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Secure Voice v 1.1



**Mobile conversation encryption for
Symbian Smartphones**

www.5pro-software.com

General Info about Secure Voice

- Enterprise solution for mobile conversation security
- Secures sensitive information from eavesdropping and overhearing using strong encryption algorithms
- Best audio quality in full duplex mode



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Secure Voice is targeted for:

Series 60.2 and Series 60.3 Symbian Smartphones:

**Nokia 6630, Nokia 6680, Nokia 6681, Nokia N70, Nokia N90,
Nokia N72**

**Nokia N73, Nokia N73 Music Edition, Nokia N80, Nokia
E61 and others**



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Application features

- Secure Voice is a full duplex voice encryption solution, where you can talk and listen at the same time
- Because of the exchanged keys changing instantly, the decrypting of the conversation is allowed only with the target mobile, but with no other device
- For better security there exist two layers of protection
- Excellent audio quality and no pausing
- Fully compatible with Secure Voice landline for home phones



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Secure Voice is really secure!
You can rely on its conversation protection
– see yourself why:



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These are the consistent steps of encryption between two mobile phones:

- the program listens for all incoming data calls
- when data call is arrived it takes it
- to establish secure session two programs connect and exchange RSA 1024 public keys
- all voice data is encrypted with constantly changing session keys
- the public key is regenerated every month



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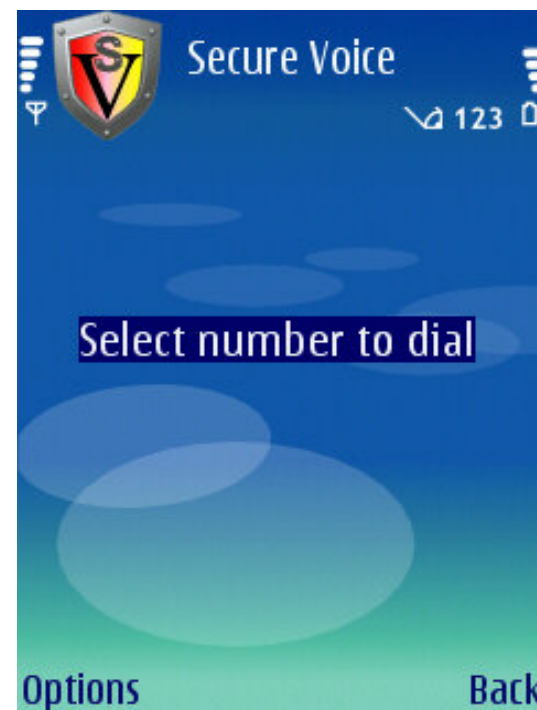
**You know already how to operate Secure
Voice, it is very simple:**



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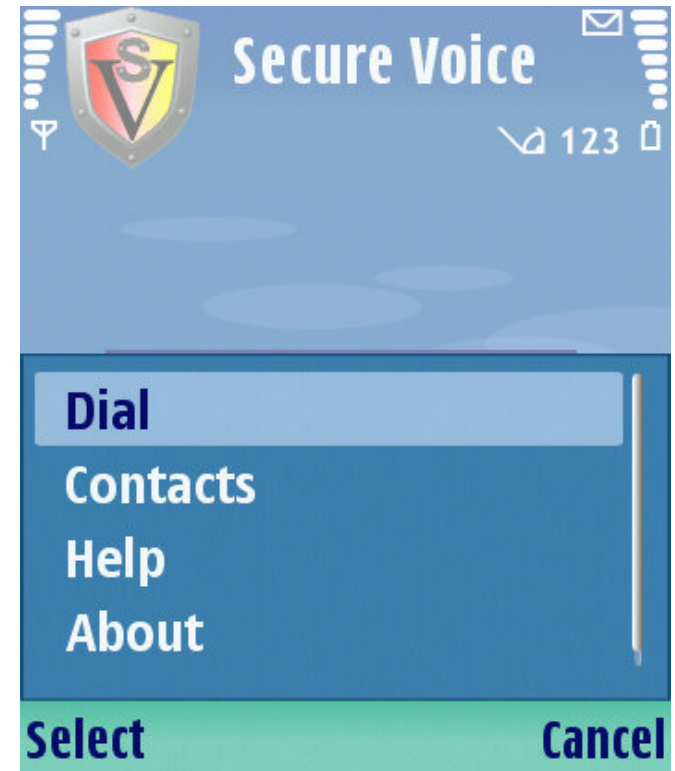


Comfortable interface allows choosing the number from the address/phone book or you can enter the call number by hands



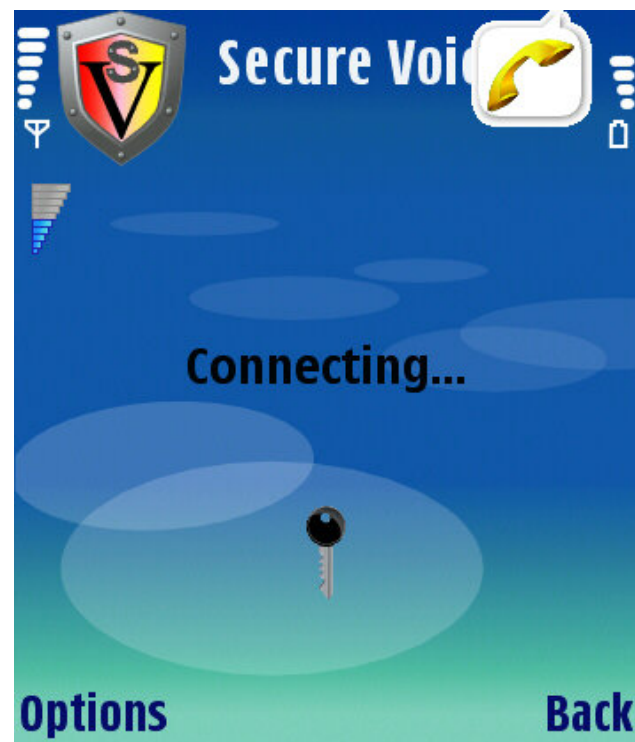


To **establish** the connection with the number, you have just to press the button Dial.





The **progress** is shown in the messages in the upper part of the screen and in the graphical status bar.



After **Authentication** and **Key Exchange** are successful, you are notified when you can talk.

After that a normal mobile phone conversation in excellent quality is held.





Secure Voice has one requirement:

the **Data Call** must be enabled on the SIM card and the phone has to be in the GSM network mode (not in the UMTS mode, as UMTS has no Data Call).



Use Cases of Secure Voice

Secure Voice can be used by:

- **Government**
- **Army**
- **Businessmen**
- **VIPs**
- **Ordinary citizens**

Secure Voice can be used everywhere!

Government

- **Secures secret and important phone calls**
- **Protects conversation from eavesdropping**
- **Transfers secure data through encrypted channel**
- **Be always confident in conversation security**



Army

- **Encrypts conversation on the fly what is needed in extreme situations**
- **Protects conversation from overhearing**
- **Allows to encrypt secret conversation in full duplex mode**



Businessmen

- **Rely on Secure Voice transmitting the most important information about your clients**
- **Talk anywhere simultaneously and securely**
- **Protects conversation from eavesdropping and overhearing**



Citizens

- **Simple to use with intuitive interface**
- **Talk and listen simultaneously, i.e. in full duplex mode**
- **Secure to talk at home, in the street, at work**





Secure Voice: Behaviour in Roaming

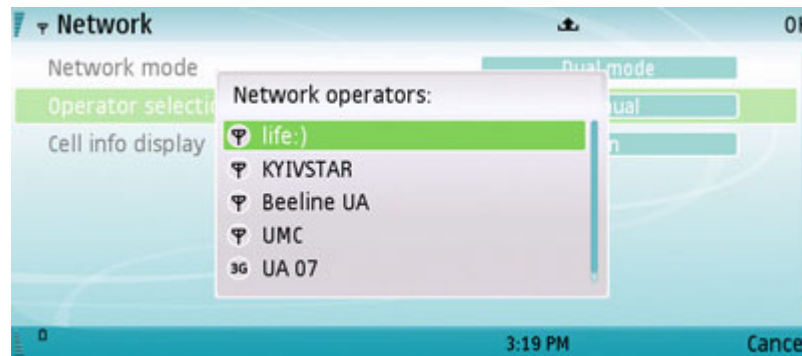
Roaming of Secure Voice is possible in most countries:



Only precondition: an extra Data Call (CSD) number should be used

Secure Voice: Always easy to use in roaming

- When traveling all over the world there is no need to change the SIM card
- On entering a foreign country, Secure Voice shows just the operators list where Secure Voice should be used



Secure Voice: Always easy to use in roaming

- User chooses an operator from the list basing on his own preferences (like price)
- Secure Voice adjusts its settings to the operator chosen
- Secure Voice operator settings are always up to date: they are automatically updated from the server once a month

Contact us at

secure.voice@5pro-software.com

in order to have more information and some test copies of Secure Voice to test on your network.