SMS Encryptor
- encrypted messages for MOBILedit!

With the new SMS encryption module you can send your sensitive messages in a perfectly encrypted way. We use the most secure algorithm available – the AES, which is approved for use in the US government and military. Now you have the combination of extremely fast worldwide message delivery with the highest security.

How to use SMS Encryptor

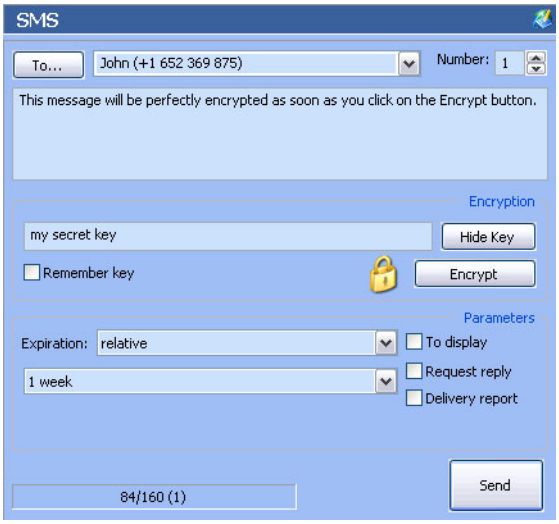
Installing the module

SMS Encryptor is an application plug-in for MOBILedit! system. First install the MOBILedit! if it is not installed yet. The installation of SMS Encryptor module is quite simple: just double-click on the downloaded file *PlugSMSEncrypt.mobapp*, it will be automatically installed (if you have already installed MOBILedit!). After a new launch of MOBILedit! you can start using the Encrypted SMS.

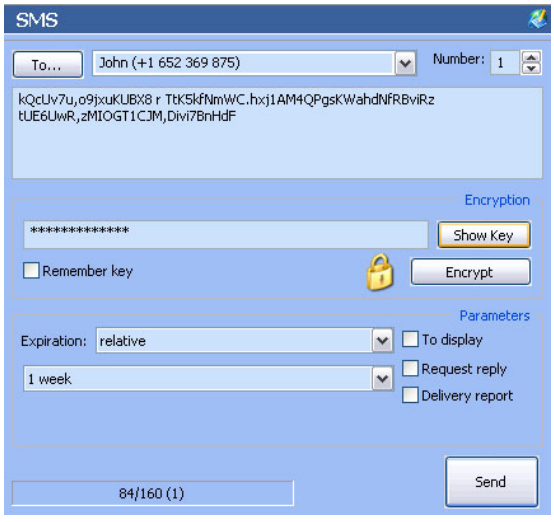
Manual installation: copy the *PlugSMSEncrypt.mobapp* file to the *Mobile Applications* folder in the main MOBILedit! installation folder (normally C:\Program Files\MOBILedit!\ *Mobile Applications)*.

Sending an encrypted message

The SMS Encryptor replaces the standard SMS functionality with the new one. When you finish writing the text of your message (according to instructions described in the *Text messages* chapter of the MOBILedit! User's Guide), enter an encryption key in the field below and click *Encrypt*. The text of your message will be encrypted by AES algorithm into a secure message. Send this message by clicking *Send*.



Plain message before encryption



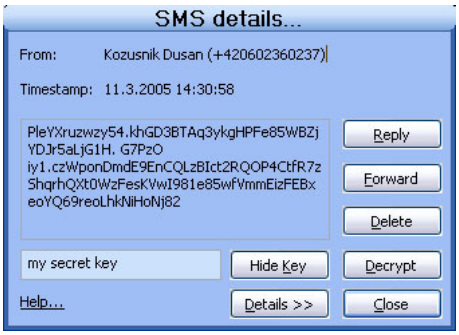
Encrypted message and hidden key

Options and properties

- When writing a message you can only use capital (A-Z) and small letters (a-z) of the English alphabet, numbers (0-9), space, dot (.) and comma (,) signs. Any other signs cannot be encrypted, and if used, after clicking *Encrypt* you are informed by a popup window that this is not possible.
- *Hide/Show key* button – switches the status when the key is displayed on the screen or hidden as "*" signs.
- *Remember key* checkbox – stores the key in system registry for future use. This is for your comfort, but be aware that it means security vulnerability, as somebody could get your secret key.

Receiving an encrypted message

When you receive an encrypted message, double click it to open it in the *SMS details…* window. To be able to read it, you must know the encryption key used by the sender. Enter the key in the filed at the bottom of the window and click *Decrypt*. Now you can see the original message text. Messages are always stored in an encrypted form. The *Decrypt* function deciphers message only on the screen for reading.



Encrypted message on the recipients PC