SAEAUT SMS Server

Sending and receiving SMS from / to various applications

SAEAUT SMS Server is an application that allows other client applications to send and receive SMS messages.

SAEAUT SMS Server enables:

1. sending and receiving SMS messages via devices with a GSM modem
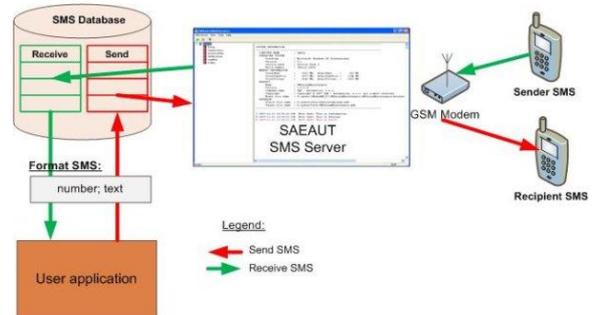2. cooperation with other applications via shared database file

It is an application with user interface for setting communication parameters, phone numbers, user groups, logging of activities.
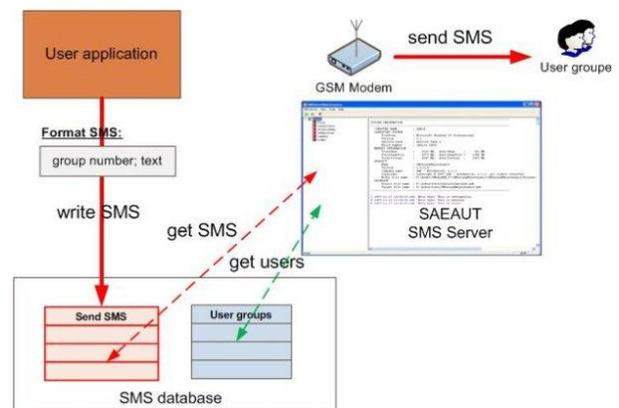
Main features:

1. creation of event and user structure that should receive a SMS message
2. sending SMS message created by the client application
3. sending SMS message based on event generated by client application
4. receiving SMS message and processing
5. displaying reports about sent / received SMS messages
6. it uses PDU for message transfer to the GSM modem
7. it is tested with more a few types of GSM modems and GSM services providers

It can be used:

1. with our example desktop client application for easy sending SMS from your computer or another computer in LAN
2. with our example web client application for writing SMS in web browser, sending it from your web server to the SMS recipient
3. with your client application which cooperates with SAEAUT SMS server
4. with another our application **OpcDbGateway** for complex condition based messaging.
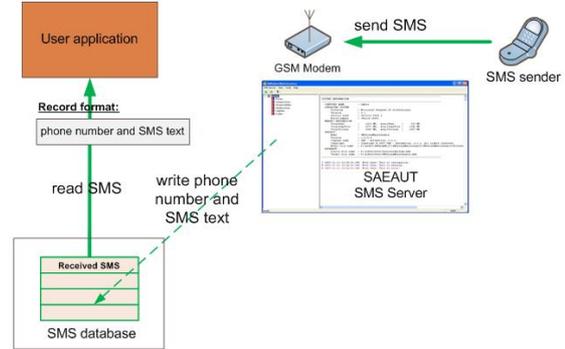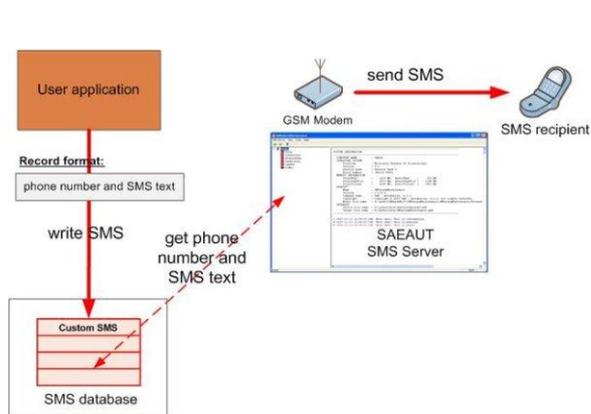

Sending SMS to defined group of recipients

Sending SMS to defined user group:

– user application adds a new record into database for sending SMS in a predefined format: group number; text
– when SMS Server detects a new record in the database, it retrieves users who belong to given user group
– a MS message is created based on the retrieved data and sent to each of the users via connected GSM modem

Sending SMS to a specified phone number

Sending user-defined SMS message:

- user application adds a new record into database for sending SMS. This record has to contain two inputs:
  1. recipient's phone number (in separate column)
  2. text of SMS message (in separate column)
- when SMS Server detects a new record in the database, it retrieves the phone number and the text of SMS message
- a SMS is created based on the retrieved data and sent to the specified phone number via connected GSM modem

Receiving SMS message

- when SMS Server receives a SMS message, these data are stored in the database of received SMS
- when the client application detects a new record in the database, it retrieves the data (phone number and the text of SMS) and displays them

Receiving SMS