



# Secure SMS v 1.0

SMS messages encryption for  
Symbian Smartphones

[www.5pro-software.com](http://www.5pro-software.com)



## General Info about Secure SMS

- Enterprise solution for SMS messages security
- Sends and receives encrypted SMS messages in complete confidentiality
- Password protected application
- Every contact has its unique password
- Customizable for the individual needs, if needed a higher encryption grade can be implemented



**Secure SMS is targeted for:**

**Series 60.3 Symbian Smartphones:**

**All Nokia E-Series and Nokia N-Series phones; Nokia Navigator.**



## Application features

- Secure SMS is a secure solution for sending and receiving encrypted SMS messages in complete confidentiality
- Every text message is encrypted with AES 256 encryption algorithm
- Unique password for every contact for better security
- The interface of the app is very similar to the interface of the native Nokia messaging
- Ideal complementary solution to Secure Voice conversation encryption



**Secure SMS is really secure!**  
**It is the best protection for your SMS**  
**messages:**





## SecureSMS security process

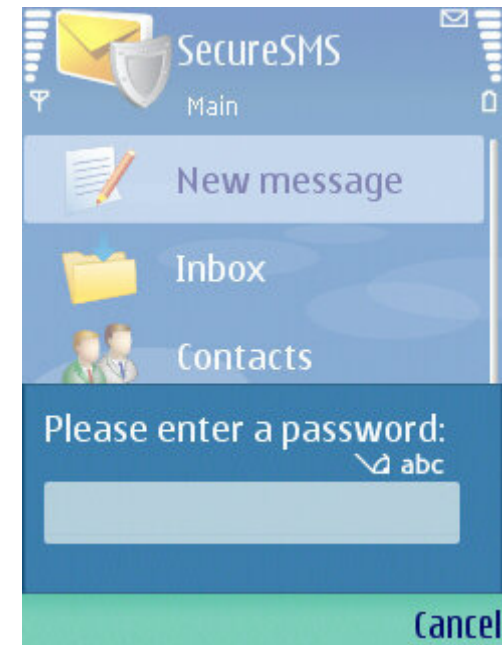
- Application views all incoming SMS messages
- After receiving the SMS message, the software verifies the sender in the SecureSMS contacts
- If the sender is found and the entered password matches, the application decrypts the message
- If the sender is not found, you can enter the right password manually
- If the password does not match, you will not be able to read the SMS text
- Received SMS are not shown in the Nokia native Inbox, Outbox or Sent items
- You can set special sound for your encrypted messages
- Messages are encrypted during transfer and retain encrypted on the mobile phone
- Support of long SMSs
- After you read the SMS it stays decrypted on the phone, to read it once more you have to enter the right password.





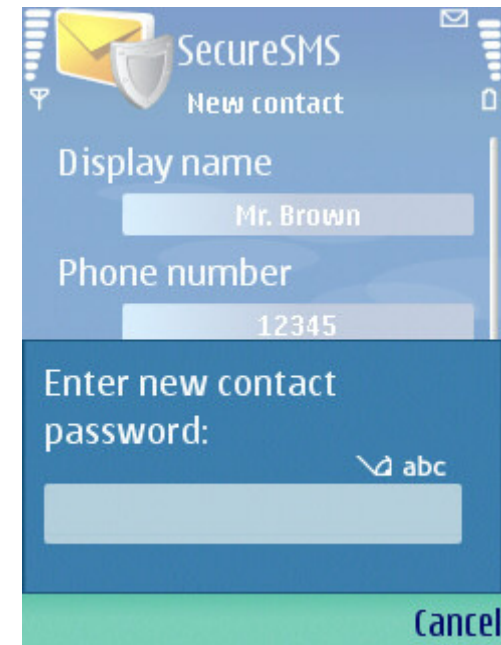
There are 2 types of passwords:  
application password and unique  
contact's password

Application password is entered on  
every application start



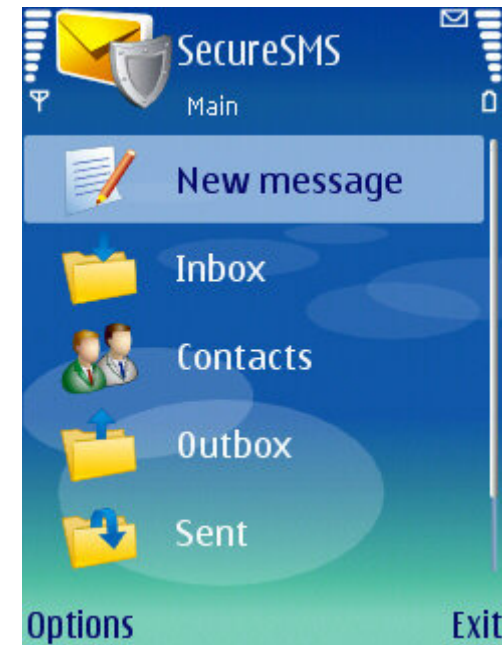


Unique contact's password is used for  
SMS messages encryption

A screenshot of the SecureSMS application interface. The title bar shows "SecureSMS" and "New contact". Below the title bar, there are two input fields: "Display name" with the text "Mr. Brown" and "Phone number" with the text "12345". Below these fields is a section titled "Enter new contact password:" with a text input field and a keyboard icon labeled "abc". At the bottom right of the form is a "Cancel" button.



The interface of the app is very similar to the interface of the native Nokia messaging



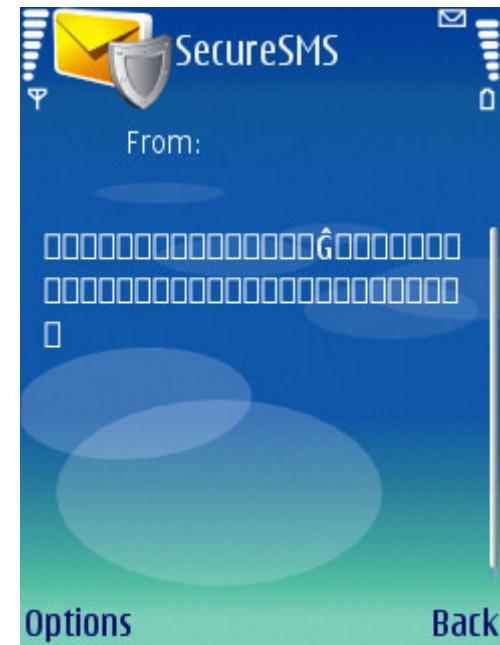


Every contact in the Application  
Contacts list should have various  
passwords to ensure the  
confidentiality of your message





When the incorrect contact password is entered, the message will not be decrypted correctly





## Secure SMS is secure because:

- The incoming message is encrypted in case the sender is found in the Application Contacts, or the correct unique contact's password is entered if the sender is not in the Contacts
- Every contact from the Application Contacts list should have various passwords to ensure the confidentiality of your message
- SecureSMS also secures your SMS against unauthorized access
- SMS messages are encrypted during transfer and retain encrypted on your mobile phone



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