attenzoSMS manual
version 1.2

VERSION HISTORY

Version 1.0 - First version of attenzoSMS manual.

Version 1.1 – Minor updates.

Version 1.2 – A note on «Import Contacts» section regarding importing contacts from excel.

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2 INSTALLATION

You can visit http://www.attenzosms.com/download to obtain the application. There are two ways to install it

1) Through the automatic installation, by clicking on '*install now*' – ***figure 2.1.1***
2) By downloading the binary file from http://www.attenzosms.com/files/appinstall/attenzoSMS.zip

If you choose the second option, unzip the downloaded zip file and execute the air file inside. You will have to have Adobe AIR environment installed in your computer. You can download it and install it here: http://get.adobe.com/air/

If you choose the first option, the above will be handled automatically by the installer.

2.1.1 Automatic installation

3 REGISTRATION

After installing the application, you will have to make a registration. ***Figure 3.1.1*** shows the registration screen.

3.1.1 Registration screen

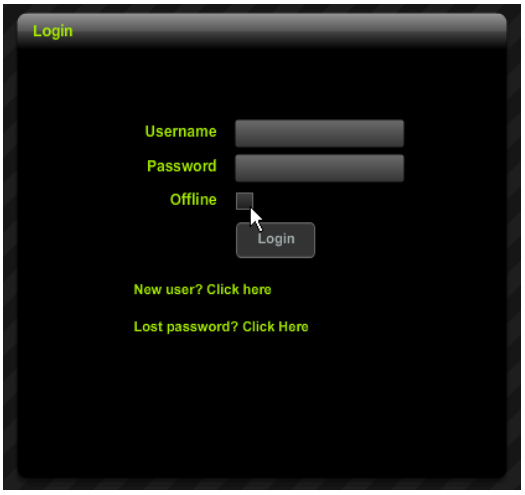
Note:

All the entries are compulsory. When typing on the '*mobile number*' entry make sure you don't put your country prefix there as it will be included by the '*Country*' list.

4 LOGIN

4.1 Login

Figure 4.1.1 shows the Login screen



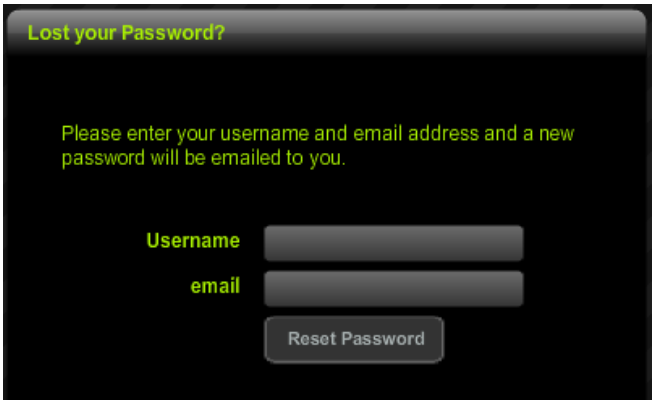
4.1.1 Login screen

Note:

By checking on '*Offline mode*' box you will be able to login without connecting to your online account. This is useful if you don't have an internet connection or if you just want to prepare messages and send them at a later time.

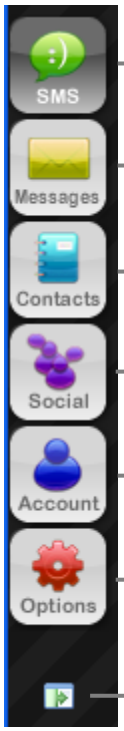
4.2 Lost password

If have already registered and you don't remember your password, you can request a new one by clicking on '*Lost password*' button. By entering your email and username a new random password will be emailed to you. ***Figure 4.2.1*** shows the '*Lost password*' screen.



4.2.1 Lost password screen

5 MAIN BUTTONS



Shows the SMS panel. The SMS message is prepared and sent through this panel.

Shows the messages panel. All message history is contained here: offline messages, sent, scheduled and archived messages.

Shows the contacts panel. This is where all your contacts and their details are imported and displayed.

Shows the social panel where you can control your social networks, import friends and update your status.

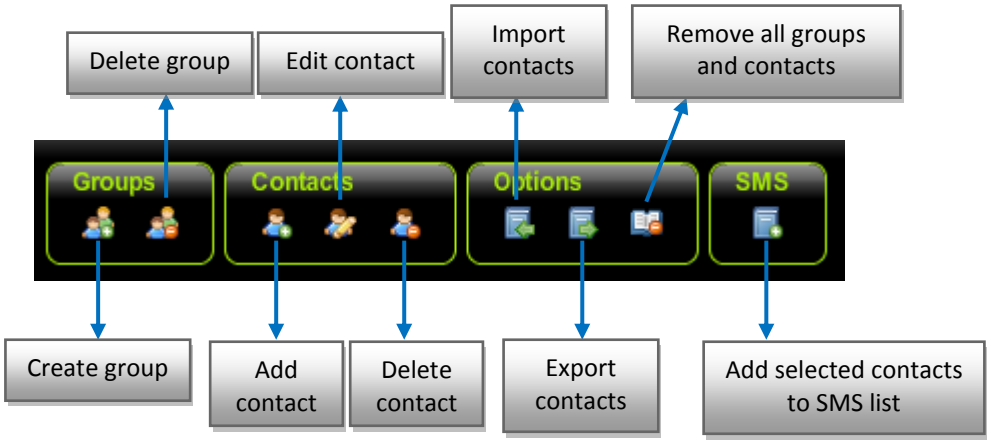
Shows the account panel where you can insert a credit voucher, see your past purchases, your profile information and change your password.

Shows the options panel. Here you can customize the behavior of each panel and the general settings of the application.

Switches the tabs direction between horizontal and vertical.

6 CONTACTS

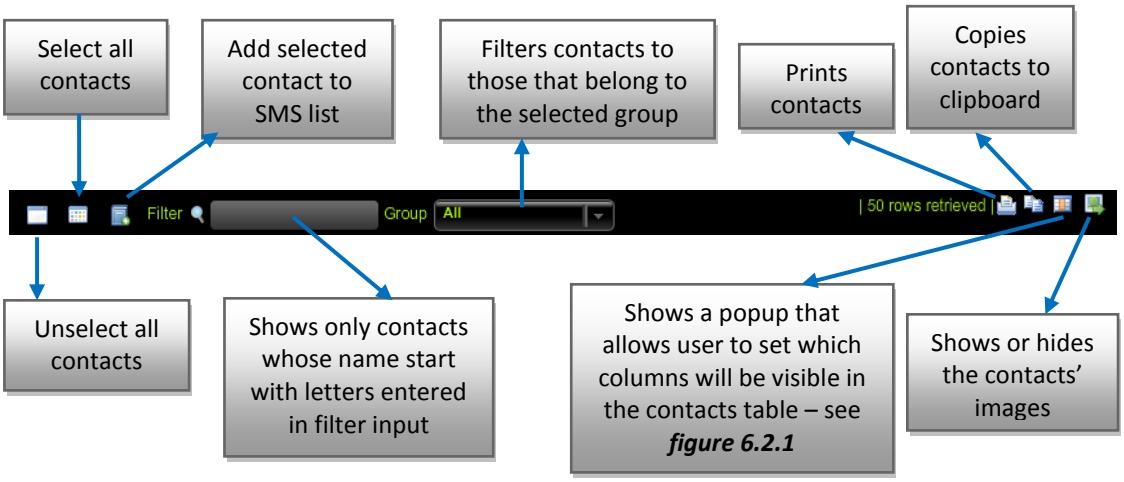
6.1 Contacts operations

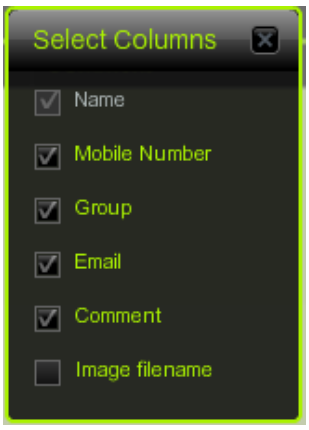


Note:

Every contact must belong to one group. You will have to create a new group before adding a contact. Future versions will allow a contact to belong in more than one group.

6.2 Filters operations



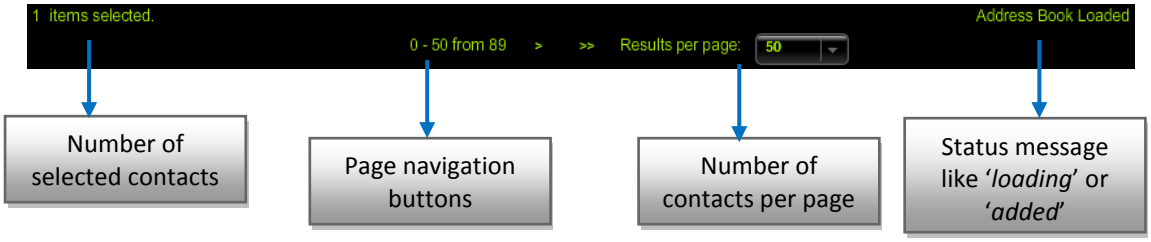


6.2.1 Show/hide columns popup allows you to select which columns will be visible to the contacts' table

Tip – Columns selection

By hiding the contacts' images you will be able to see more contacts without scrolling.

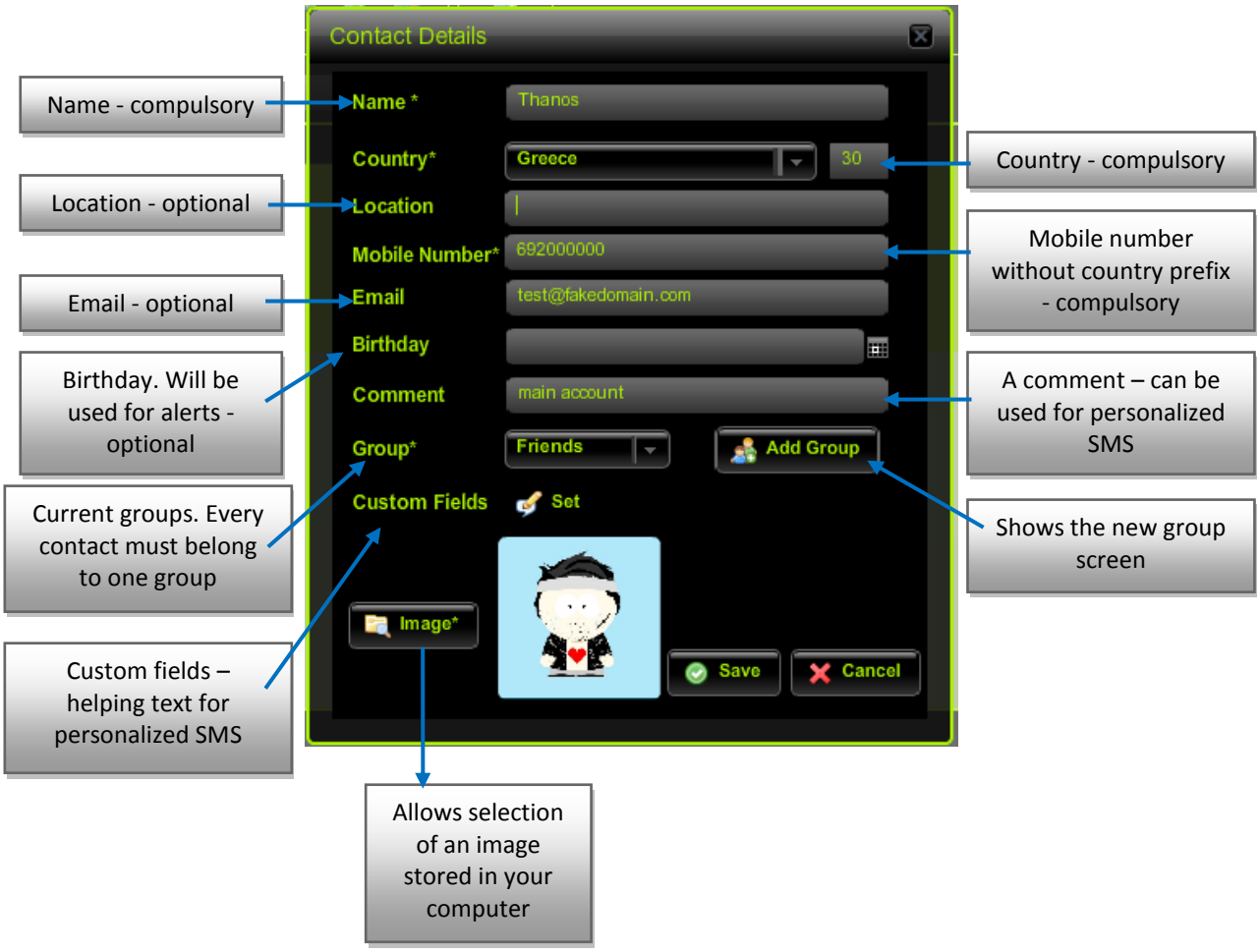
6.3 Paging and information operations



Tips:

- You can select more than one contact by holding the control or shift key and clicking on a contact. Alternatively, you can use your mouse's right key on a contact's image and choose "select contact" on the menu that will appear.
- By selecting more than one contact you can delete or add them to SMS list at once.

6.4 Add contact

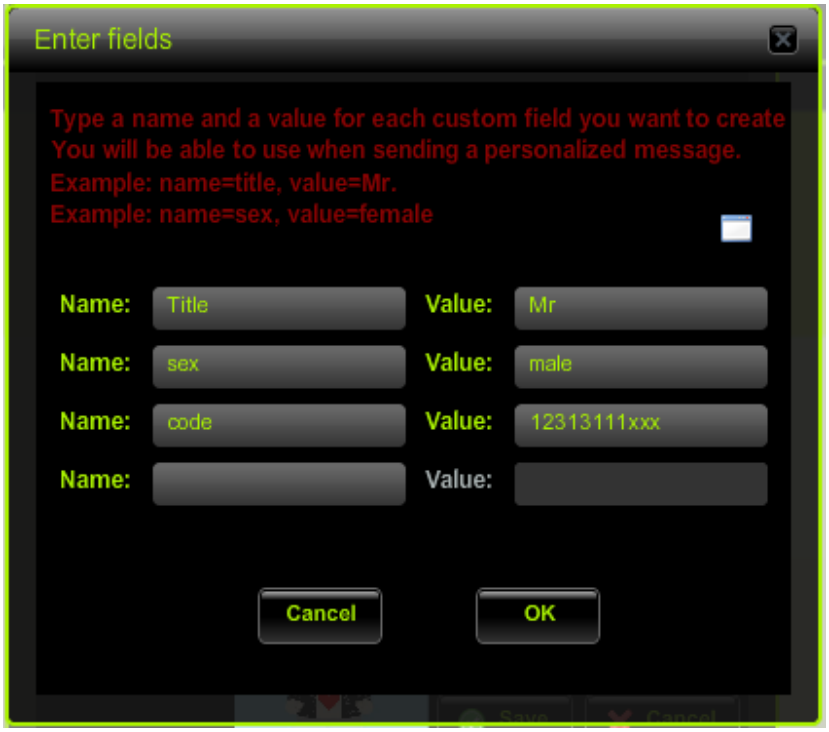


6.5 Custom fields

'*Custom fields*' is an advanced feature, accessible within the '*Add Contact*' window. You have the option to define your own texts parameters and values for any of your contacts and use them as shortcuts in the personalized message creation (explained in SMS chapter). ***Figure 6.5.1*** shows the custom fields screen.

You can define up to four custom fields. For example you can create a text with the name 'Title' and the value 'Mr'. Now, as will be explained in the SMS chapter, you can import the value "Title" as shortcut for your SMS message and the value "Mr" will be used.

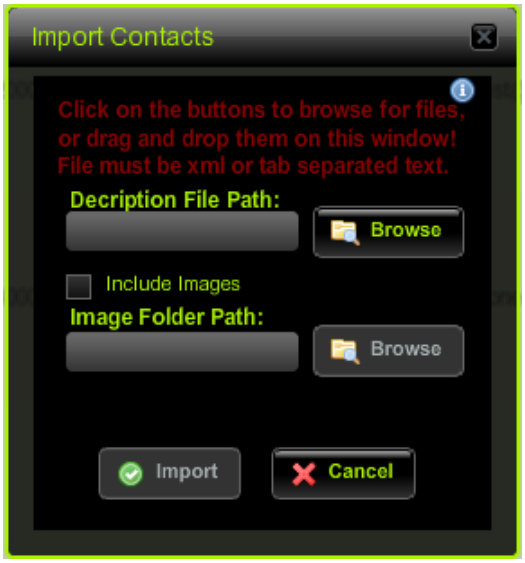
Each user can have different custom fields if desired. It is, however, recommended to have some common fields, like "Title" for all users, in order to easily use them inside a personalized message.



6.5.1 Custom fields window

6.6 Import contacts

Clicking on the '*import contacts*' button shows the import window:



Notes:

- The selected file should be either in XML format or a text file with tab separated values.
- If '*include images*' is selected, you can select a folder with the images that each contact should use. In this case, the xml or text file should contain the file names of the images, without their path.

Tip – XML structure:

```
<root>
 <item>
  <birthday />
  <custom>a comment here</custom>
  <email />
  <Groups>Friends</Groups>
  <image>avatar0010.jpg</image>
  <location />
  <msisdn>003069100000</msisdn>
  <Name>George</Name>
 </item>
 <item>
  <birthday />
  <custom />
  <email>none@some.co.uk</email>
  <Groups>Friends</Groups>
  <image>avatar0002.eye.jpg</image>
  <location />
  <msisdn>004477000000</msisdn>
  <Name>Mary</Name>
    </item>
 <item>
</root>
```

The above XML text will import two users: George and Mary.

Notes:

- The custom tag is used for the comment and the custom fields entries.
- You can use any text editor to create the XML file but is recommended to use an XML editor.
- If a group does not already exist in the contacts, it will be created automatically.

Tip – XML structure and custom fields

The '*custom fields*' details must follow a specific pattern. They are included inside the custom tag. For example, to import user Thanos with custom fields, the XML text must be constructed like:

```
<root>
 <item>
  <birthday>12,15,1978</birthday>
 <custom>main account~Title^Mr~sex^male~code^1231311xx~^</custom>
  <email />
  <Groups>Friends</Groups>
  <image>avatar0010.jpg</image>
  <location />
  <msisdn>003069100000</msisdn>
  <Name>George</Name>
 </item>
</root>
```

The ~ character is used for separating the comments and the fields from each other. The ^ is used to separate the name and the value of each custom field. The above custom text can be analyzed as:

- **Comment**=main account
- **Field 1 – Name**=Title **Value**=Mr
- **Field 2 – Name**=sex **Value**=male
- **Field 3 – Name**=code **Value**=1231311xx
- **Field 4 – Name**= **Value**= (empty)

Note:

Custom fields are ***only supported in an XML text*** and not a tab separated values text. If you want to include custom fields details when you import or export contacts, make sure you select the XML option.

Tip – Drag and drop

You can drag and drop the file or the images folder from your disk to the import window.

Tip – use Microsoft Excel to create a tab separated text file

You can use any text editor to create a tab separated values text file. However, you can easily do it using a spreadsheet like Microsoft excel. Create the necessary column and type the data under each column. To save the file choose "*save as->Other Formats->Text(Tab delimited) txt(*.txt)*". Note that all columns are **required** even if they don't include any data. ***Figure 6.6.1*** shows how the columns could look like.

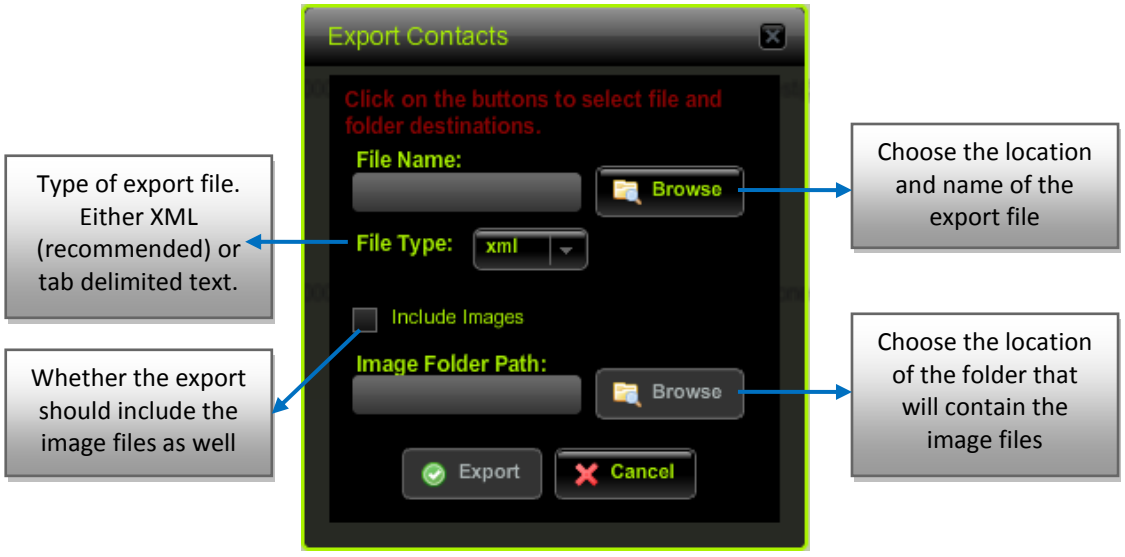
	A	B	C	D	E	F	G	H
1	Name	MSISDN	Image	Group	Email	Comment	Location	Birthday
2	George	3069100000	avatar0010.jpg	Friends				
3	Mary	4477000000	avatar0002.eye.jpg	Friends	none@some.co.uk			
4	Thanos	30692000000	mesouthpark.jpg	Friends	test@fakedomain.com	main account		

6.6.1- Creation of text import file with a spreadsheet program.

Tip – use Microsoft Excel to create an XML file

You can also save the above columns as xml file by choosing "*save as->Other Formats->XML Spreedsheet*". Prior saving the file you will have to define an *XML map* that will include the necessary tags that were described in the previous section. Check with Microsoft Excel's help to find out more about *XML maps*.

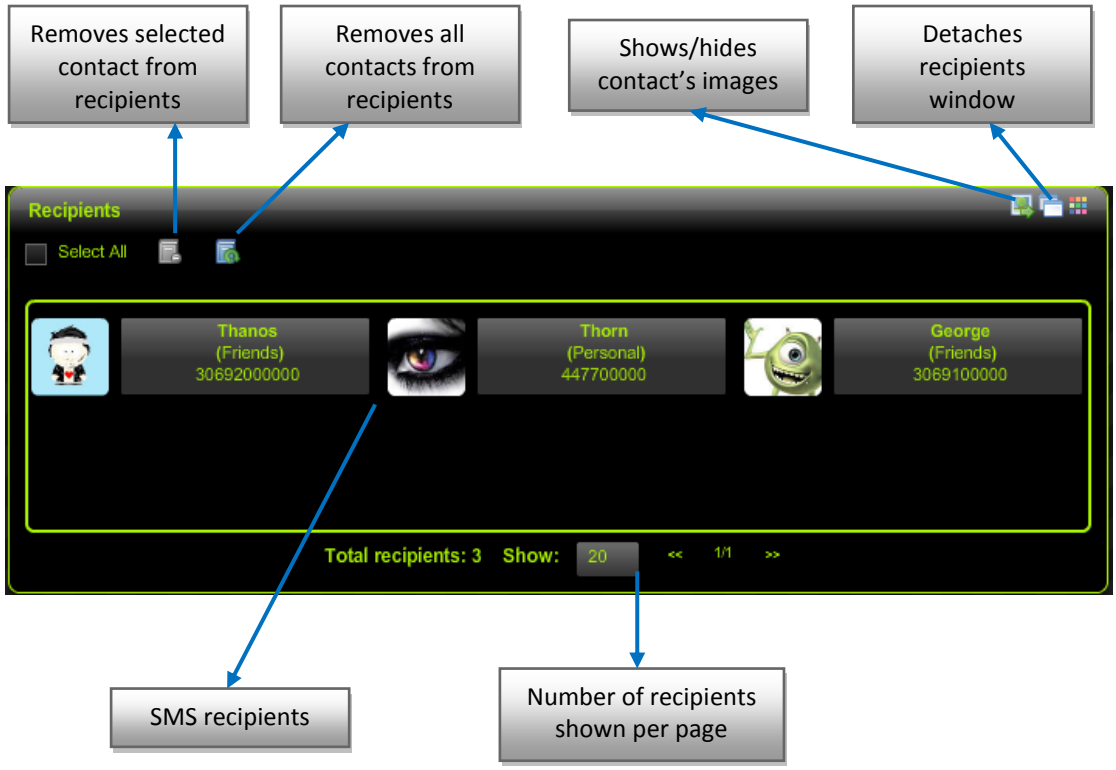
6.7 Export contacts



7 SMS PANEL

The SMS panel consists of two parts: the *SMS recipients* panel where the final recipients are shown (added from the *contacts panel*) and the *SMS message panel* where message details are set.

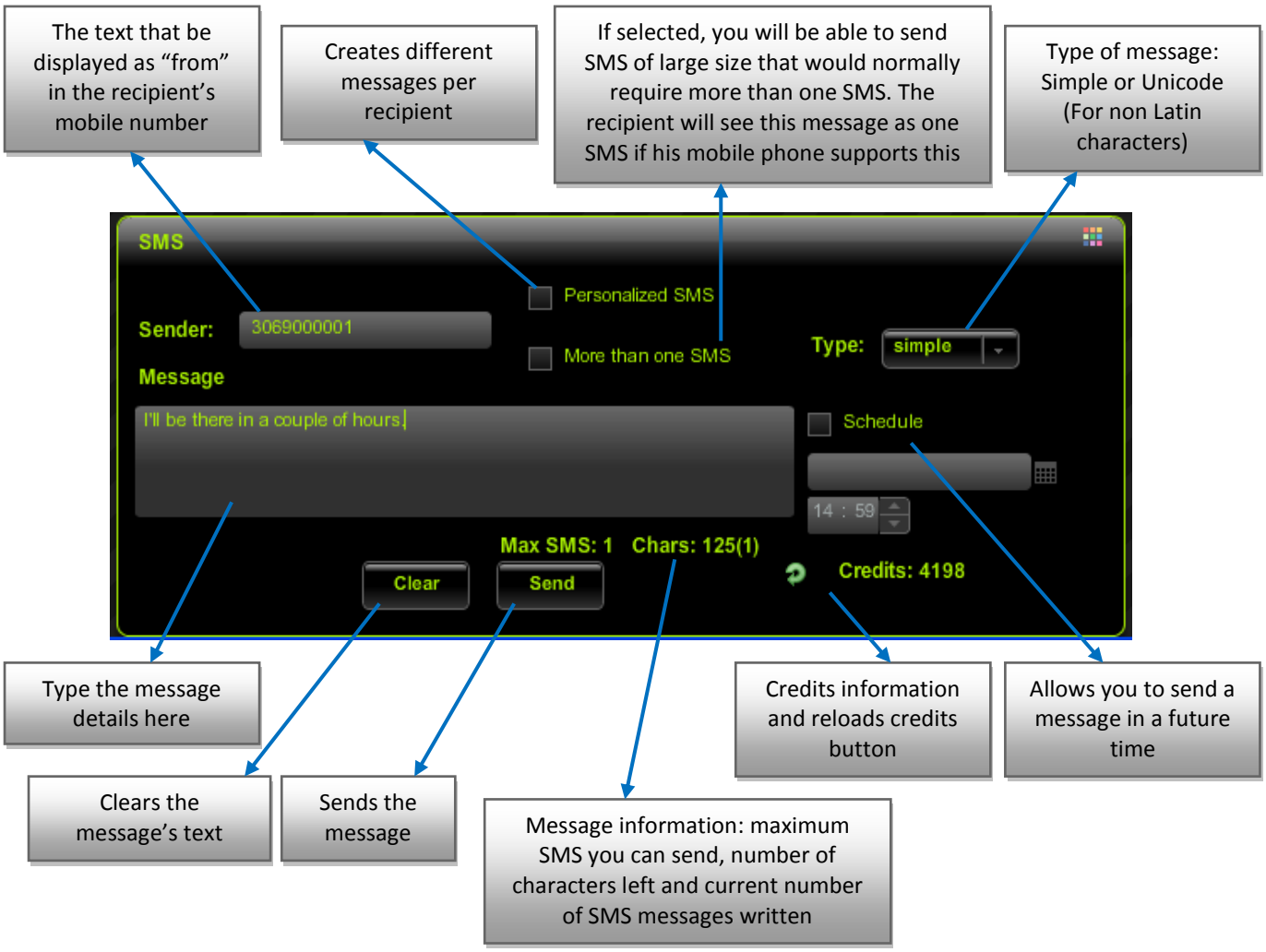
7.1 SMS recipients panel



Tip – Detach window

By pressing the *detach window* button, the recipient panel will become a draggable window. This could be convenient when adding contacts from the contacts panel, since will allow you to see both contacts and recipients panels at the same time.

7.2 SMS message panel



Notes:

- For non Latin languages or for special characters, use the '*Unicode*' type. When *Unicode* type is selected the maximum characters per message is 70.
- For Greek characters, *Unicode* is not required.
- When '*More than one SMS option*' is selected, a few characters are reserved in order to include this information to the message (headers). This will also result to extra charging as it is equal with sending two or three messages.
- Sender text maximum length is 11 characters for alphanumeric and 14 for numeric.
- Custom sender text must be supported by your network provider.
- If you are logged in with offline mode, the '*Send*' button will save the message instead, for future submission.

Tip – Reply feature

If you want the recipient to be able to reply to your message, put your mobile number to the '*Sender*' box, **including your country's code** (e.g. 30 or 0030 for Greece)

7.3 Personalized message

When '*Personalized SMS*' is selected, the recipients list changes to a table where you can put fields for each recipient.

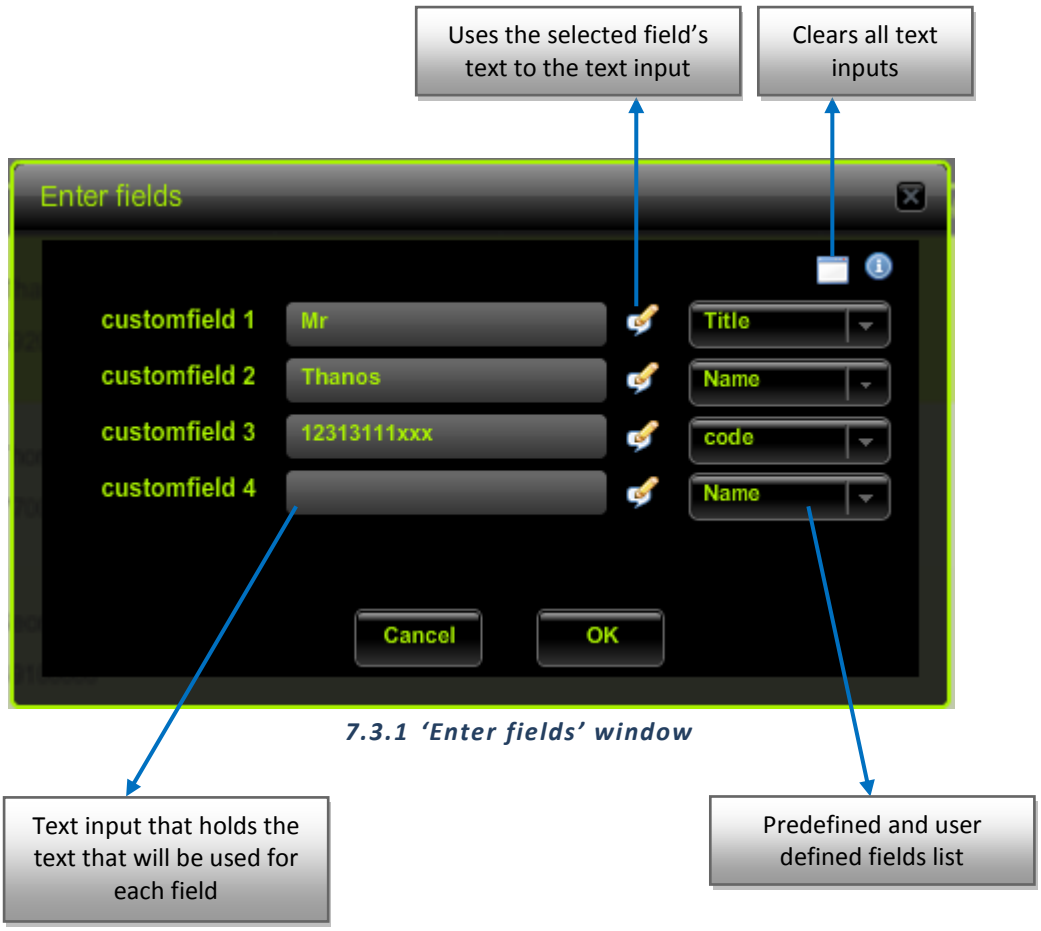
Notes:

- You can select the number of fields through the '*Fields Number*' option of the SMS panel, which become available when '*Personalized SMS*' is selected. Up to four custom fields are supported.
- You can add text in a field either by clicking on the '*Add Fields*' button or by clicking on the table, under the relevant customfield column
- You will have to be connected with your account (online mode) in order to use *Personalized SMS*.

- *'Schedule'*, '*Unicode'* and '*More than one SMS'* options are not available when *Personalized SMS* is enabled.

When you click on '*Add Fields*' button, the '*Enter fields*' window appears. Here you can see the available texts for the selected user *Thanos*. There are some common fields for all users like Name, email and comment. The rest of the fields are those that have been entered from the '*Add Contact*' window and they are user specific.

Figure 7.3.1 shows the fields for Thanos user. *Name* is a predefined field. *Title* and *code* are user specific fields. Note that you can use one field more than once if you want. Of course you can ignore the list's field and type your own text.



7.3.1 'Enter fields' window

The personalized SMS message can be created by using the words *#customfield1#*, *#customfield2#*, *#customfield3#*, *#customfield4#* inside the message body. You can repeat a *#customfieldx#* word if you want. You can use zero to four custom fields (they are optional but it makes sense to use at least one.

Note:

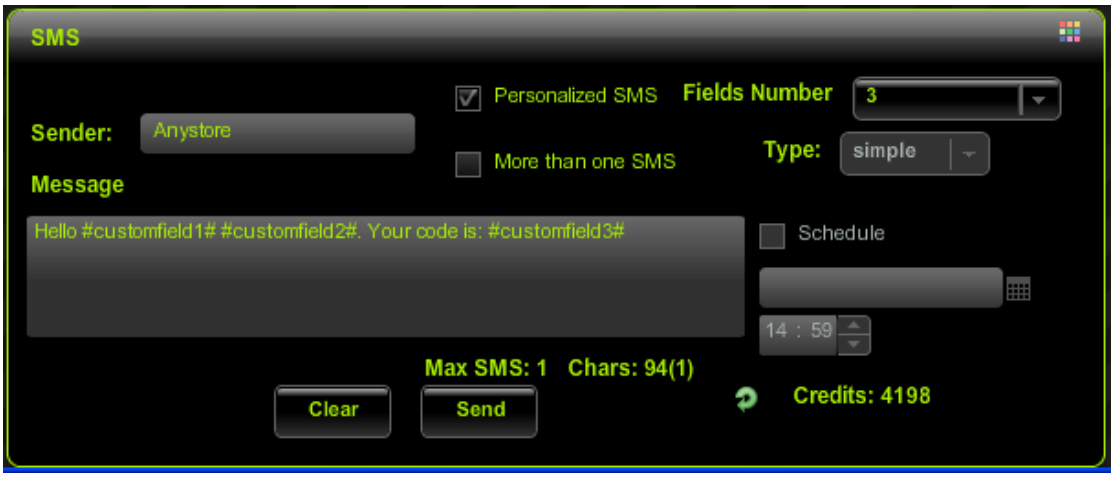
The ## characters are compulsory. To use a custom field it is compulsory to use it inside ## characters, otherwise the field will be considered as normal text.

So if you create a message with the text of ***figure's 7.3.2***:

Hello #customfield1# #customfield2#. Your code is #customfield3#

and use the above fields , you will actually send three different SMS messages to three recipients:

Hello Mr Thanos. Your code is 12313111xxx
Hello Mr Thorn. Your code is 1212111sss
Hello Mr George. Your code is 222xxxx

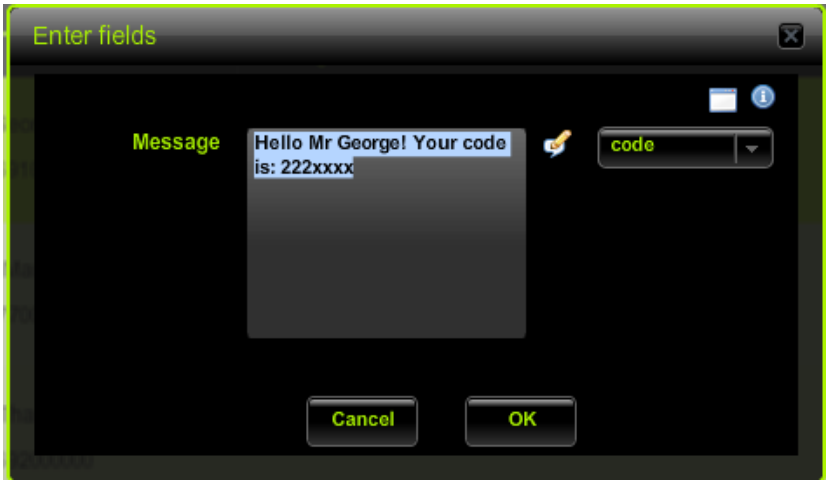


7.3.2 Personalized Message with custom fields

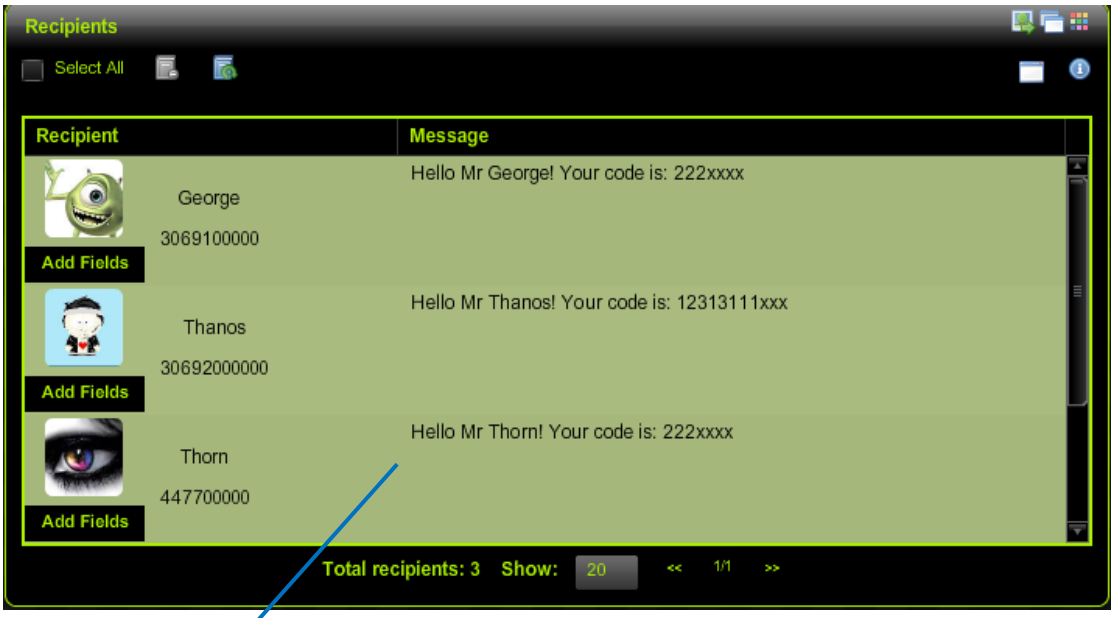
Tip – Unique SMS

You can send a completely different SMS for each recipient by selecting the '*Unique SMS*' option of the '*Fields Number*' list. By using the Unique SMS option, you type the complete message specifically for each user, instead of using a common text body and custom fields. You can still use pre-defined and user-defined fields for the message, as ***figure 7.3.3*** shows.

The message for its recipient is now written under the message column of the table, instead of the SMS panel. ***Figure 7.3.4*** creates the same message as in the previous section, using the Unique SMS option. The same three SMS messages described above will be sent. Unique SMS is a useful feature that allows you to send multiple different SMS messages at once.



7.3.3 'Enter fields' window for 'Unique SMS' option



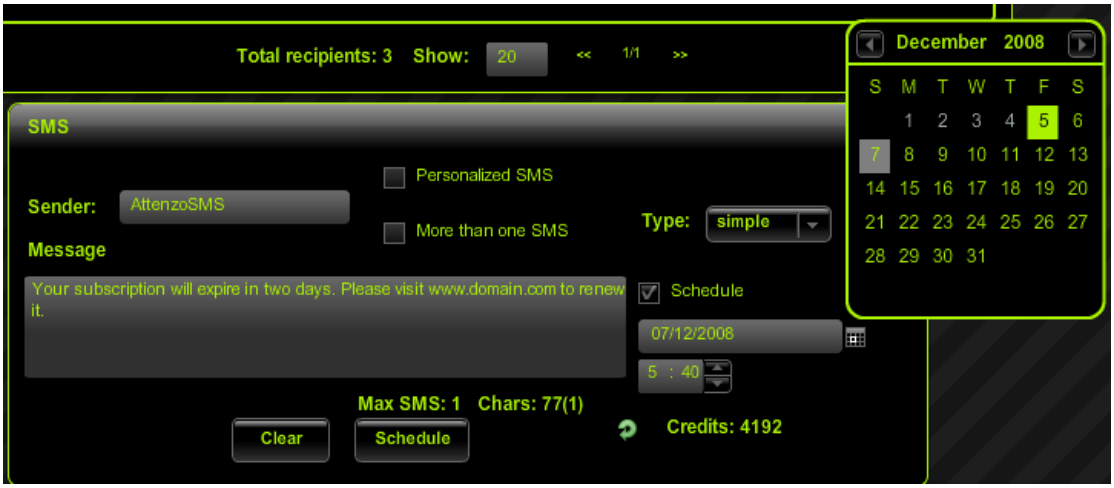
7.3.4 Message composition in 'Unique SMS' option

The message is constructed inside the '*Message*' column for each user

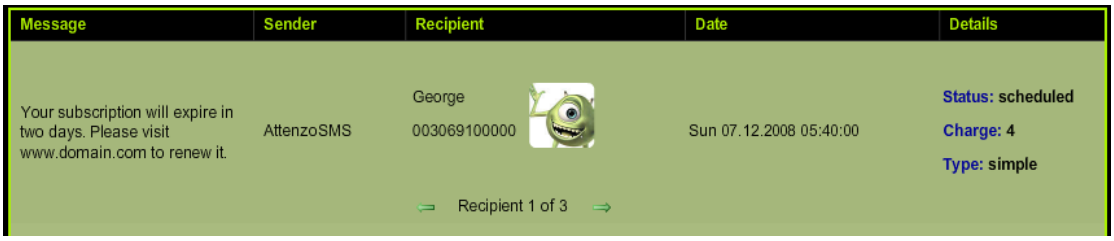
7.4 Scheduled message

You can schedule a message to be delivered in a future time, using the "*Schedule*" option.

Simply enter the desired day and time and click on the "*Schedule*" button.



The message will now be sent as "scheduled" and will be available inside the "Scheduled" messages panel, where you will be able to cancel it at any time.



Note:

You will have to be in online mode in order to use the '*Schedule*' option.

8 MESSAGES PANEL

8.1 Message panels buttons

There are ***four types*** of messages, listed in dedicated panels:

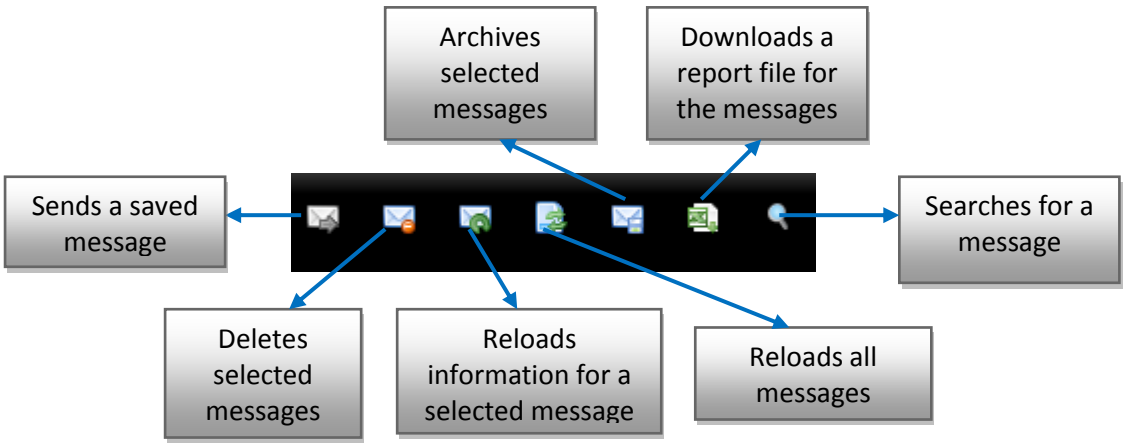
- *Saved messages* – when on offline mode, any message you save is available here for future submission
- *Online messages* – history of the messages already sent
- *Scheduled messages* – messages that will be sent automatically, in future time. When a scheduled message is sent, it will automatically move to the online messages panel.
- *Archived messages* – 'online messages' that have been downloaded from your account. When you archive a message, it will no longer be available in the online messages panel.

8.2 Messages status

There are three types of message statuses:

- *Received* – message delivered to the recipients mobile phone
- *On gateway* – message successfully delivered to gateway but has not been delivered to a phone yet (e.g. because the recipient has his phone turned off).
- *Failed* – message delivery failed. Most of the times this happens because of invalid number. Also, if you have the option '*force sender id*' selected in the options panel and the recipient's carrier does not support custom sender id, the message will fail. More on this, on the 'Options' chapter.

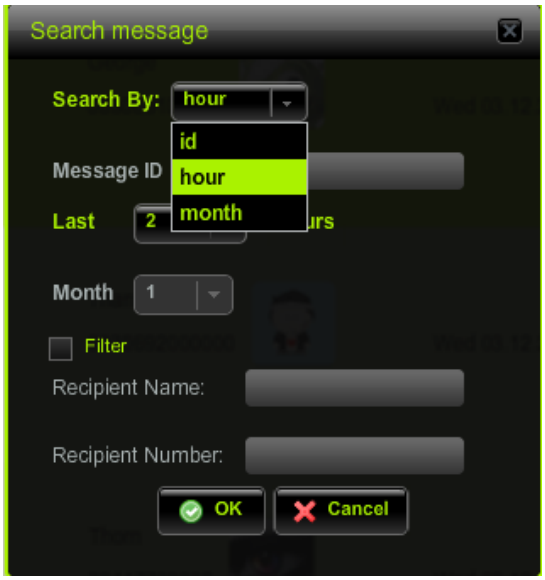
8.3 Message operations



Notes:

- *Send offline message* – this button is only enabled inside the '*Saved*' *messages* panel. When a message is sent, it is removed from the Saved panel and will appear in the 'Online' messages panel.
- *Delete messages* – if the selected message that you want to delete is a scheduled message, the reserved credits will be returned to your account.
- *Reload single message* – this forces a refresh of a particular message. This button is only enabled inside the '*Online*' messages panel.
- *Reload all messages* – refreshes information for all messages. Currently you can see up to 300 messages in online messages history. This button is only enabled inside the '*Online*' messages panel. It is recommended to avoid requesting reload in very frequently as messages result can be cached. For up-to-date status you can also use 'reload single message' button, for a specific message.

- *Archive messages* - this button is only enabled inside the '*Online*' messages panel. When a message is archived, it is removed from your online message history and saved locally on your computer. It is recommended to archive messages frequently, as only the last 300 messages are currently displayed in the online messages history.
- *Download report* – downloads a tab delimited file that contains information about your sent messages. This file includes an ID for each message which can be used for searching a message using the search button. Currently returns last 5000 messages and is updated every hour.
- *Search message* – ***figure 8.3.1*** shows the search message screen. You can search a message based on its ID, per hour, day or month. You can also filter the results on a specific mobile number or recipient name. This button is only enabled inside the '*Online*' messages panel.



8.3.1 'Search message' window

Tip – Message push

You may notice that when you sent a message it is not immediately available from the 'Online' messages panel. This happens because a message is **automatically sent (pushed)** to the application when there is information about the **final status** of the message (received or failed). You can use the refresh button to see the messages at any time, even if they are not available yet. However, by doing so you will have to click on reload button again in order to see updated information.

Similarly, when you schedule a message it automatically sent to your '*Scheduled*' panel. However, this happens immediately since there is no extra status information pending.

Tip – Synchronization between applications

The 'message push' becomes more useful if you have two instances of the application running on different computers. For example if you have logged in from your home computer and a partner of yours is logged in from your work computer, you can both see each other's message operations. When a message is sent, deleted or scheduled will be pushed (appeared), to all open instances of the application, for the same user. This feature is currently available on Online and Scheduled messages only. In future versions synchronization will be available for Contacts as well.

8.4 Filter operations

These options are the same as those described in *Contacts* chapter. They operate on messages instead.

9 SOCIAL PANEL

AttenzoSMS currently supports **Facebook** and **Twitter** networks. Using attenzoSMS you can easily:

- Import of your Facebook or Twitter friends as contacts in attenzoSMS
- Update of your status in Facebook and Twitter
- Receive real time alerts when a friend updates his status in Facebook or Twitter
- Monitor your profile, status, photos in which you are tagged, events and groups. (Facebook)
- Monitor of your friends' status, photos, events and groups. (Facebook)
- Monitor the public timeline or the timeline of any user (Twitter)
- Send of any information easily as an SMS

You can select which network you want to see by clicking on *Facebook* or *Twitter* buttons (***figure 9.1.1***). The selected one will have white letters. At the top right of the social panel (***figure 9.1.2***) there are two common operations: '*Add All*' and '*Set credentials*'. Both of these buttons operate on the current network. So if Facebook is selected, '*Set credentials*' will set the credentials of Facebook. Similarly with Twitter.

9.1.1 Selecting a social network

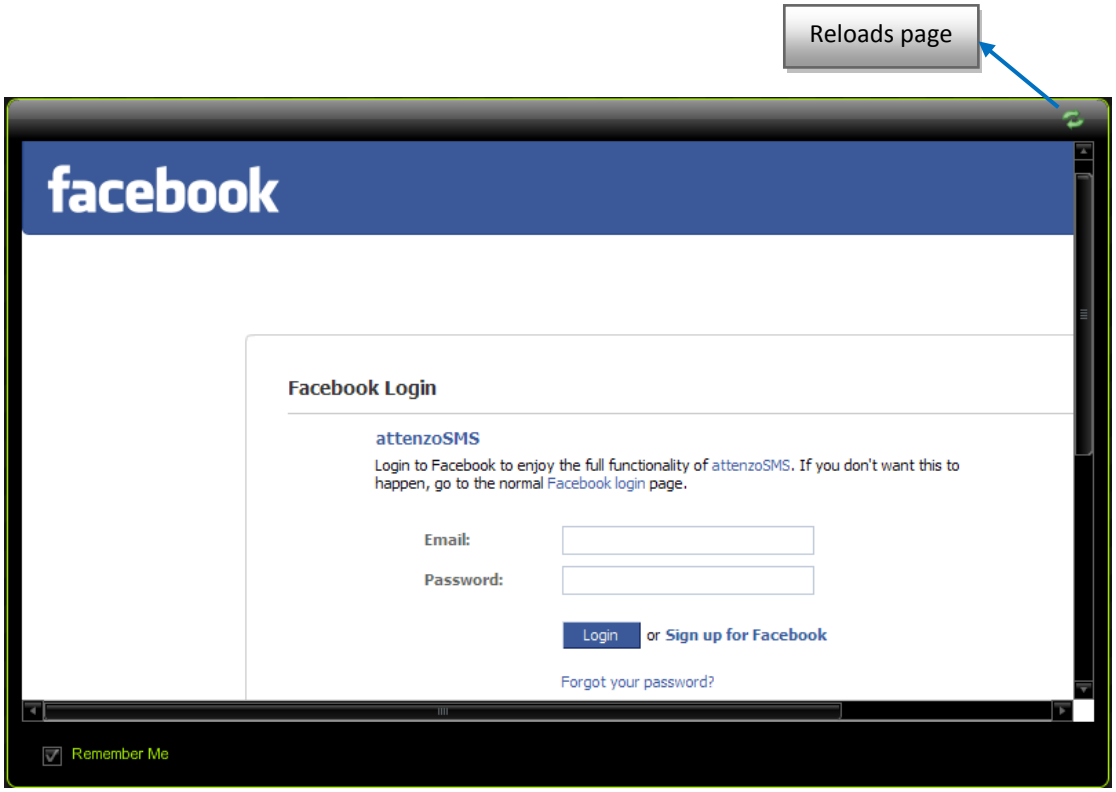
9.1.2 Common operations for social networks

9.2 Set credentials

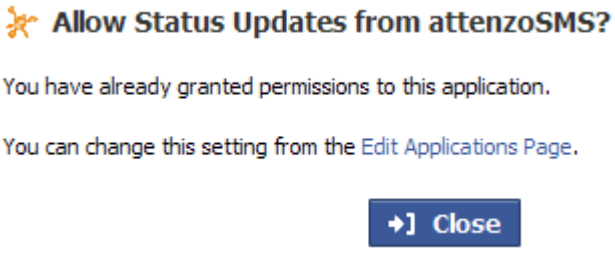
The first step before accessing your Facebook or Twitter account is to set your credentials (username and password). For Facebook this is two steps procedure. You first type your credentials in the Facebook window that appears (***figure 9.2.1***) and then permit attenzoSMS to be able to change your status (***figure 9.2.2***). For Twitter, you simply type your username and password in the window that appears (***figure 9.2.3***).

Notes:

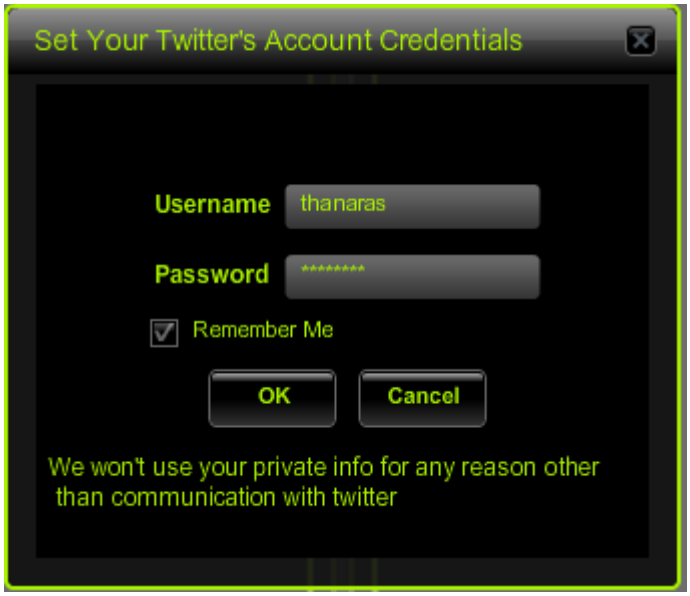
- For Facebook your credentials are put directly in Facebook (like opening a web browser). attenzoSMS does not have knowledge about your password.
- For Facebook, if you check on the "*Remember Me*" box, information about your login is encrypted and stored locally on your computer. This does not include your password.
- For Twitter, if you check on the "Remember Me" box, your credentials are encrypted and stored locally on your computer. attenzoSMS does not have direct knowledge of your password.



9.2.1 Facebook login – first part- credentials



9.2.2 Facebook login – second part – status permission



9.2.3 Twitter login - credentials

Tip – Reload page

The Facebook login is actually a web page that comes directly from Facebook. This means that it may not loaded correctly if you are phasing internet connectivity problems. If this happens, click on the 'Reload' button to reload the page, like you would do on a web browser.

9.3 Import friends

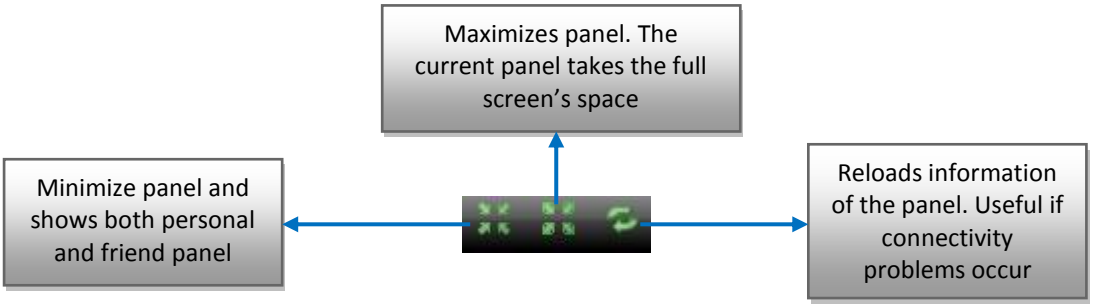
After a successful login in Facebook and/or Twitter, you can choose to import all your friends as your Contacts by clicking on '*Add All*' button. These will put all your Facebook friends inside a *Facebook* group in Contacts and all your Twitter friends inside a *Twitter* group in Contacts.

Notes:

- '*Add All*' will import all friends but will not contain their mobile number (because such information is not available from Facebook or Twitter). You will have to manually add a mobile number to a contact before you can send SMS to him.
- You can only add a specific friend as a contact by clicking on the "*Add*" button under each friend. This will show the familiar '*Add Contact*' window.
- For friends without a picture, the default picture is used.

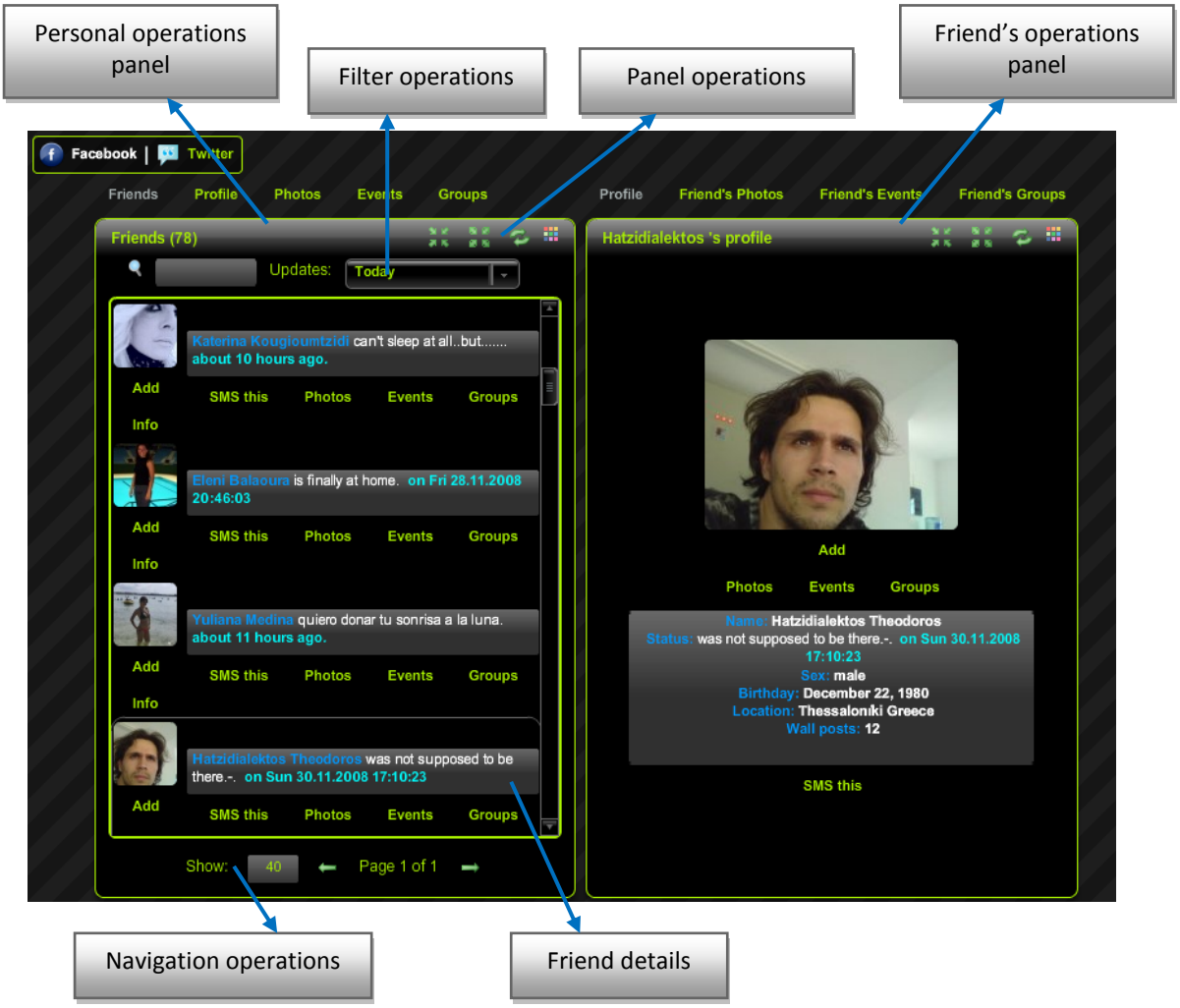
9.4 Panels – operations

Every panel has common operations for resizing and reloading (**figure 9.4.1**). These are very useful and practical operations that are applied to the selected panel.



9.4.1 Panels operations

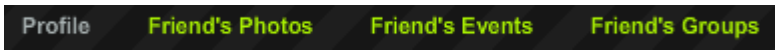
9.5 Facebook - layout



As the above picture indicates, the Facebook panel consists of two main parts: the *Personal operations panel* at the left and the *Friend operations panel* at the right.

9.6 Facebook - operations

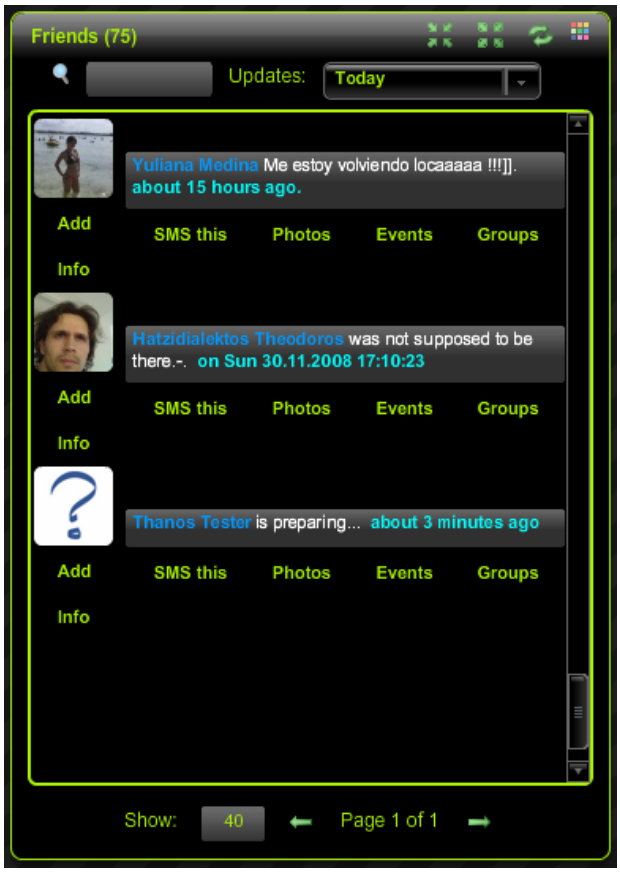
9.6.1 Facebook personal operations



9.6.2 Facebook friend's operations

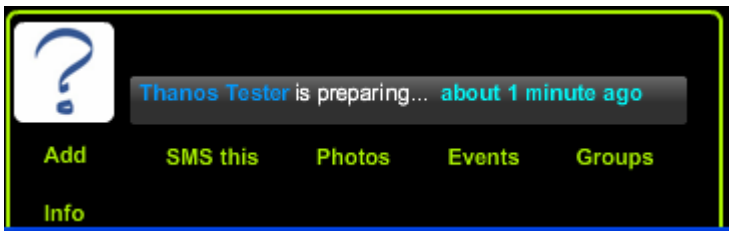
The *personal information panel* at the left displays information that is related to your Facebook account. When you click on any of the 'Friends', 'Profile', 'Photos', 'Events' or 'Groups' button (***figure 9.6.1***), the panel will show the relevant details. Similarly, the friend's operation panel at the right shows information related to a friend. ***Figure 9.6.2*** shows the available operations.

Figure 9.6.3 shows a friends list.



9.6.3 Friends list

Every friend has his own operations (***figure 9.6.4***):



9.6.4 Friend's operations

- *Add* – shows the '*Add Contact*' window to adding this friend as a contact.
- *Info* – shows the profile of this friend, in the '*Friend's operations*' panel at the right.
- *SMS this* – copies the text of the friend to the SMS panel for SM sending. The SMS panel is also displayed.
- *Photos* – shows the photos that have this friend tagged, in the '*Friend's operations*' panel at the right.
- *Events* – shows the events of this friend, in the '*Friend's operations*' panel at the right.
- Groups – shows the groups that this friend is a member, in the '*Friend's operations*' panel at the right.

Figure 9.6.5 shows personal group details (groups that current user belongs to).

9.6.5 Facebook - groups

9.7 Facebook – friends and status filtering

9.7.1 Facebook - filters

You can filter results to specific friends by typing initials of their name. For example ***figure 9.7.1*** will only show friends whose name starts with 'tha'. You can also display only friends whose status has changed during the last day, the last two days or the last week, using the '*updates*' list.

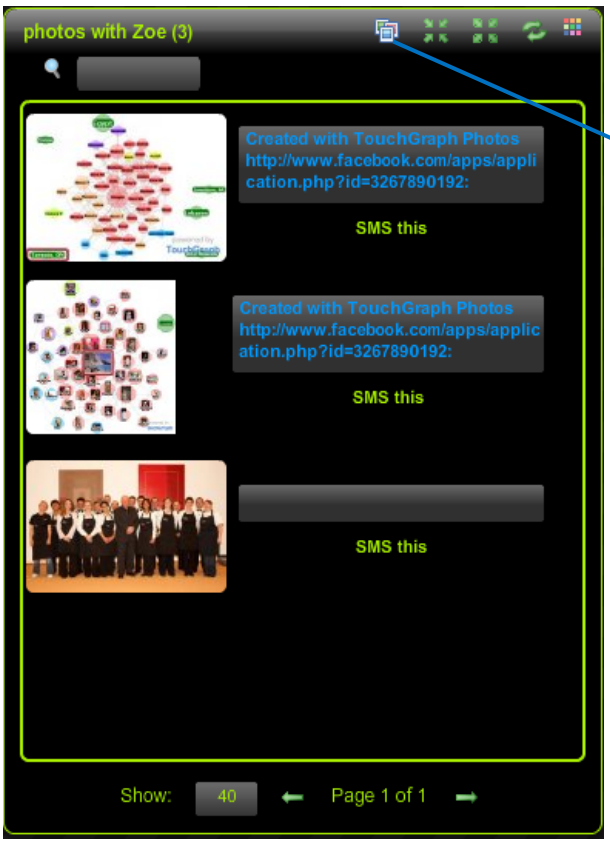
9.8 Facebook – SMS information

Every piece of information, whether is a friend's details, group info or event text, has a "*SMS this*" button. This allows for easily sending this information as an SMS text. For example by clicking the "*SMS this*" button for the event of ***figure 9.8.1*** will copy the event's information to the SMS panel, as ***figure 9.8.2*** displays.

9.8.1 SMS operation – select information

9.8.2 SMS operation - send information

9.9 Facebook – Pictures



9.9.1 Facebook – pictures

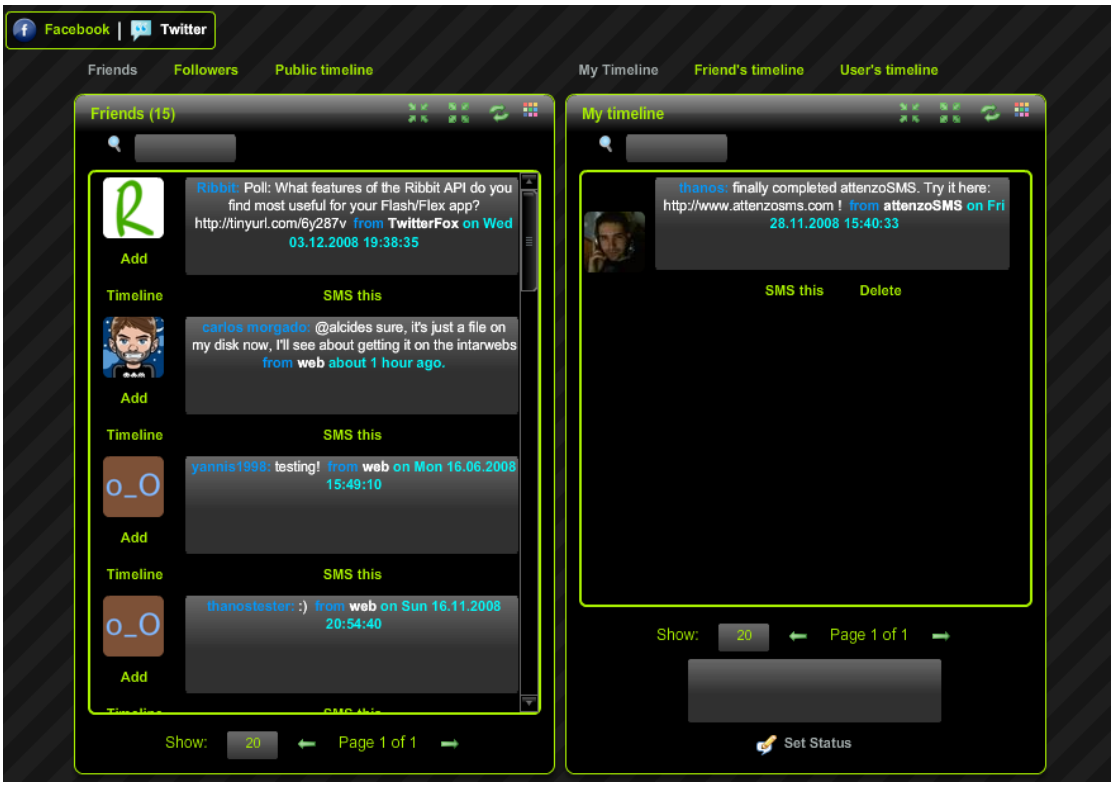
Figure 9.9.1 shows the pictures of a user. If you click on the “image viewer” button, you will be able to see the image viewer window. If you click the “SMS this” button, you can send the link of the image, with optional comments to a mobile number.

Notes:

In order for a recipient to see the image from his mobile number, the necessary internet (WAP) settings must be configured in his mobile device.

9.10 Twitter - Layout

The Twitter layout consists of two panels. The left panel contains your friends, your followers and the public timeline. The right panel contains your status archives, and the timelines of a selected friend or a selected user. ***Figure 9.10.1*** and ***figure 9.10.2*** demonstrate this.



9.10.1 Twitter layout – Friends list (left) and personal timeline (right)

9.10.2 Twitter layout – followers list (left) and friend's timeline (right)

9.11 Twitter - operations

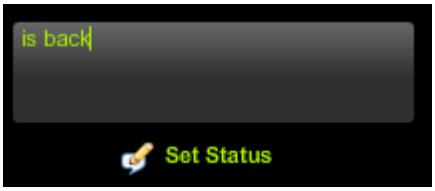
The left panel allows you see details about your Friends, your followers and the public timeline. The right panel displays the details about your timeline (archived status messages), a friend's timeline and a user's timeline.

Notes:

- The rest of operations (filters, navigation, user info, SMS, reloads) are the same like in Facebook panel.
- You can also delete a previous status message, inside the "My Timeline" panel, by clicking on the '*delete*' button.

9.12 Set your status

In both Facebook and Twitter status you can have the option to set your status. In Facebook panel this is available through the "*Profile*" panel and in Twitter through the "*My Timeline*" panel. In both cases it looks like ***figure 9.12.1***.

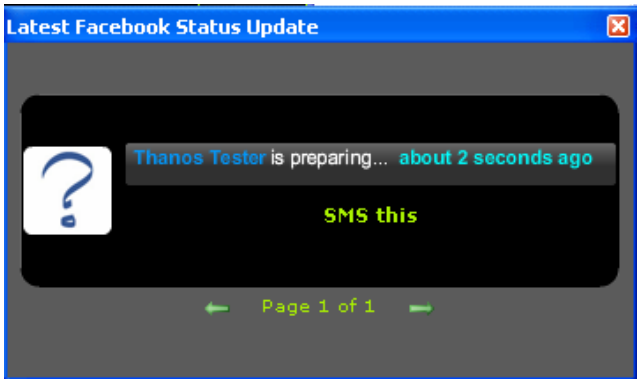


9.12.1 Status update

By clicking on "Set Status", your Facebook or Twitter account will immediately be updated with your new status text.

9.13 Status Alerts

When a Facebook or Twitter friend updates his status, a message alert will appear at the bottom right corner of your screen. For example a Facebook friend of yours changes his status on his Facebook account. ***Figure 9.13.1*** shows the alert with this real-time status update. You can turn this feature off from the options panel.



9.13.1 Status alert window

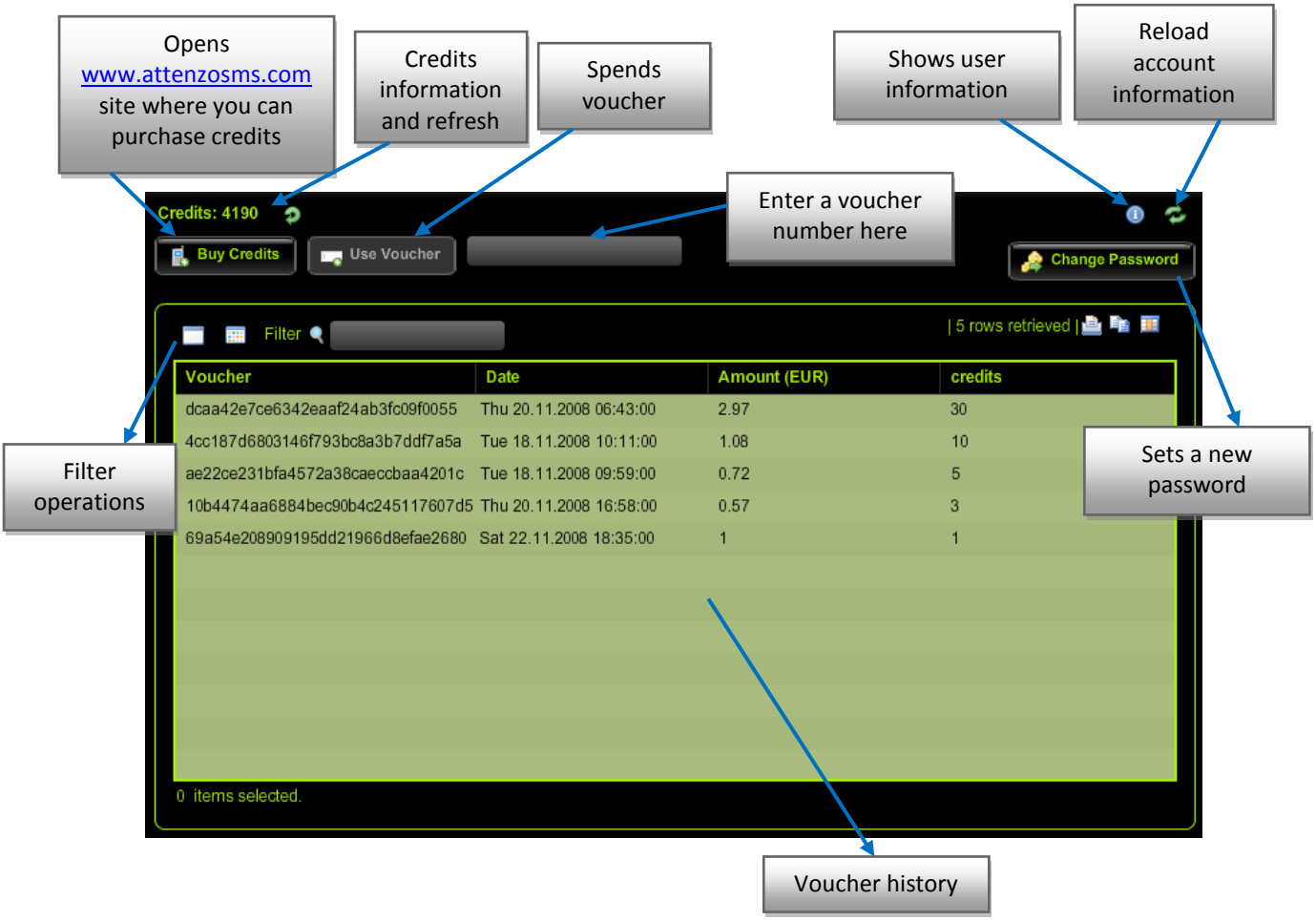
9.14 Social network Logout

You can logout from your Facebook or Twitter account by clicking on 'Set Credentials' button

10 ACCOUNT PANEL

Inside the account panel you can:

- Use a voucher that has been purchased from http://www.attenzosms.com, to put credits in your account.
- See your voucher history
- See your current credits balance
- See information about your account
- Change your password



11 OPTIONS PANEL

General

- *Default Stylesheet* - the default skin of the application.
- *Show Background – whether the background is visible or not, by default.*
- *Default Background – preferred background picture.*
- *Default Tabs Style – horizontal or vertical default tabs position.*
- *Select default country – default country that will appear on places like the 'add contact' window.*

SMS

- *Force Sender ID – if this option is on the system will try to deliver the message to a recipient only if* the sender id option is supported by the carrier, Even if this may result to a higher cost if alternative routes are selected. For countries where carriers do not support the sender id option (like in USA), you will have to ***uncheck*** this option, otherwise the message will fail.
- *Prevent same recipient number – two contacts may have the same mobile number. If this option is selected, only one of them will be added to the final recipients list on the SMS panel.*
- Default Sender Text – a default text that will be loaded on the sender text input of SMS panel.

Address Book (Contacts)

- *Contacts Preview On – If selected, the images preview will be visible in the contacts panel.*
- *Contacts Preview length – maximum number of preview images.*
- *Show only contacts with number – when you import friends from your social networks, they will not include mobile numbers. You can choose to hide those contacts and show only contacts with a mobile number.*

Messages Panel

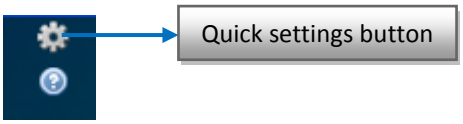
- *Effects Enabled* – every time you switch panels inside the Message panel (*saved, online, scheduled, archived*) a visual effect is shown. You can choose to disable this.

Twitter / Facebook

- *Effects Enabled* - every time you choose a sub-panel inside the social panel (*friends, profile, public timeline* etc) a visual effect is shown. You can choose to disable this.
- Cache Images – when this option is on, images will be loaded only once. If it is disabled, images will be loaded every time they appear on the screen (e.g. when you scroll a list).
- Refresh On – if this is selected the application will check if there are new status updates for your friends by reloading the friends list.
- Alerts On – If 'Refresh' and 'Alerts' are both selected, an alert window will be appeared at the bottom right corner of your screen, when a new status update is available from a friend.
- Refresh in minutes – default time interval that the friends list will be reloaded.

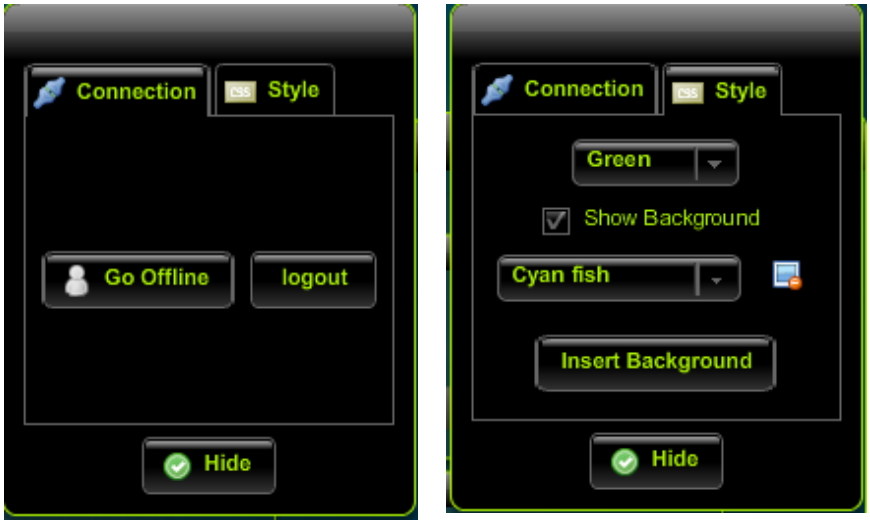
12 QUICK OPTIONS PANEL

12.1 Quick options tabs



By clicking the *quick settings* button at the top of the screen, the quick options window appears. This includes two tabs: 'Connection' and 'Style' (***figure 12.1.1***). In 'Connection' panel you have the options to:

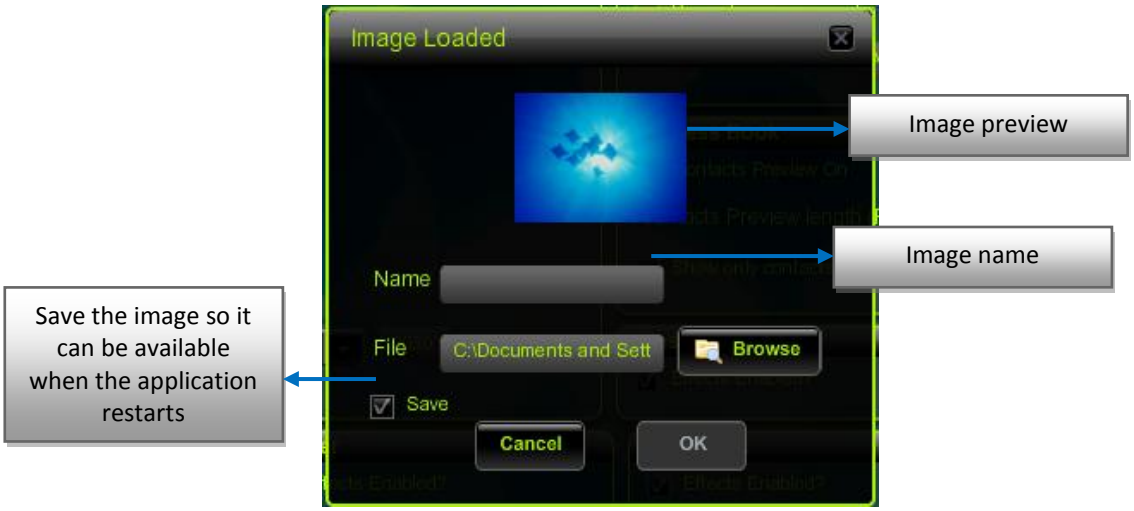
- Login – if you are in offline mode (go back to login screen)
- Logout – if you are in online mode (go back to login screen)
- Go Offline – disconnect and go in offline mode



12.1.1 Quick options window tabs: Connection and Style

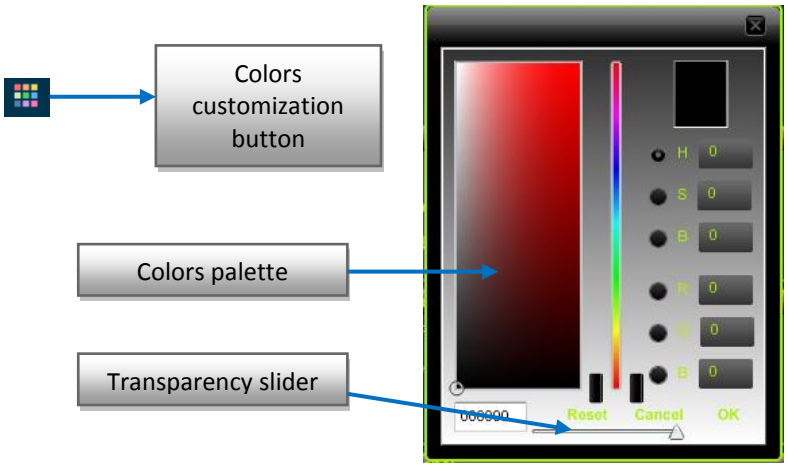
12.2 Custom background

There are a few default backgrounds available in the application. However, you can load and use your own background image by clicking the '*Insert Background*' button (shown on ***figure 12.1.1***). This will bring the window shown on ***figure 12.2.1***. If you are happy with the selected image you click OK and the image is loaded.



12.2.1 Custom Background window

13 PANELS CUSTOMIZATION



Every panel in attenzoSMS has a little color button. When you click on it the colors palette above will appear. You can select a color that will be used for this panel and also set the alpha transparency level. By clicking the 'OK' button the settings are saved for this panel.

Figure 13.1.1 shows a custom background image, together with an alternative skin (pink) and the tabs poisoned vertically. The options panels transparency is set to a low number so we can see the image through the options subpanels. This is an example that shows that a user has the option to customize the appearance of attenzoSMS to suit his taste.

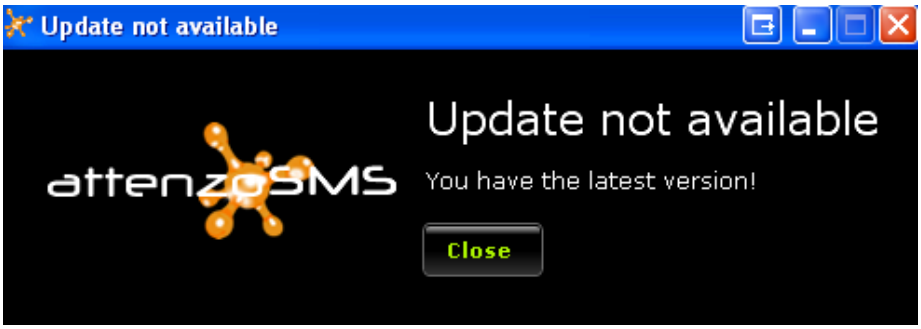
13.1.1 Custom background image loaded

14 UPDATES

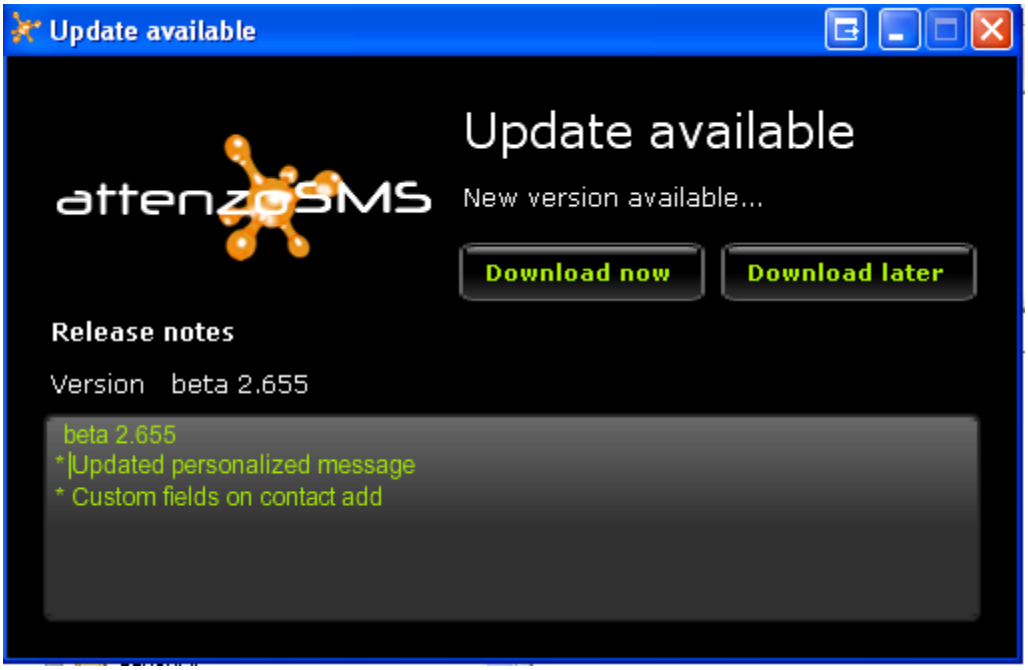
attenzoSMS will automatically check for an update when the application starts. You can also check if there is an available update, by clicking on the 'about' button at the top of the screen. The '*About*' Window (***figure 14.1.1)*** also shows information about the current version and Attenzo – the creator of attenzoSMS.

14.1.1 About window

If there is no update available, you will be informed through the message of ***figure 14.1.2***). If an update is available you will be asked if you want to download it and install it (***figure 14.1.3***).



14.1.2 Update information – no new version available



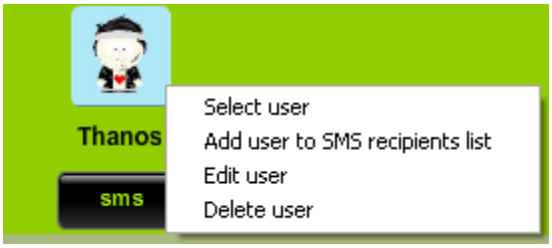
14.1.3 Update Information – a new version is available

Note:

Sometimes a critical update may be available. If this is the case, the update will happen on the background, and will available on the next application's execution.

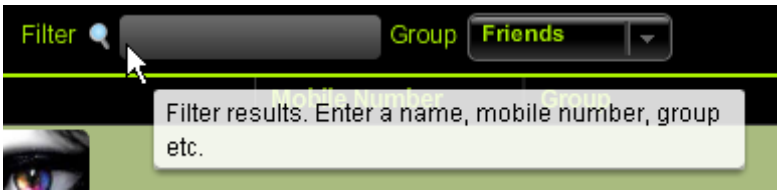
15 USEFUL INFORMATION

15.1 Context menus



If can right click on a recipient's name to see a list of operations. These operations are available through various buttons, but a context menu adds one more convenient way to achieve a task.

15.2 Filters

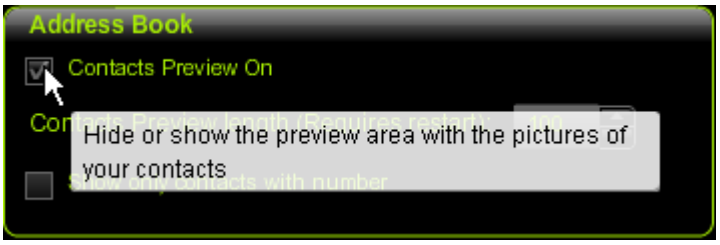


In many places across the application there are various filter text inputs. They provide a fast way to see desired results for messages, contacts and friends. This is useful if you want to search on a large data set.

15.3 Required tooltips warnings

When entering information in various places (like login, registration or add contact window), several requirements must be satisfied. For example the mobile number has a minimum and maximum length, the Name is required etc. If these requirements are not satisfied, the submit buttons "OK", "Save" etc will not be enabled. In such cases, useful tooltips warn you about what is wrong.

15.4 Tooltips

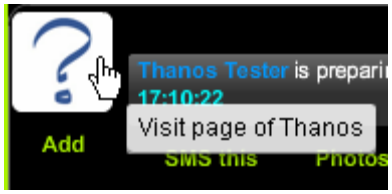


By placing the mouse pointer above any component of attenzoSMS application (text, button, image etc), you can see a tooltip with information about the role of the relevant component.

15.5 Help buttons

When you see a help button, you can either move your mouse above it to see a tooltip or click on it to see a window with the information message. This will provide you with help about the specific operation.

15.6 External links



You can visit the page of a Facebook or Twitter friends, or see a Facebook image directly on Facebook by clicking on the image itself. Move your mouse over a friend's image or over a picture and will see tooltip that prompts you to do so.