

SENDSMS

SENDSMS communication utility

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Description

The **sendsms.exe** program is used for sending text SMS by means of GSM modems. Tested by using a GSM modem of the Ericsson GM12 type. Modem must support AT set of commands for work with SMS according to the ETSI GSM 07.05 standard.

Parameters

Command line parameters:

```
sendsms TO: number SCA: number [PIN: number] [-h TcpHost] [-p TcpPort] -m messfile | "message"
```

Parameter	Description
TO: number	Number of a GSM mobile phone along with the GSM operator prefix. E.g. the GSM Orange-SK number 0905/432454 must be entered as 0905432454. Required parameter.
SCA: number	Number of a message center for sending messages. The number must be defined in the full format along with the character "+" before the number. Message center number of Orange-SK must be defined as +421905303303, T-mobile SK as +421903333000 and O2-SK as +421949909909. Required parameter.
PIN: number	If SIM card is blocked by a PIN code, it must be defined by means of the parameter.
-h TcpHost	If AT commands are not sent via serial line, parameter defines host with which the utility should create TCP connection.
-p SerialPort /TcpPort	Serial communication port entered in the form of COMx (e.g. COM2). In case of TCP communication, this parameter defines TCP port, to which the utility is to be connected.
-m messfile	Contents of the SMS message to send is stored in the file messfile .
"message"	Contents of the SMS to send. If a sequence \n is in the message, the sequence will be replaced by the characters CR and LF.

Note: For sending a message, there must be defined either the parameter **message** or **-M messfile**. Parameters are evaluated from the left to the right.

Return codes

Return code	Meaning
0	OK, error-free SMS transmission.
1	Incorrect or missing parameter, the program lists the error specification.
2	Serial port error (doesn't exist, busy, etc.).
3	GSM modem is not connected to given port or is not running.
4	Error when entering a PIN code (invalid PIN code).
5	Error when the modem executes AT commands. The program lists the error specification.
6	SMS message probably was not sent in order.
7	Problem when initiating physical interface (serial / TCP/IP).

Examples

Sending a SMS to the GSM Orange-SK number of 0905111222 via the Orange-SK message center number +421905303303, message contents is defined in the command line:

```
sendsms PIN: 1234 TO: 0905111222 SCA: +421905303303 "This is a SMS contents"
```

Sending a SMS to the GSM Orange-SK number of 0905333444 via the Orange-SK message center number +421905303303, message contents is stored in the file C:\Messages\sms1.txt :

sendsms PIN: 1234 TO: 0905333444 SCA: +421905303303 -m C:\Messages\sms1.txt

Changes and modifications

- December 16, 2014 - updating

Document revisions

- Ver. 1.0 – May 31st 2000 – creating document



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