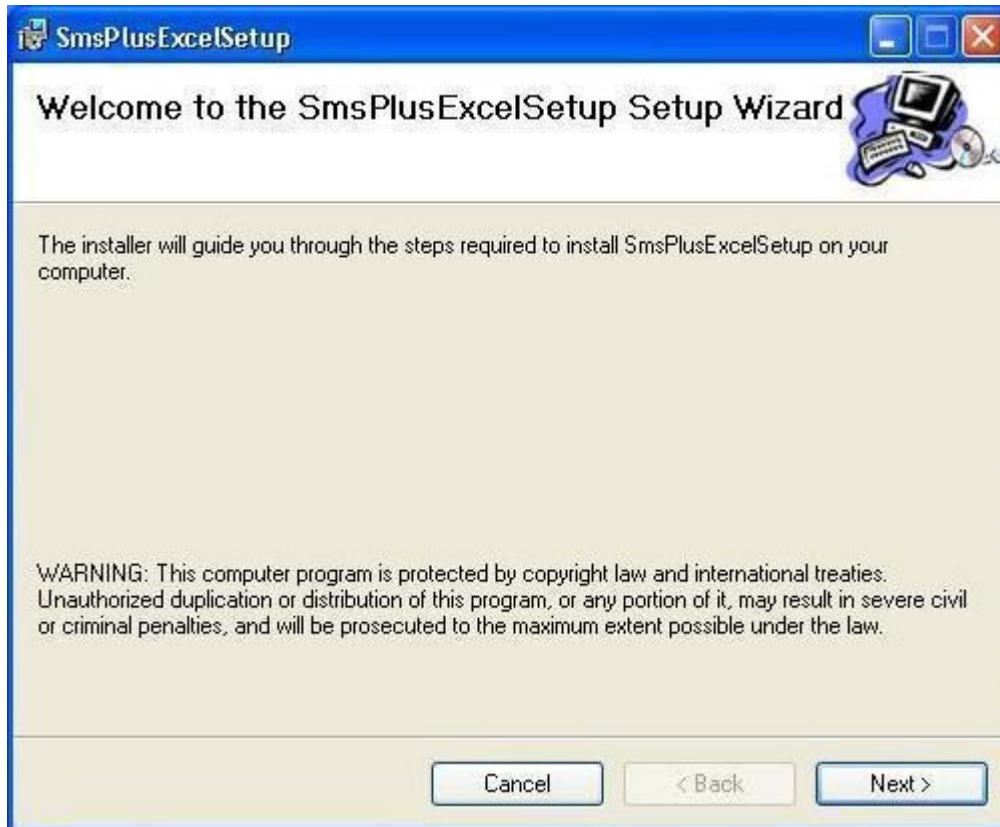
When user is using this system, user can send SMS to specified range of mobile numbers present in different columns of worksheet. In this system user can send messages in the form of Unicode messages & flash messages. Here user is provided with the facility of converting a message to Unicode form and user can write an Arabic message too.

This system provides the facility of scheduling of messages i.e. when to send the messages to specified mobile numbers; user can specify the time and date for scheduling.

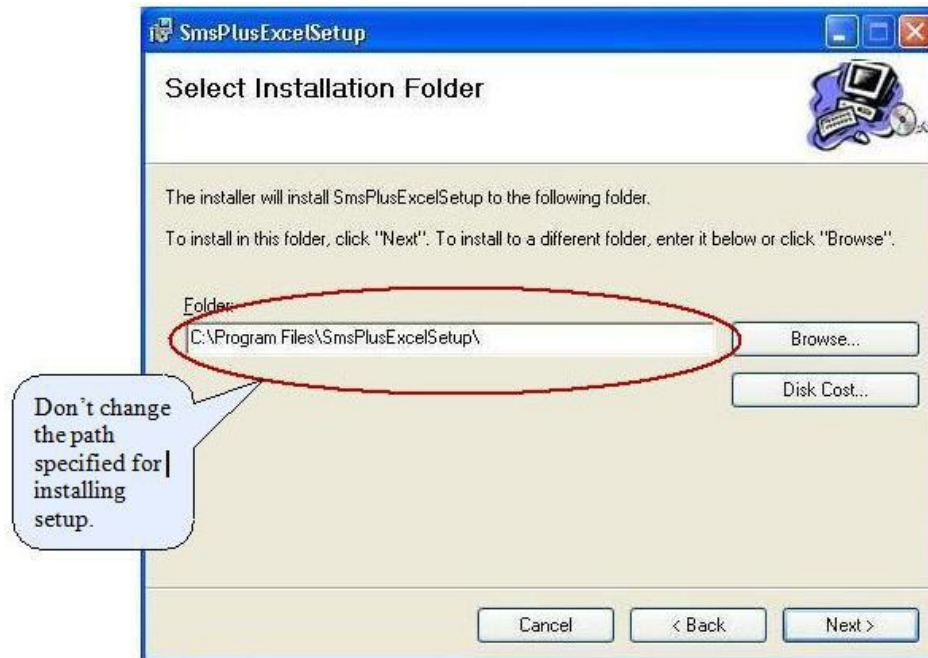
In this system user can view the reports for “Job Management, Reports, User Profile, and Coverage Details” for login user.

Steps to run an Excel Add-In Setup:

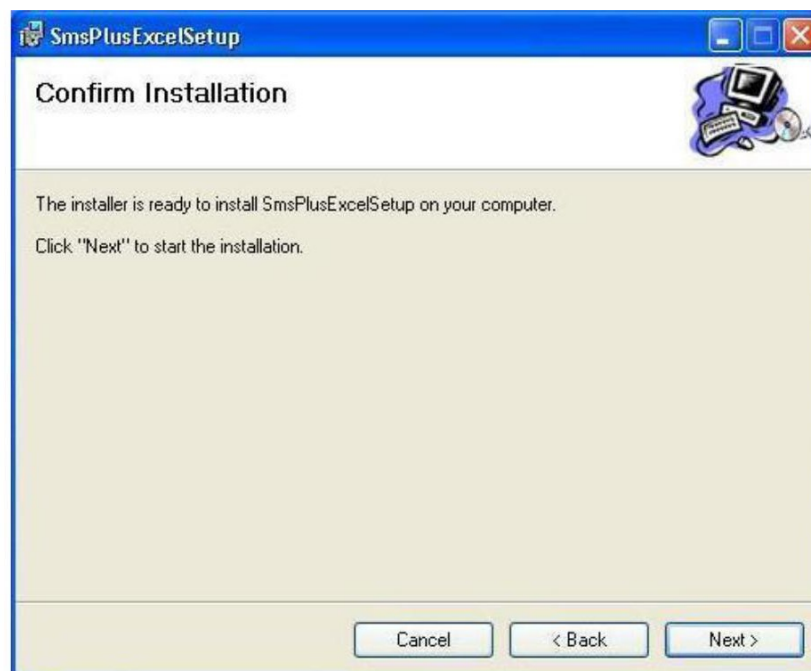
1. Click the first .exe File: "Setup". Then one will see the installation interface.
2. First it will ask to install 3 to 4 components that are required for excel add in to run.
3. Then Follow the below steps:

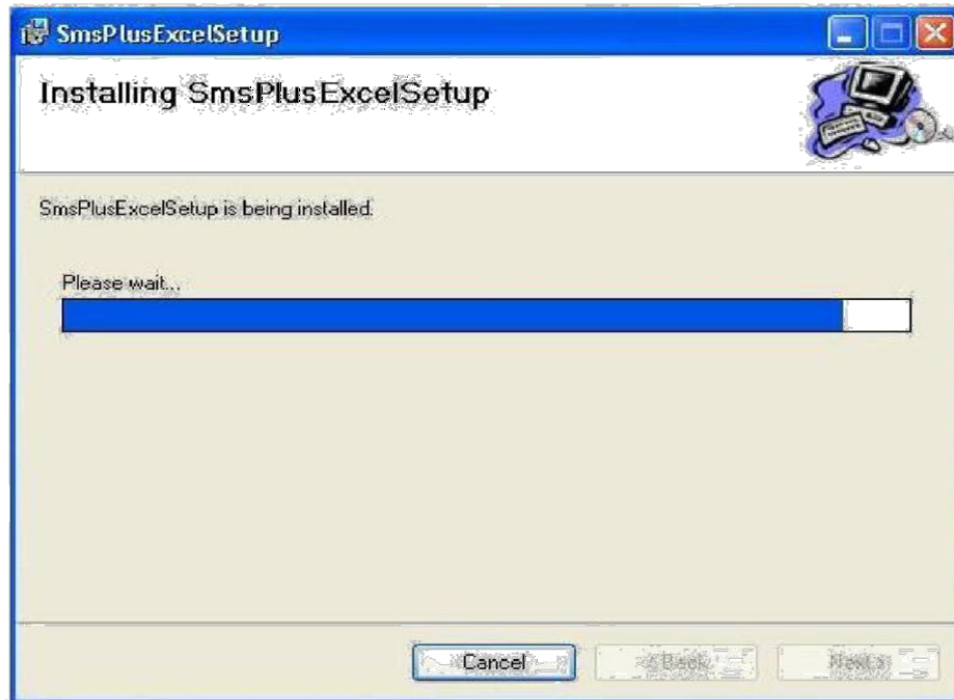


4. Click next and then choose the path to install the Add in



5. Click next, and then you will finish the installation.

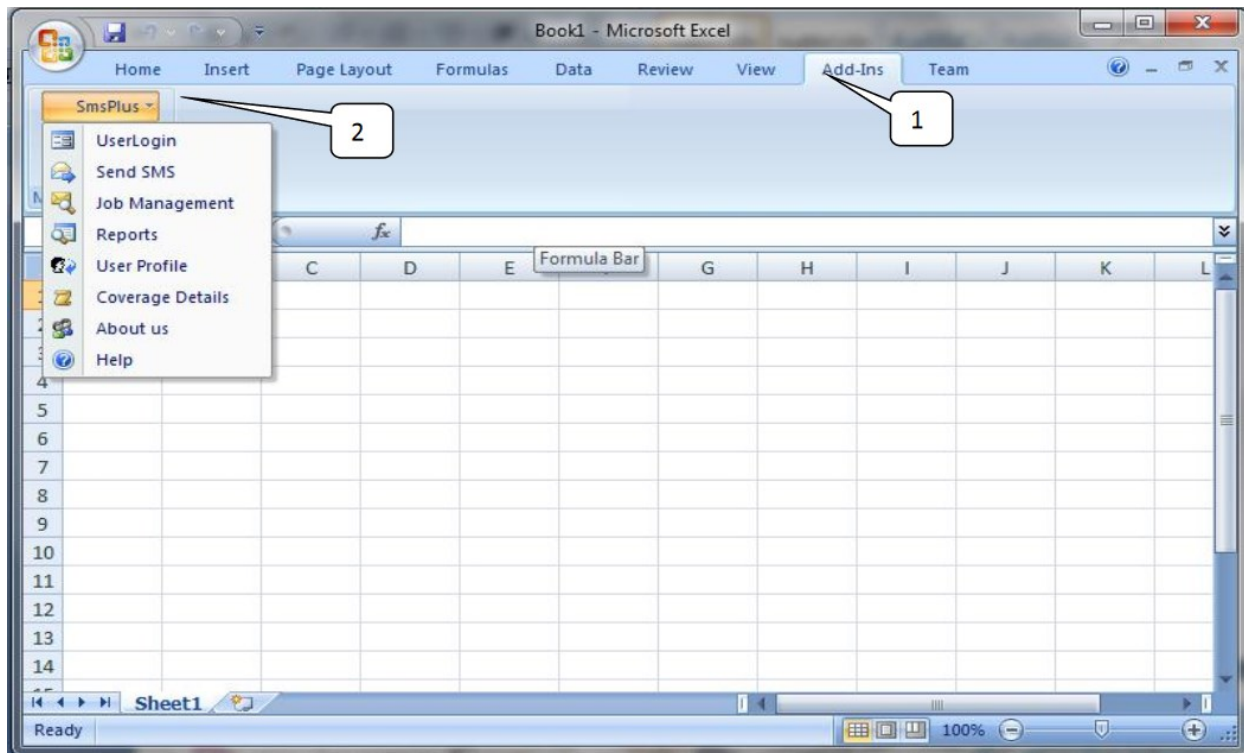




6. Open the Excel; see the tab of Add-In "SMSPlus".

Add-Ins

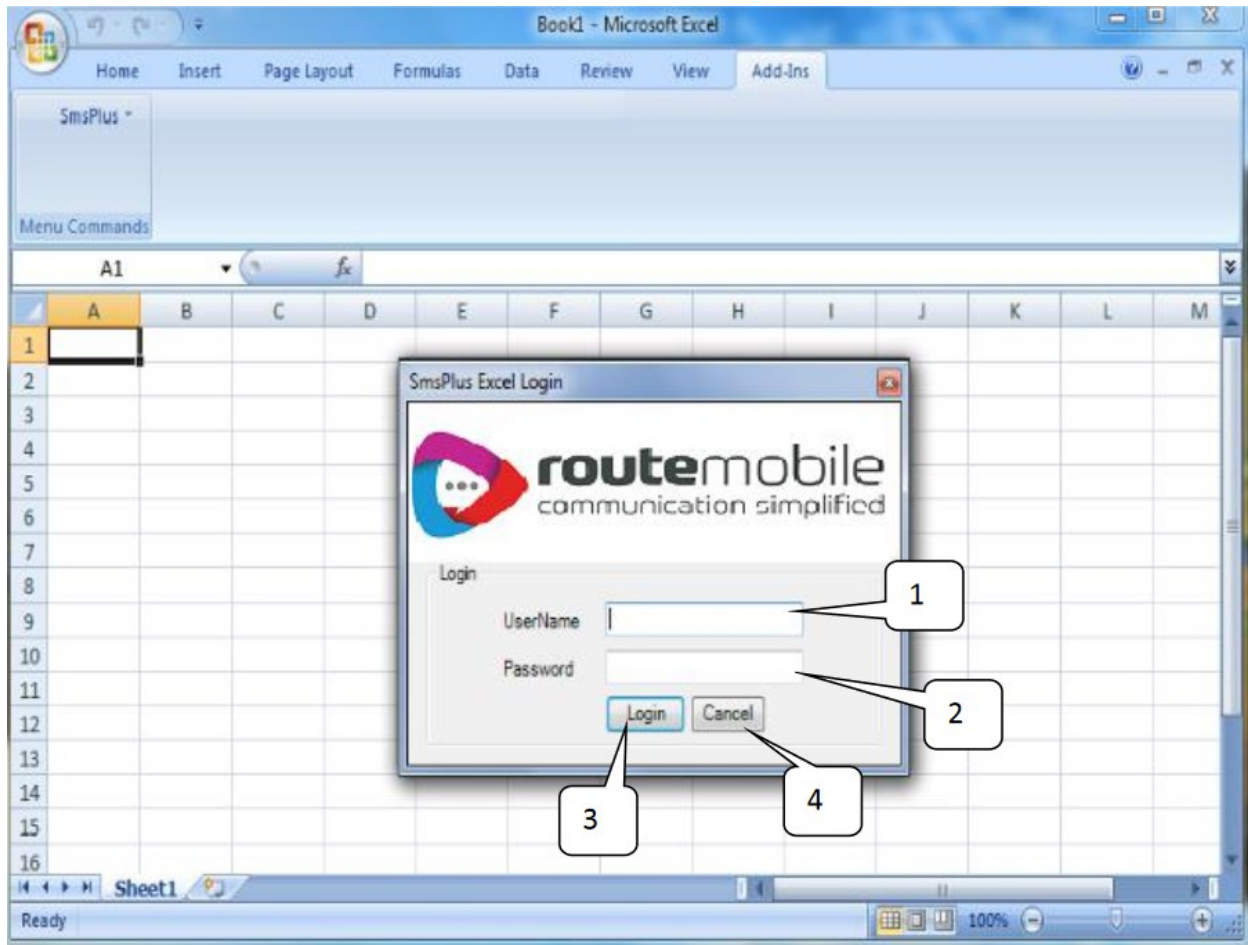
The SMSPlus Add-In in Excel is shown below:



1. After we run the setup a tab will appear like this.
2. All the menu buttons under SMSplus
 - a) User Login
 - b) Send SMS
 - c) Job Management
 - d) Reports
 - e) User Profile
 - f) Coverage Details
 - g) About us
 - h) Help

Login

User can login with the username and password.



1. User enters his/her User Name.
2. User enters his/her password.
3. User hits the Login button to login with the entered username and password.
4. Cancel button to go back to Excel worksheet.

Send SMS

User can send messages using this tab.

1. Name of user is displayed.
2. Enter Sender's name.
3. Select column name from dropdown list in which mobiles numbers are written in Excel sheet.
4. Select the column from list which has the messages in the sheet.
5. Select the radio button for all the numbers in a column which is selected in step 3.
6. Select this if you want to select a specific range from sheet.
7. Give details of range from and to e.g. A1 - C4 then the entire numbers from A1 to C4 are selected for sending messages.
8. Select the type of message as Text, Flash or Unicode.
9. Type the message to send to all with message field selected in step 4 e.g. Welcome to RouteSms #B# means "Welcome to RouteSms" will be send to all with the message written in column B of the Excel sheet in front of mobile number against that message is written.
10. Shows the number of characters in the message.
11. Only English Message is allowed for Text and Flash Message Type.
12. Schedule button is used to schedule the message.
13. Send button is used to send the messages to selected numbers it will show a preview of them.
14. Cancel button will cancel the form and get back to the Excel worksheet.
15. Reset button will reset all the fields to initial state as in form loaded.


Send Text or Flash SMS

Welcome :: teamwork

Send SMS

Sender: SmsPlus Mobile No: A Add Field: A, B, C, D

Type: All Numbers Selected Range

1  **Wait Processing , Your Message will be Previewed ..**

Message: **Only English Text is Allowed !!!**

Welcome to SmsPlus Excel Sms #B#

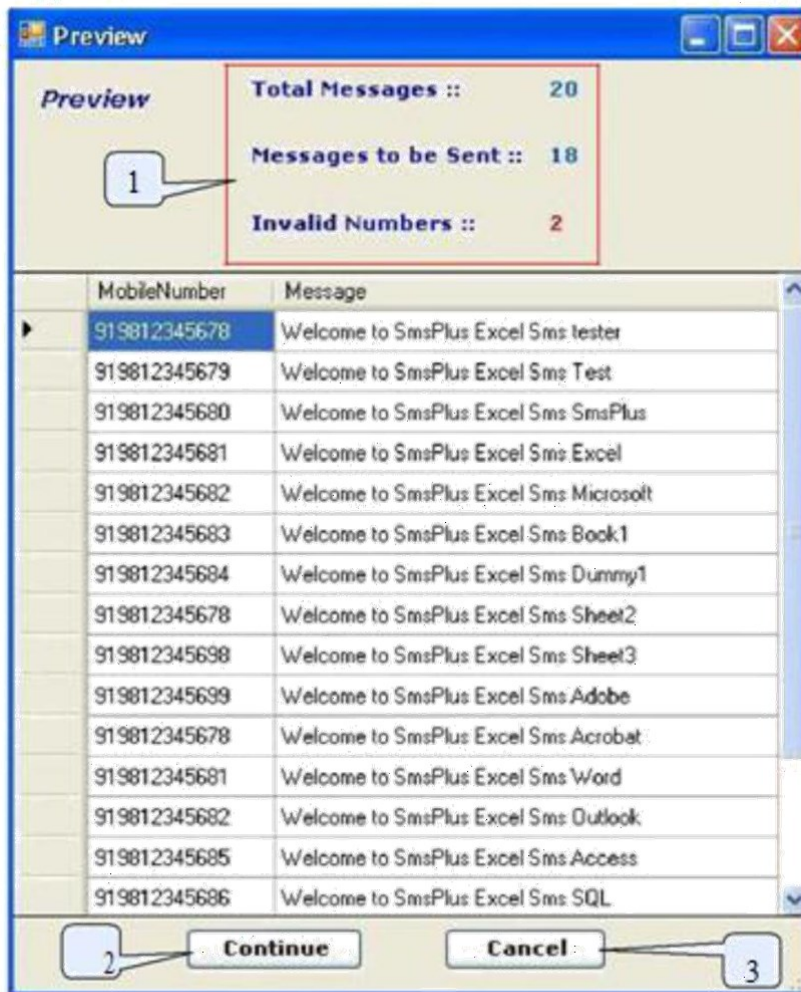
Number Of Characters : 32

Unicode Converter

Scheduler: **Not Schedule** **Schedule**

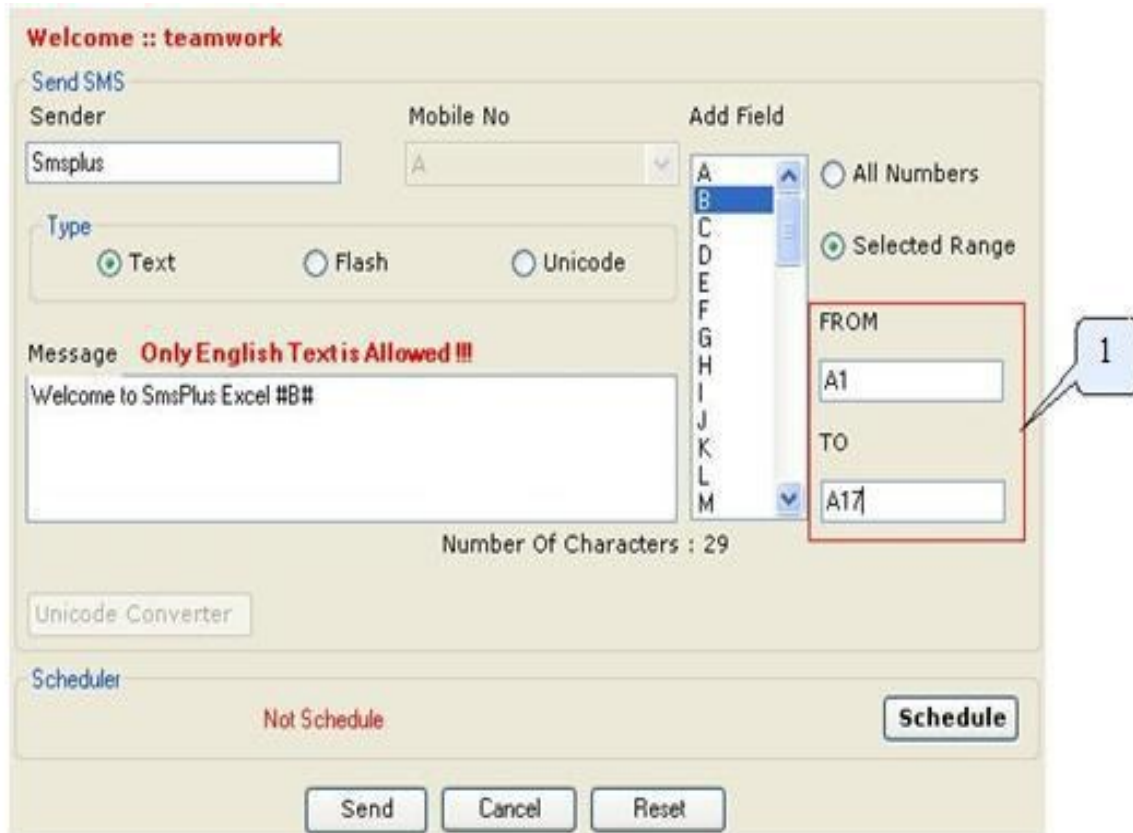
Send **Cancel** **Reset**

A wait message is displayed until Preview window is opened.



1. Preview of messages and mobile numbers to whom messages will be sent; & Total number of messages, Total number of messages to be send and Invalid Numbers found from total number of messages
2. After clicking continues button messages will be sent to the list previewed.
3. Cancel button will cancel the process and get back to the send sms form.

Select Range



Welcome :: teamwork

Send SMS

Sender: Smsplus

Mobile No: A

Add Field: A, B, C, D, E, F, G, H, I, J, K, L, M

Type: Text, Flash, Unicode

Message: **Only English Text is Allowed !!!**
 Welcome to SmsPlus Excel #B#

Number Of Characters : 29

Unicode Converter

Scheduler: Not Schedule

Schedule

Buttons: Send, Cancel, Reset

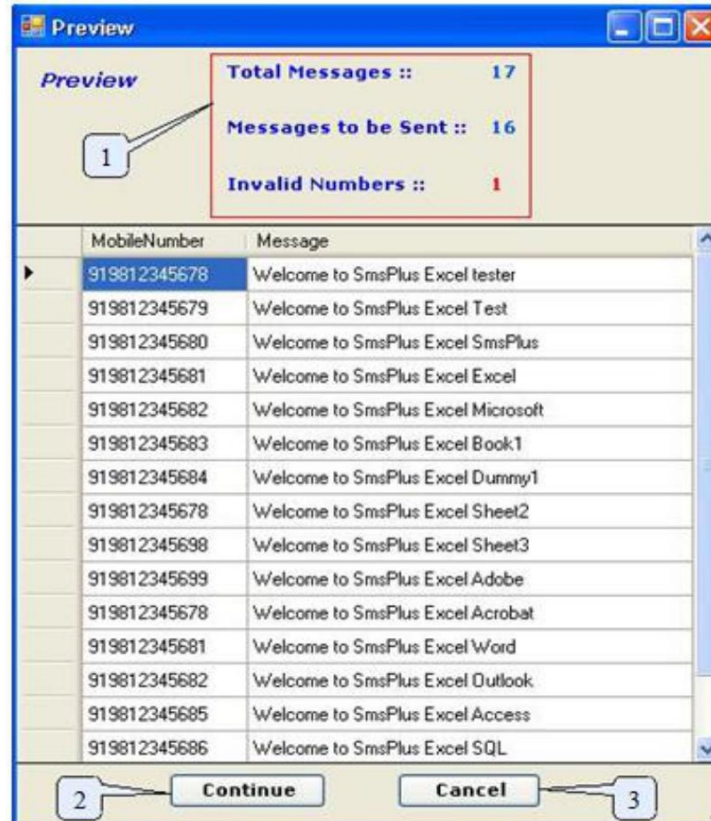
1. When user select the "Select Range" radio button then disabled text boxes „From" and „To" will enabled and „Mobile Number" dropdown list is disabled; and after this we can write message or set it in any form and after this user can schedule or send the message.

Range A1-A17 means this will select all the numbers which comes in the fields from cell A1 till A17.

After user select to send the message first all the duplicates have been removed from list and final list shown as shown in the next screen shot.

Selected Range Preview List

After user hits the send button then all the duplicate entries are removed means an mobile no with same message entered into the worksheet then only one entry will be considered for sending and an preview will be shown as between the selected range of cells of worksheet.



1. Preview of messages and mobile numbers to whom messages will be sent; & Total number of messages, Total number of messages to be send and Invalid Messages found from total number of messages whenever range is selected for messages to be sent.
2. After clicking continues button messages will be sent to the list previewed.
3. Cancel button will cancel the process and get back to the send SMS form.

Scheduling of Messages

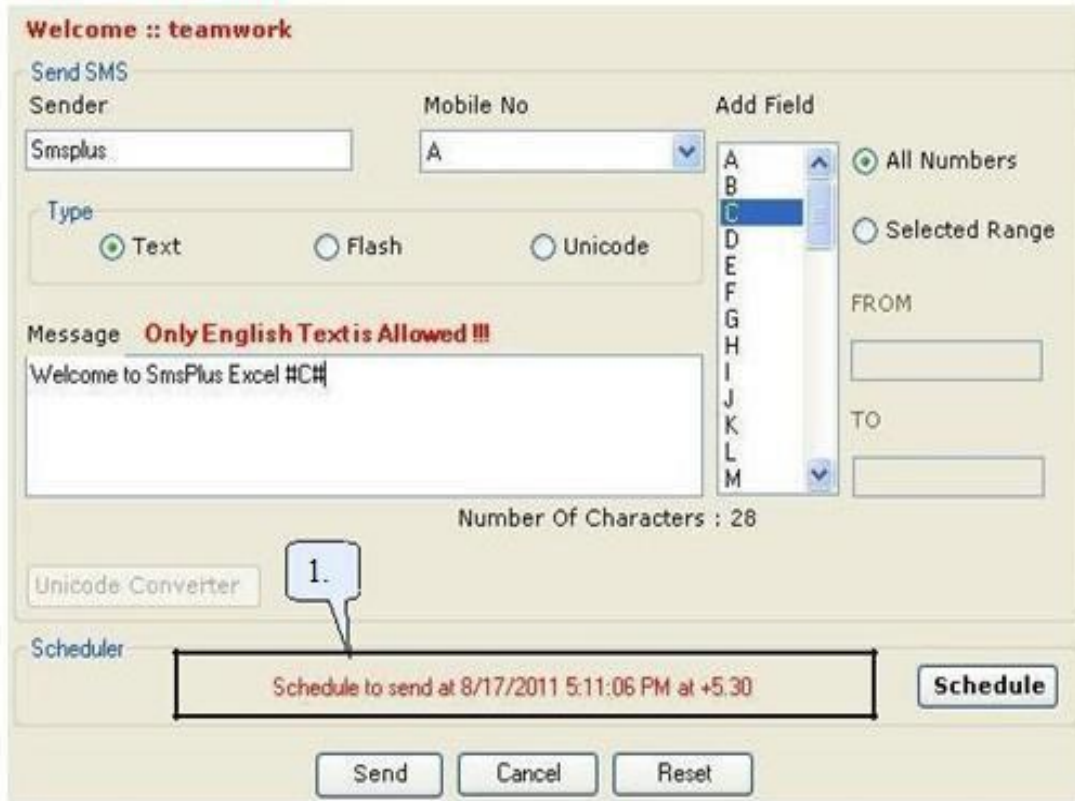
After user has filled all the fields properly but user want to send these later then user can schedule the messages as with date and time specifications by clicking schedule button. When user click schedule button a form will open which is shown as.



1. Select the time zone which user will prefer.
2. Select the Date on which you want to schedule it.
3. Select the time.
Note that time should be greater than current time.
4. Ok button will set the schedule & a message box is shown as you press Ok then Schedule will be displayed on the send sms page as we show in next picture.
5. Reset button will reset all the fields to initial state.

Scheduled Message

The Message is scheduled as shown below:



The screenshot shows a web-based interface for sending SMS. The title is "Welcome :: teamwork". The "Send SMS" section includes a "Sender" field with "Smsplus" and a "Mobile No" dropdown with "A". The "Type" section has radio buttons for "Text" (selected), "Flash", and "Unicode". The "Message" field contains "Welcome to SmsPlus Excel #C#" and a warning "Only English Text is Allowed !!!". The "Number Of Characters" is 28. The "Scheduler" section shows a box with the text "Schedule to send at 8/17/2011 5:11:06 PM at +5.30" and a "Schedule" button. A callout box labeled "1." points to the scheduler box. Other buttons include "Unicode Converter", "Send", "Cancel", and "Reset".

1. Displays the scheduled Time, Date and Time Zone that user had selected during scheduling.

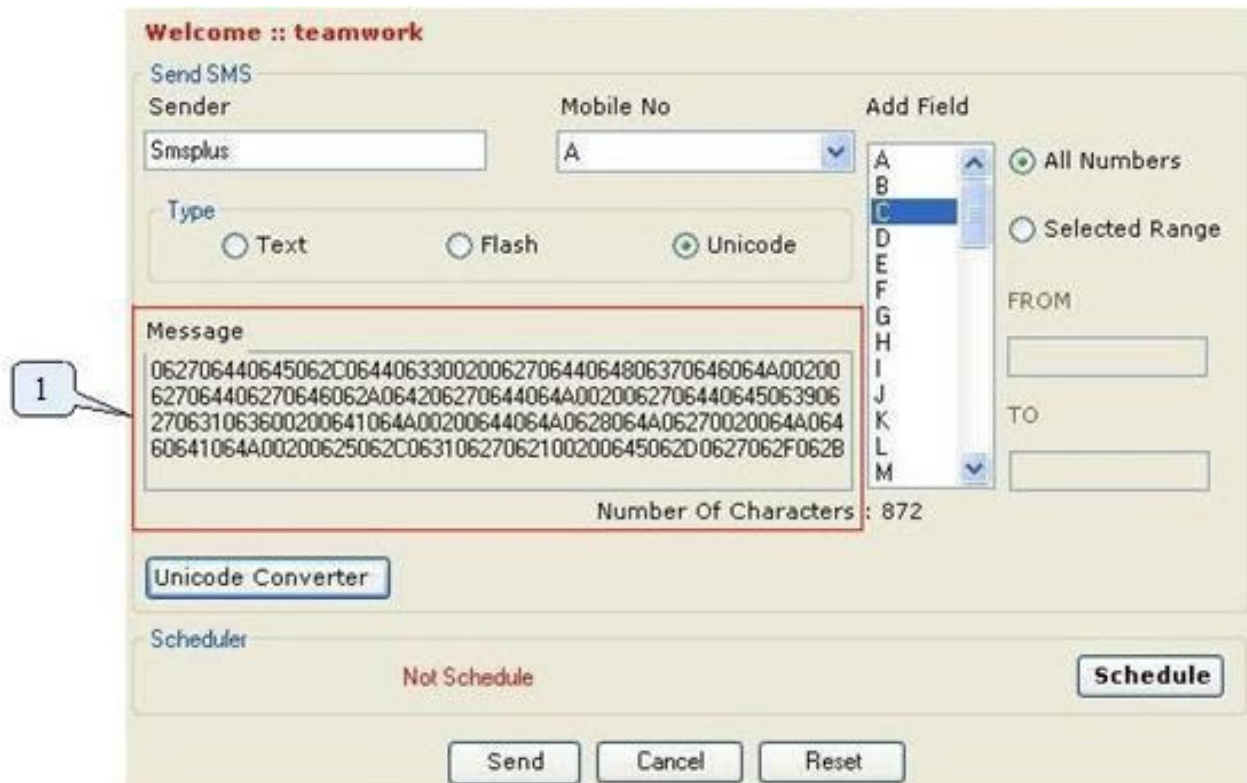
Unicode Converter

When we select the radio button Unicode type then this form will open as.

1. Select type of message which can be converted into a Unicode message i.e. Normal or Arabic.
2. Enter text of message to convert into a Unicode message.
3. Shows the number of messages.
4. Shows the number of characters in a message.
5. Shows the converted Unicode message when user hits the convert button.
6. Shows the length of the Unicode message.
7. When user hits the convert button written message get converted into Unicode message & shown in step 5.
8. Reset button reset every field to initial stage.
9. When user hits the set as message button then Unicode message is send to the message field of send message form; as shown in next step.

Unicode Message

After a message is converted into Unicode form.



Welcome :: teamwork

Send SMS

Sender: Smsplus Mobile No: A Add Field

Type: Text Flash Unicode

Message: 062706440645062C06440633002006270644064806370646064A00200627064406270646062A064206270644064A0020062706440645063906270631063600200641064A00200644064A0628064A06270020064A06460641064A00200625062C06310627062100200645062D0627062F062B

Number Of Characters : 872

Unicode Converter

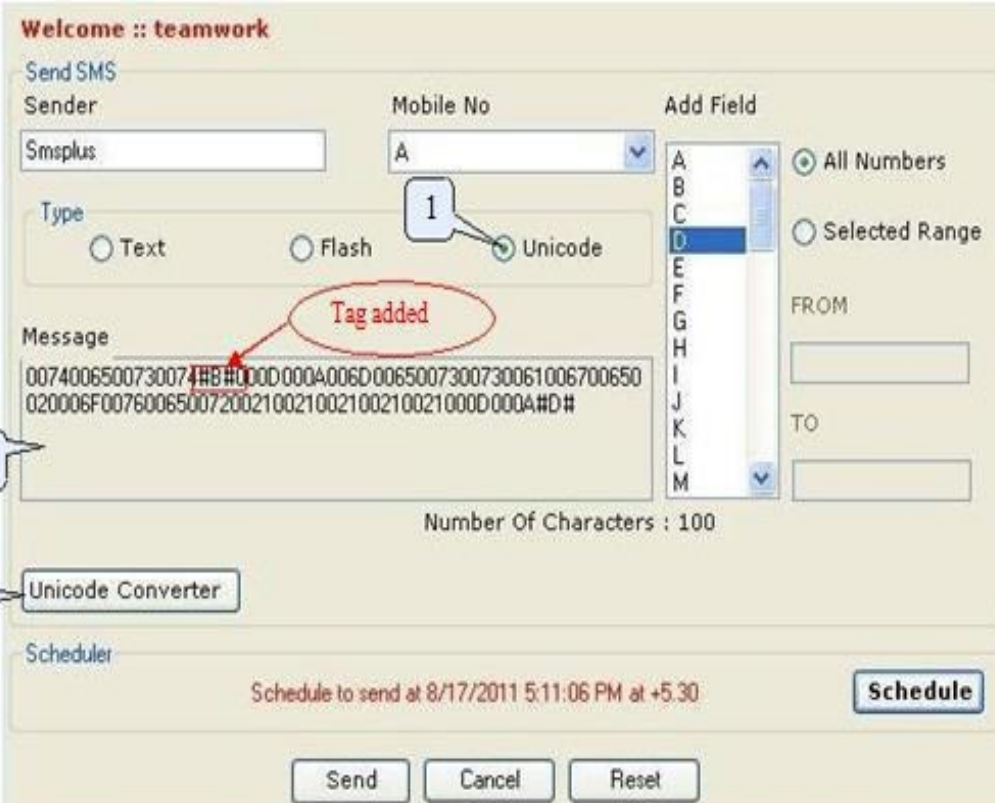
Scheduler: Not Schedule Schedule

Send Cancel Reset

Message after it is converted into Unicode message from Unicode converter and button 'Set as Message' is hit by user. After this user can either send this directly or schedule this for sending. In this number of characters in total is shown.

Personalized Unicode Message

If user want to send Personalized Unicode Message then, user has to select Unicode Type and in the Message add Fields of Excel which contains message to be sent.

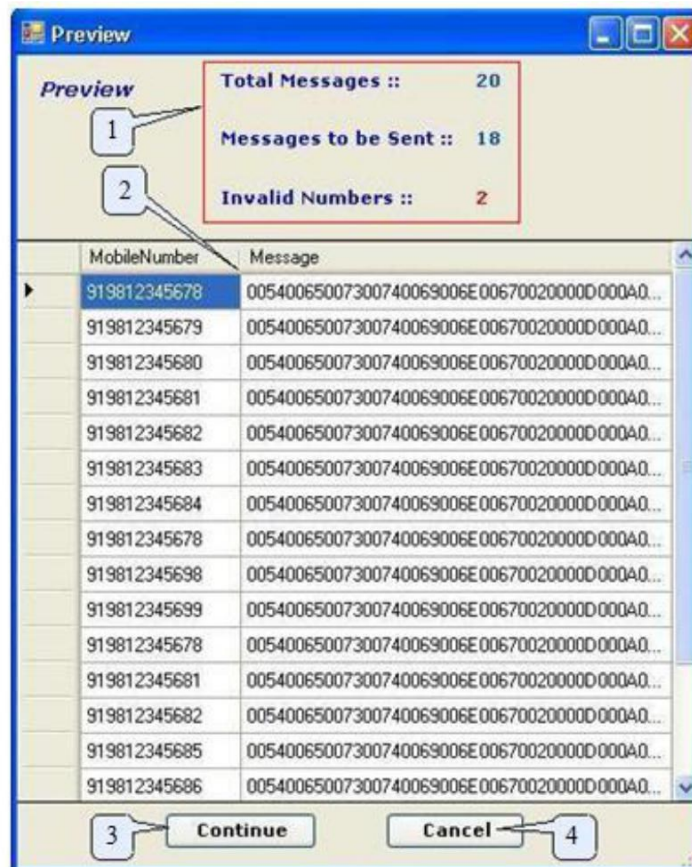


The screenshot shows a web interface for sending SMS. At the top, it says "Welcome :: teamwork". Below that, there's a "Send SMS" section. The "Sender" is "Smsplus" and "Mobile No" is "A". The "Type" is set to "Unicode" (radio button selected). The "Message" field contains a long string of Unicode characters: "0074006500730074#B#00D000A006D0065007300730061006700650020006F00760065007200210021002100210021000D000A#D#". A red circle around the "#B#" tag is labeled "Tag added". To the right, there's an "Add Field" dropdown menu with letters A-M, and radio buttons for "All Numbers" and "Selected Range". Below the message field, it says "Number Of Characters : 100". At the bottom, there's a "Unicode Converter" button, a "Scheduler" section with a scheduled time "8/17/2011 5:11:06 PM at +5.30", and a "Schedule" button. At the very bottom are "Send", "Cancel", and "Reset" buttons.

1. Select Unicode Radio button which will open new Window where one can type required characters of message in any language which gets converted to Unicode format and set as Message shown in Step 2.
2. Message field will display the Unicode message and selected tags while sending messages in Unicode form. Then either we can schedule these messages or send directly.
3. Unicode Converter button when clicked Unicode converter window will get opened where user can type required characters of message in any language which gets converted to Unicode format and then set it as Unicode Message.

Previewing Personalized Unicode Message

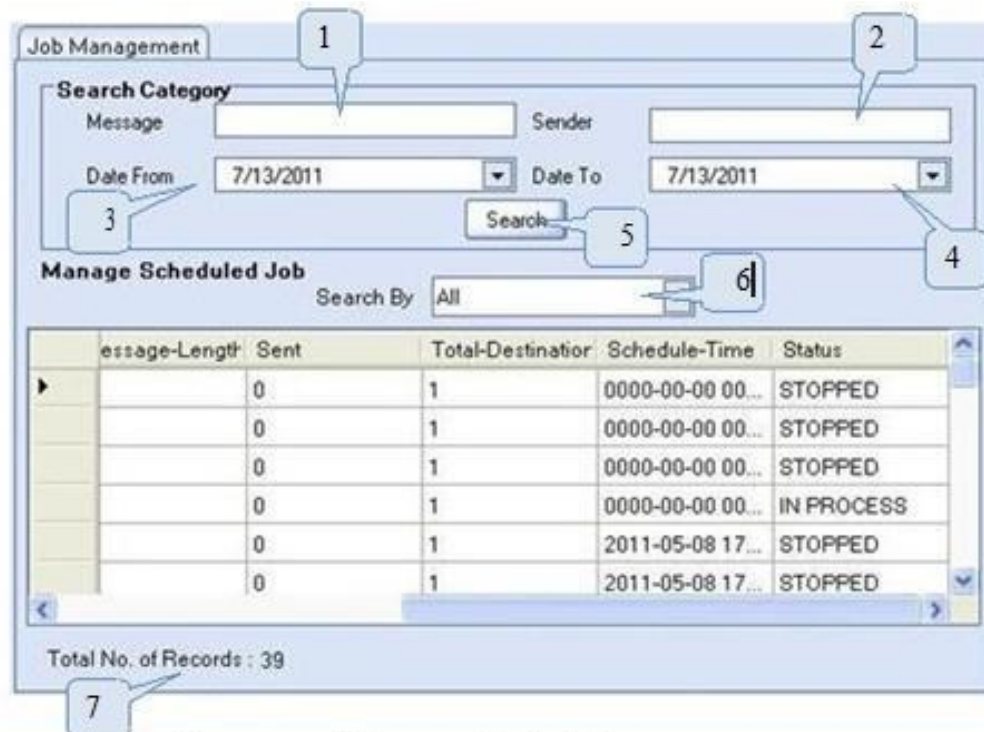
When user send the personalized Unicode message it will get converted into Unicode message and will be shown in preview as:



1. Total number of messages, Total number of messages to be send and number of Invalid Messages found from total number of messages whenever personalized Unicode messages to be sent.
2. Preview of phone numbers and converted Unicode messages to be sent.
3. After clicking continues button messages will be sent to the list previewed.
4. Cancel button will cancel the process and get back to the send sms form.

Job Management

Job Management option displays details of the jobs uploaded by the user from Send SMS.



Job Management

Search Category

Message Sender

Date From Date To

Manage Scheduled Job

Search By

Message-Length	Sent	Total-Destination	Schedule-Time	Status
	0	1	0000-00-00 00...	STOPPED
	0	1	0000-00-00 00...	STOPPED
	0	1	0000-00-00 00...	STOPPED
	0	1	0000-00-00 00...	IN PROCESS
	0	1	2011-05-08 17...	STOPPED
	0	1	2011-05-08 17...	STOPPED

Total No. of Records : 39

1. Enter message details to search for a particular job.
2. Enter sender to search for a particular job.
3. Select Start Date.
4. Select End Date.
5. Click here to search the specified Details.
6. Select to view selected Job.
7. Shows Total Number of Records in Job Management.

Job Management

Search Category

Message: Sender:

Date From: Date To:

Manage Scheduled Job

Search By:

Message-Length	Sent	Total-Destination	Schedule-Time	Status
11	0	1	2011-07-26 17:0...	SCHEDULED

Total No. of Records: 4

1. Select Start Date.
2. Select End Date.
3. Click here to search the Details between the selected date ranges.
4. Shows Total Number of Records matching Search Criteria in Job Management.

Job Management

Search Category

Message: Sender:

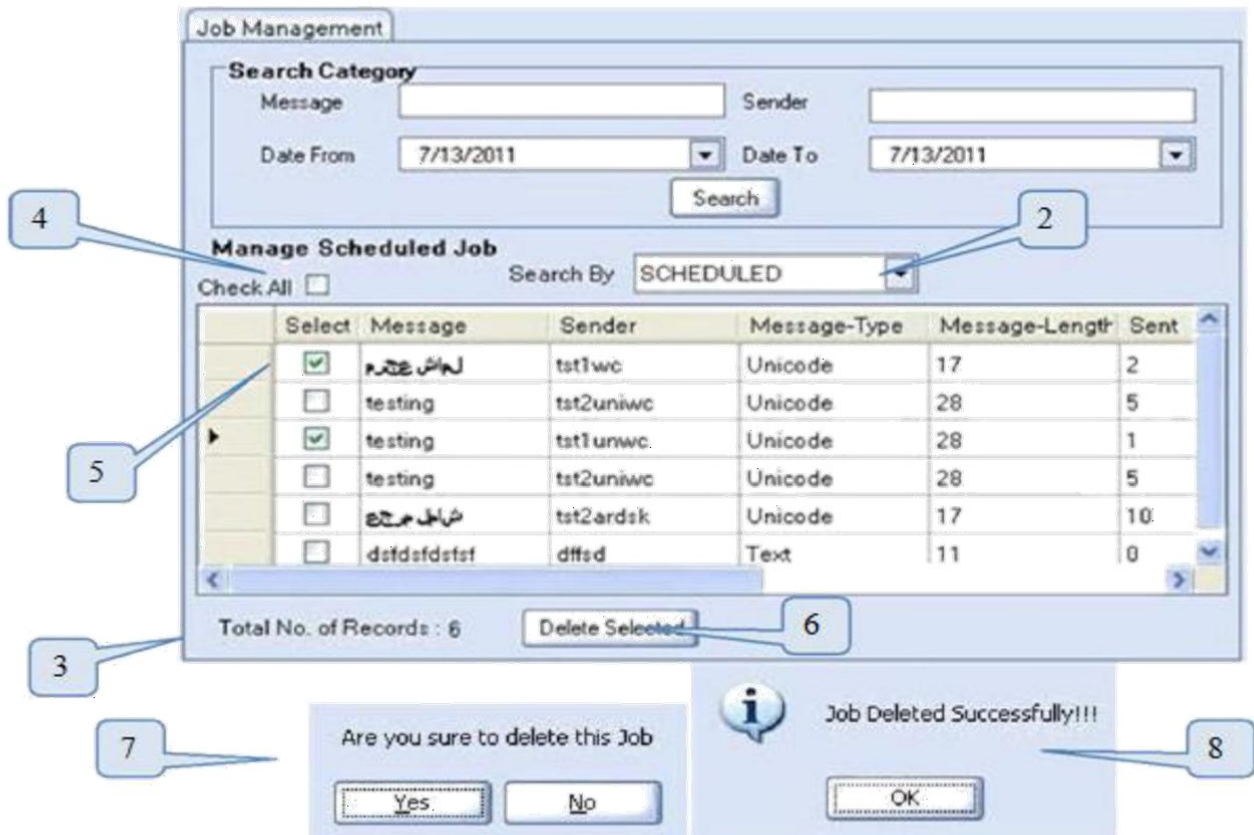
Date From: Date To:

Manage Scheduled Job

Search By:

Message-Length	Sent	Total-Destination	Schedule-Time	Status
	0			WAITING FOR EXECUT...
	0		00 00...	STOPPED
	0		00 00...	STOPPED
	0		00 00...	STOPPED
	0		00 00...	IN PROCESS
	0	1	2011-05-08 17...	STOPPED
	0	1	2011-05-08 17...	STOPPED

Total No. of Records : 39



Job Management

Search Category
 Message Sender
 Date From Date To

Manage Scheduled Job
 Check All Search By

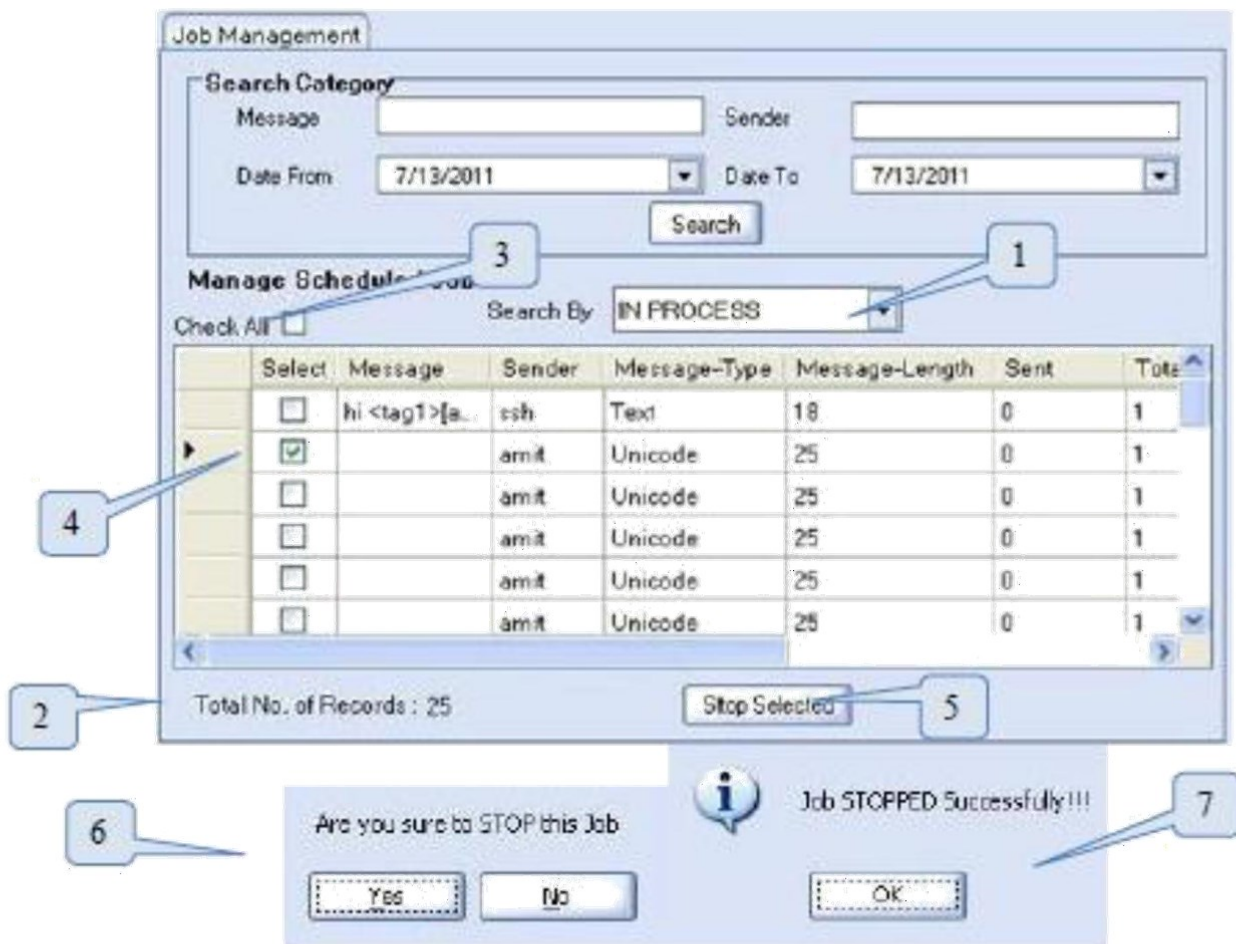
Select	Message	Sender	Message-Type	Message-Length	Sent
<input checked="" type="checkbox"/>	لنشاء عتوم	tst1wvc	Unicode	17	2
<input type="checkbox"/>	testing	tst2uniwvc	Unicode	28	5
<input checked="" type="checkbox"/>	testing	tst1unwvc	Unicode	28	1
<input type="checkbox"/>	testing	tst2uniwvc	Unicode	28	5
<input type="checkbox"/>	شرايط مرجع	tst2ardsk	Unicode	17	10
<input type="checkbox"/>	dsfdfsdfstf	dffsd	Text	11	0

Total No. of Records : 6

Are you sure to delete this Job

Job Deleted Successfully!!!

1. Select the Particular Job you want to view. 1a. Shows all jobs.
2. Only SCHEDULED Jobs can be displayed.
3. Shows Total Number of Records matching Search by Job Selected.
4. Click here to select all records.
5. Click here to Select one by one record.
6. Click here to delete Selected Jobs.
7. Message box confirming whether to delete the details or not.
8. Display Message box after confirming the Deletion.



Job Management

Search Category: Message Sender
 Date From: 7/13/2011 Date To: 7/13/2011

Manage Schedule Job

Check All Search By: IN PROCESS

Select	Message	Sender	Message-Type	Message-Length	Sent	Total
<input type="checkbox"/>	hi <tag1>[a...	ssh	Text	18	0	1
<input checked="" type="checkbox"/>		amit	Unicode	25	0	1
<input type="checkbox"/>		amit	Unicode	25	0	1
<input type="checkbox"/>		amit	Unicode	25	0	1
<input type="checkbox"/>		amit	Unicode	25	0	1
<input type="checkbox"/>		amit	Unicode	25	0	1

Total No. of Records : 25

Are you sure to STOP this Job

Job STOPPED Successfully!!!

Yes No OK

1. Only IN PROCESS Job can be displayed
2. Shows Total Number of Records matching Search by Job Selected.
3. Click here to select all records.
4. Click here to Select one by one record.
5. Click here to STOP Selected Jobs.
6. Message box confirming whether to Stop the job or not.
7. Display Message box after confirming the Stopped Job.

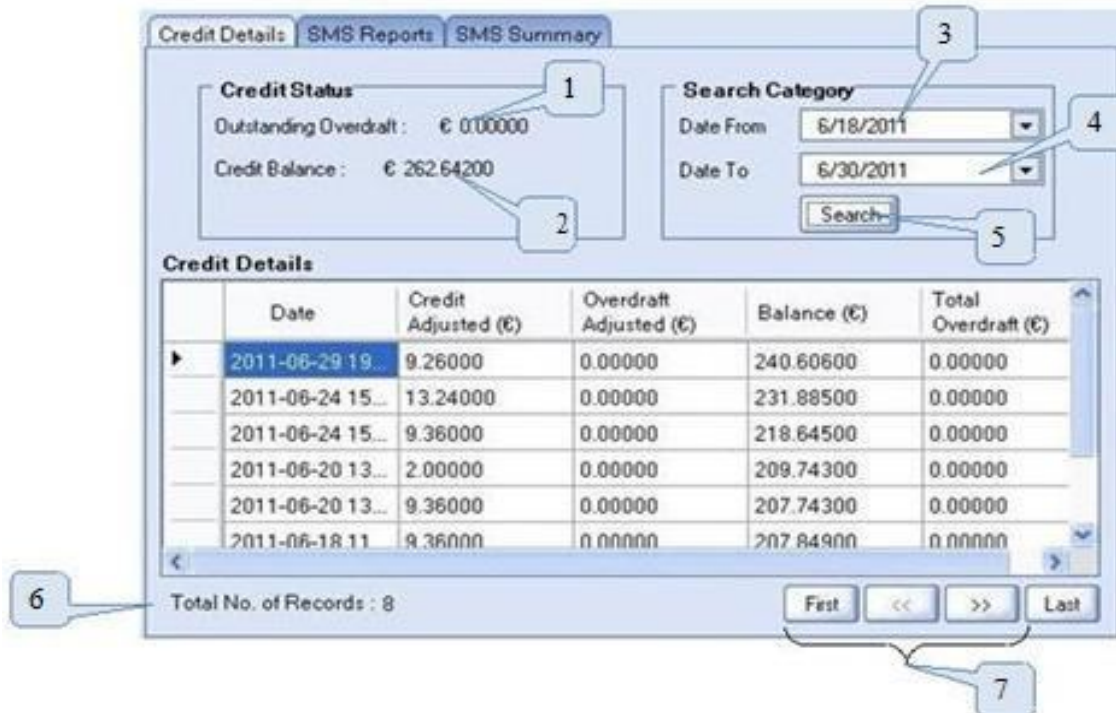
Reports

Reports enables user to view details of messages sent by User and delivery status of sent messages along with detailed credit usage and current day's statistics. Following reports are available for the users:

- Credit Details.
- SMS Reports.
- SMS Summary.

Credit Details:

Credit Detail report displays the current credit balance and the outstanding Over-Draft. It also displays the credit change log for the selected time interval. To get the credit change log details select the Start and End Date and then click Search button.



The screenshot shows the 'Credit Details' report interface. At the top, there are three tabs: 'Credit Details', 'SMS Reports', and 'SMS Summary'. The 'Credit Details' tab is active. On the left, under 'Credit Status', there are two fields: 'Outstanding Overdraft : € 0.00000' (callout 1) and 'Credit Balance : € 262.64200' (callout 2). On the right, under 'Search Category', there are two date pickers: 'Date From' (set to 6/18/2011, callout 3) and 'Date To' (set to 6/30/2011, callout 4). Below the date pickers is a 'Search' button (callout 5). Below the search fields is a table titled 'Credit Details' with the following columns: Date, Credit Adjusted (€), Overdraft Adjusted (€), Balance (€), and Total Overdraft (€). The table contains 8 rows of data, with the first row highlighted (callout 6). Below the table, there is a 'Total No. of Records : 8' label (callout 6) and a set of navigation buttons: 'First', '<<', '>>', and 'Last' (callout 7).

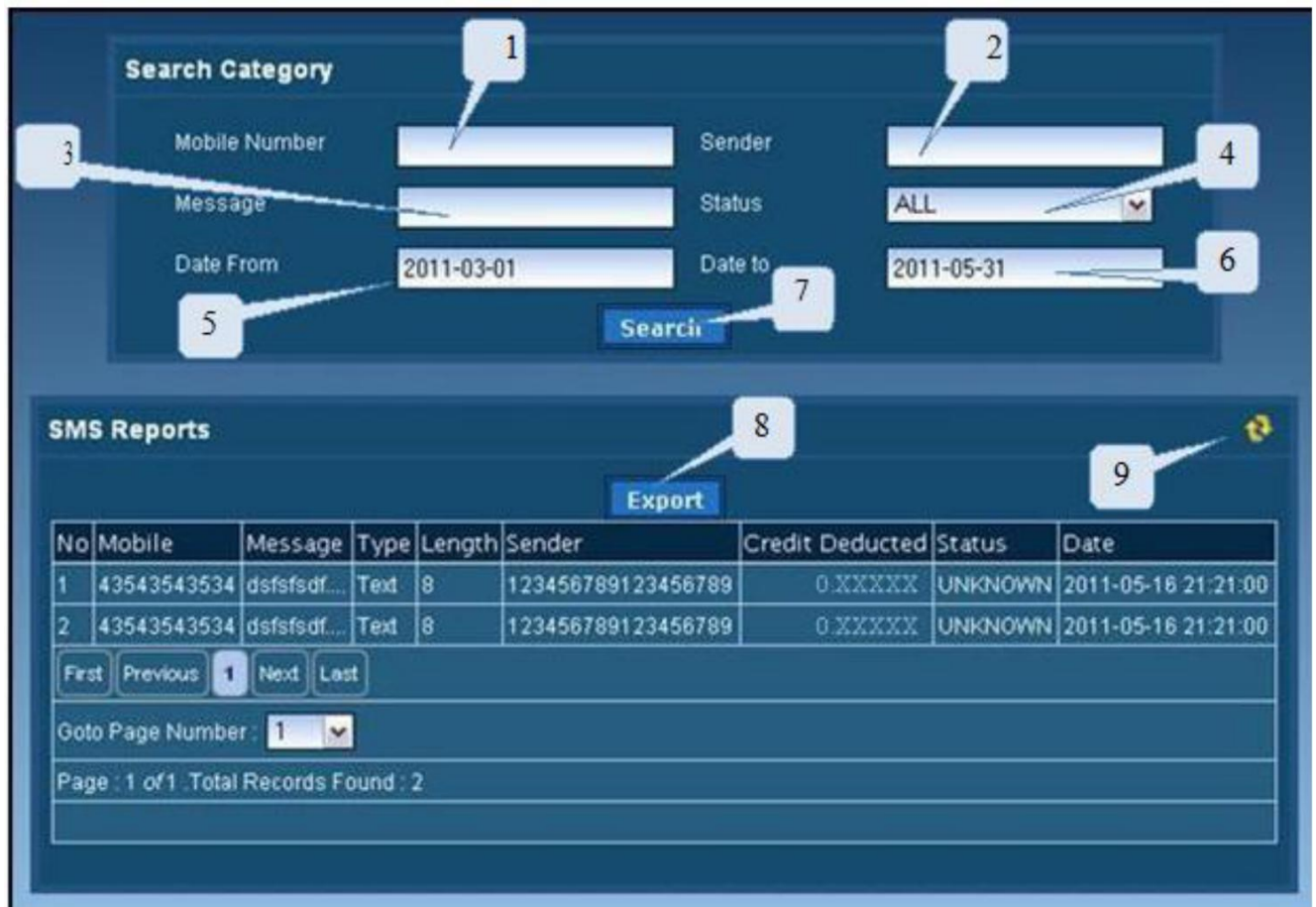
Date	Credit Adjusted (€)	Overdraft Adjusted (€)	Balance (€)	Total Overdraft (€)
2011-06-29 19...	9.26000	0.00000	240.60600	0.00000
2011-06-24 15...	13.24000	0.00000	231.88500	0.00000
2011-06-24 15...	9.36000	0.00000	218.64500	0.00000
2011-06-20 13...	2.00000	0.00000	209.74300	0.00000
2011-06-20 13...	9.36000	0.00000	207.74300	0.00000
2011-06-18 11	9.36000	0.00000	207.84900	0.00000

1. Displays the current Over-Draft credit.
2. Displays the current credit balance.
3. Select Start Date.
4. Display Select End Date.
5. Click here to get the credit change log.
6. Shows Number of records found between Start and End Date.
7. Click here to view the records in the respective pages.

SMS Report:

SMS Report displays the detailed information of all sent SMS and price charged along with delivery status for selected date range. User can search for a particular mobile number, sender or message details by adding search filters.

User can also export SMS report in comma-separated value format (.csv).



The screenshot shows the SMS Report interface. It includes a search form with fields for Mobile Number, Message, Date From, Date to, Sender, Status, and a Search button. Below the search form is an SMS Reports table with columns for No, Mobile, Message, Type, Length, Sender, Credit Deducted, Status, and Date. The table contains two rows of data. Below the table are navigation buttons (First, Previous, Next, Last), a Goto Page Number dropdown, and a status bar showing Page 1 of 1 and Total Records Found: 2. Numbered callouts 1-9 point to various elements: 1 (Mobile Number), 2 (Sender), 3 (Message), 4 (Status), 5 (Date From), 6 (Date to), 7 (Search button), 8 (Export button), and 9 (Refresh button).


No	Mobile	Message	Type	Length	Sender	Credit Deducted	Status	Date
1	43543543534	dsfsfsdf...	Text	8	123456789123456789	0.XXXXXX	UNKNOWN	2011-05-16 21:21:00
2	43543543534	dsfsfsdf...	Text	8	123456789123456789	0.XXXXXX	UNKNOWN	2011-05-16 21:21:00

1. Enter Mobile Number.
2. Enter Sender.
3. Enter Message details.
4. Select Delivery Status.
5. Select Start Date.
6. Select End Date
7. **Click here to get the details of the specified data.**
8. Click here to download report in .csv format
9. Click here to refresh

SMS Summary:

SMS Summary displays the date-wise sent SMS count and total price charged along with country-operator details for selected date range.

User can also view summary for particular country and operator by selecting them depending on user preference.



Search Category

Country: (1)

Operator: (2)

Date From: (3)

Date to: (4)

Arrange By: Date Country Operator (5)

(6)

(7)

Summary Reports

No	Date	Country	Operator	Message	Message Parts	Charge (€)
Total				64	74	0.XXXXX
1	2011-05-18	India	All India	8	8	0.XXXXX
2	2011-05-17	India	All India	1	1	0.XXXXX
3	2011-05-16	India	All India	17	25	0.XXXXX
4	2011-05-14	India	All India	36	38	0.XXXXX
5	2011-05-14	Iran		1	1	0.XXXXX
6	2011-05-14	null	null	1	1	0.XXXXX

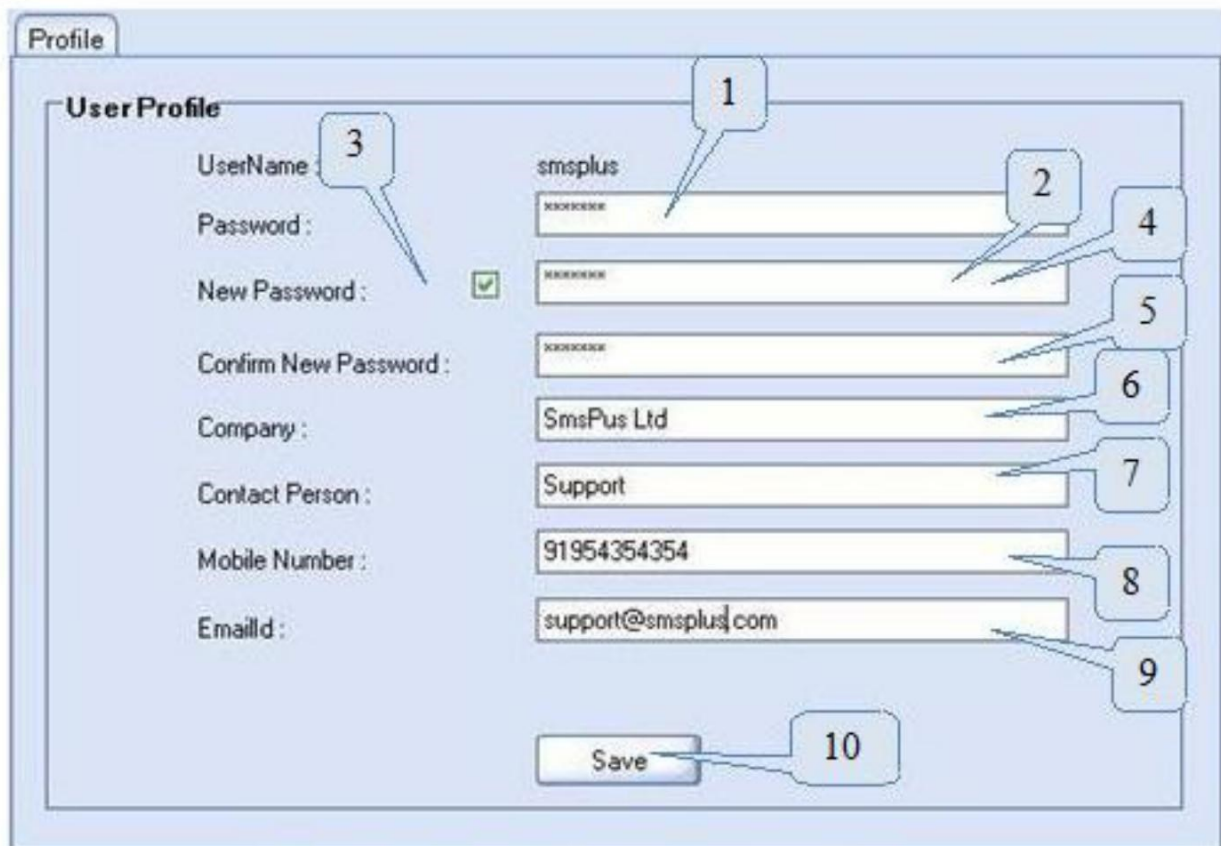
Goto Page Number:

Page : 1 of 1 . Total Records Found : 6

1. Select country.
2. Select operator.
3. Select Start Date.
4. Select End Date
5. Click here to arrange by date, country and operator
6. **Click here to get the details of the specified data.**
7. Click here to refresh

User Profile

User Profile enables to modify user details like password, company, contact person, contact number and email id. All the details are mandatory. To change password, click the checkbox beside the new password field as shown below.



The screenshot shows a web form titled "User Profile" within a "Profile" tab. The form contains the following fields and a "Save" button, each with a numbered callout:

- 1**: Username field containing "smsplus".
- 2**: Password field containing masked characters.
- 3**: Password label.
- 4**: New Password field containing masked characters.
- 5**: Confirm New Password field containing masked characters.
- 6**: Company field containing "SmsPus Ltd".
- 7**: Contact Person field containing "Support".
- 8**: Mobile Number field containing "91954354354".
- 9**: Emailid field containing "support@smsplus.com".
- 10**: Save button.

Additional form elements include a checkbox next to the "New Password" field which is checked, and a "Profile" tab at the top left.

- 1.** This displays the username for the logged in user.
- 2.** Enter password, required for validation of the user.
- 3.** Click the Check box to change the password.
- 4.** If password has to be changed the click the checkbox and enter New Password.
- 5.** Re-type the new password to confirm new password.
- 6.** Enter the company name.
- 7.** Enter the contact person name in the company.
- 8.** Enter the mobile number for the contact person.
- 9.** Enter the valid email-id for the contact person or company.
- 10.** Click here to save the updated User Details.

Coverage Details

Coverage Details provides the coverage information of the user. User can view the default price, the assigned pricing and the special prefix pricing.



Coverage Details Of : smsplus Default Price : € 0.XXXXXX

Assigned Pricing		
Country	Operator	Price (€)
Saudi Arabia	Ethad Etisalat Company (Mobily)	0.XXXXXX
	Saudi Telecom Company (STC)	0.XXXXXX
	zain	0.XXXXXX
South Africa	cell c	0.XXXXXX
	USAL licence holders	0.XXXXXX
United Arab Emirates	etisalat	0.XXXXXX
United Kingdom-G-I-J	UK Hutchison 3G Ltd	0.XXXXXX
	Cable & Wireless Guernsey Ltd	0.XXXXXX

Special Prefix Pricing			
Country	Operator	Prefix	Price (€)
Hong Kong	Peoples TC	85248	0.XXXXXX
		85260	0.XXXXXX
	New World PCS Ltd	852978	0.XXXXXX
Saudi Arabia	zain	96659	0.XXXXXX
South Africa	mtn	2778	0.XXXXXX
		2783	0.XXXXXX
Spain	Vodafone	34617	0.XXXXXX
		34610	0.XXXXXX

Recent User Routing Change Log / RecentSpecial Prefix Pricing Change Log

1. Displays the default price assigned to the user
2. Click here to download Coverage Detail report in pdf format
3. Click here to view the recent assigned routing changed logs
4. Click here to view the recent special prefix routing changed logs

User can also view the last seven days routing changed logs and special prefix pricing changed logs.

Recent User Routing Change Log / RecentSpecial Prefix Pricing Change Log					
Routing Change Log					
Country	Operator	Old Price (€)	New Price (€)	Status	Date
South Africa	vodacom	0.XXXXXX	0.XXXXXX	UPDATED	2011-06-08 11:47:56
United Kingdom-G-I-J	T-Mobile (UK) Ltd	0.XXXXXX	0.XXXXXX	DELETED	2011-06-08 11:47:47
	UK O2 LTD(BT)	0.XXXXXX	0.XXXXXX	UPDATED	2011-06-08 11:47:47
	UK Orange	0.XXXXXX	0.XXXXXX	DELETED	2011-06-08 11:47:47

Recent User Routing Change Log / RecentSpecial Prefix Pricing Change Log					
Master Routing Change Log					
Country	Operator	Old Price (€)	New Price (€)	Status	Date
Spain	Vodafone	0.XXXXXX	0.XXXXXX	UPDATED	2011-06-08 11:48:18
		0.XXXXXX	0.XXXXXX	DELETED	2011-06-08 11:48:18