



# SAEAUT SMS Library (MFC)



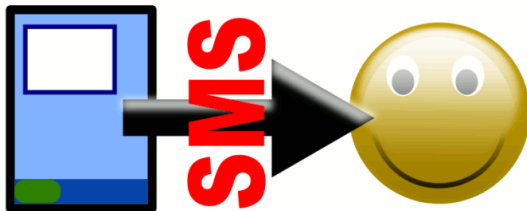
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**Flexible DLL library that allow sending and receiving SMS messages**

The library allows adding new valuable functionality, processing SMS messages, to your own applications. All functionality which relates with sending, receiving SMS messages and configuring required parameters is included in one single class with very good documentation. The SAEAUT SMS Library (MFC) is provided with practical samples. **We believe that by using this DLL library you will be able to send and receive SMS messages from your applications just in few minutes.**

## SAEAUT SMS Library (MFC) can be used:

- to create complex SMS messaging software with SAEAUT SMS Library as a backend
- include as library in **ANY** program to add SMS messaging capabilities into your program in few minutes to **help your business to make happy customers**



## Communication

- communication is established through GSM modem - the most popular standard for mobile phones in the world
- SAEAUT SMS Library (MFC) wraps the base GSM modem functionality into single class. Through this interface it is possible to:
  - set all necessary communication parameters: serial port used, transfer speed, timeouts, etc.
  - set all GSM parameters: PIN code and Service Center Address
  - send SMS message to a specific phone number

- receive SMS message
- send AT commands to GSM modem
- receive a modem answer from GSM modem
- GSM modem can be connected to any personal computer via standard communication interfaces (RS-232, IrDA, Bluetooth, USB)
- connection to GSM network is interposed by a SIM card which is inserted in GSM modem device

## Sending SMS messages

The maximal length of single SMS message is 160 characters. SMS message can be sent to one or several phone numbers. Sent SMS is associated with reference number.

## Reading received SMS messages

The SAEAUT SMS Library (MFC) allows reading received SMS of two following types:

- delivery report about sent SMS message
- SMS messages sent by other user

## Tests & Optimizations

The SAEAUT SMS Library (MFC) is based on Microsoft Foundation Class Library and has been tested and optimized for services of following operators:

- Orange
- T-Mobile
- O2
- **the system is open for use in other network operators**

The SAEAUT SMS Library (MFC) has been tested and optimized for the GSM modems:

- Wavecom
- Samba
- Falcom
- **the system is open for using GSM modems from other vendors**