

SecuVOICE



You are a carrier of secrets – is your phone as well?

These days, tapping into telephone calls made via landline or mobile phone is easier than ever. And with a little technical know-how, anyone can fake a caller ID.

So you can never really be sure who you are speaking to – or if your conversation is being tapped. Regardless of whether you are using the office phone or if you are on the go with your mobile phone: Can you really afford to exchange sensitive information and confidential data in such an unsecure environment?

seamless secure communication



SecuVOICE Secures Your Voice Communication

Make phone calls as you normally would – but be absolutely secure from now on: with SecuVOICE, the hardware-encrypted cryptography solution for all phones. All calls between SecuVOICE participants are encrypted in such a way that spies have absolutely no chance of understanding the contents.

At the same time, SecuVOICE guarantees 100 % authentication of your conversation partner– so you always know who you are talking to. SecuVOICE provides the highest level of security using landline as well as mobile phone networks.

Communication as easy as usual

- Usual ease of making phone calls
- Excellent voice quality
- Easy and intuitive operation
- Secure telephone conferencing between landline and mobile phones possible

SecuVOICE encryption is so secure and effective that it has been approved by the German Federal Office for Information Security (BSI) at the VS-NfD (Classified – For official use only) and the "NATO Restricted" security levels. That's why SecuVOICE is ideal for government authorities and companies which need to reliably protect their information.

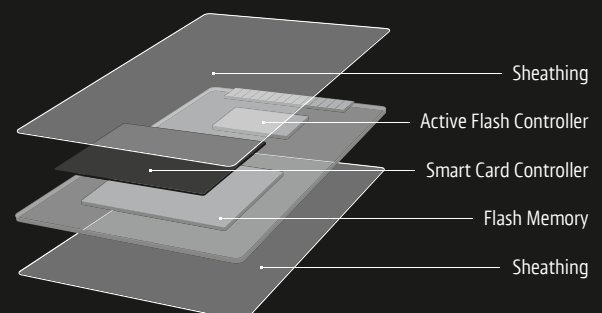
In addition, Secusmart is the first manufacturer to offer the SNS standard (secure cross network communication) in modern business mobile phones with their SecuVOICE mobile communication solution.

Secure as never before

- Hardware solution using Elliptic Curve Cryptography
- Certificate-based subscriber authentication
- End-to-end voice encryption using 128 bit AES
- Fast Diffie-Hellman key agreement (ECDH)
- Certificate-based key authentication for protection from man-in-the-middle attacks
- Approved for VS-NfD und NATO Restricted security levels

SMALL CARD, BIG EFFECT

The basis of all Secusmart solutions is the Secusmart Security Card. This card contains a tamper-proof crypto-element which enables the highest levels of security and 100 % identification. Many popular card formats are available for mobile phones. Landline telephones are either made secure individually or via the telecommunication system being used.



SecuVOICE Mobile

A suitable Secusmart Security Card is simply inserted into a compatible mobile phone – and now your calls are secure in both mobile phone and landline networks. The only requirement: both conversation partners must be using SecuVOICE. Of course you can always make unsecured calls into any telephone network.

A current list of suitable mobile phones can be found at: www.secusmart.com

SecuVOICE Landline

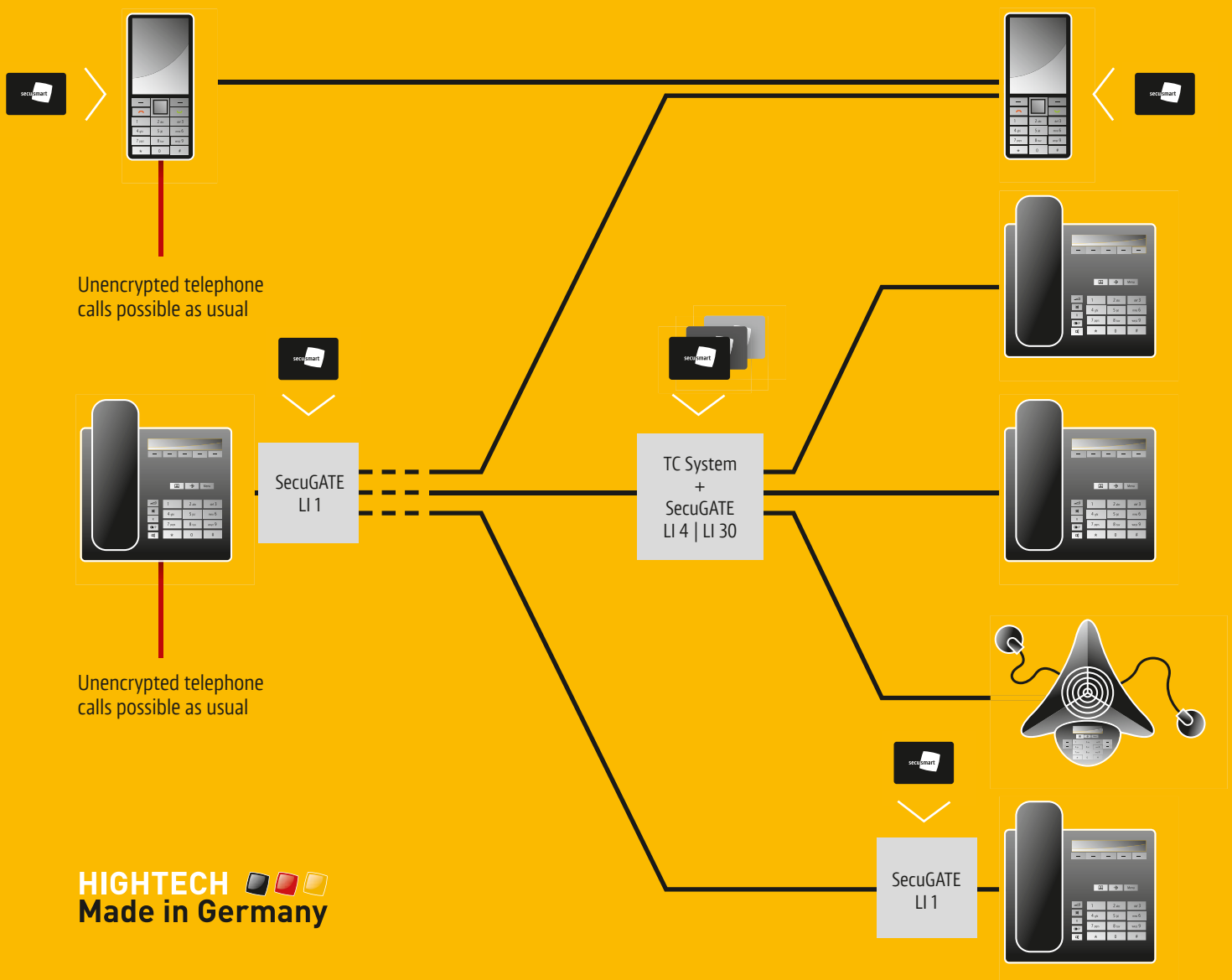
There are various SecuGATE Crypto Gateways which can make landline connections secure using SecuVOICE:

- SecuGATE LI 1 – for 1 ISDN-S0 connection
- SecuGATE LI 4 – for up to 4 ISDN-S0 connections
- SecuGATE LI 30 – for 1 ISDN-S2M connection (up to 30 parallel voice channels)

Optional conference servers are also possible.

Additional versions are currently in development, even for other type of communication technology, e.g. VoIP.

Secure Calls for Mobile and Landline Telephones



HIGHTECH 
Made in Germany

Secusmart GmbH – seamless secure communication

Secusmart develops and distributes trend-setting solutions for the highest levels of secure communication. We demand only the highest levels of quality for our solutions and put great value on optimal user-friendliness. Our goal is to make our mobile, networked society as secure as possible.

This is why we use the most advanced security technologies and continue to develop them with our customers in mind. Maximum security, intuitive operability, highest levels of flexibility and minimum costs: that is the only way communication can be 100% secure – all the time.

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SecuSMS



Secrets sent via SMS text message are like bombs waiting to explode.

These days everybody uses SMS text messages, even in the highest ranks of the government. This form of message is not only quick to write and send but also easy to intercept. The sender identity of a text message is easy to forge as well, since hackers are easily able to acquire the necessary technology with minimal financial effort.

The problem: Whatever you put into an SMS text message could easily end up in the wrong hands. Or you might receive a text message which shows a fake sender. How long can you afford to keep ignoring this security gap?

seamless secure communication

secu**smart**

SecuSMS Defuses the Situation

Finally, you can trust your SMS text messages again – and trust them with everything – because SecuSMS offers you hardware-based encryption for your messages. All text messages sent between mobile phones equipped with SecuSMS guarantee that the content is in fact from the displayed sender – and that nobody but you can decrypt these SMS messages

Just text as always

- Works **worldwide** in GSM mobile networks
- No difference in handling than that of unencrypted SMS
- Longer messages possible through concatenated text messages
- Chose from a wide selection of new mobile phones

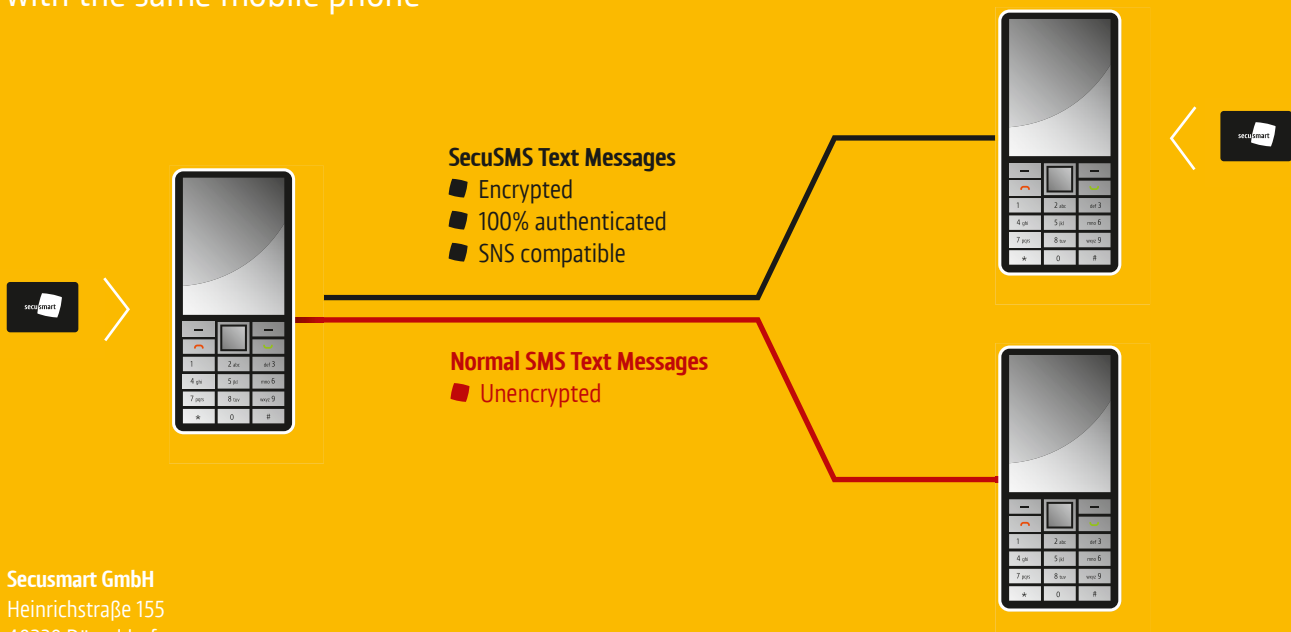
Small Card, Big Effect

SecuSMS works with the Secusmart Security Card, a specially developed micro SD card that is inserted into your mobile phone. This card contains a tamper-proof crypto unit which facilitates a maximum level of security and unambiguous identification. The card also provides encrypted memory storage for all types of files (e.g. SMS, e-mail, contacts, organizer, etc.) Both sender as well as recipient must be equipped with a Secusmart Security Card.

Secure as never before

- Hardware solution using Elliptic Curve Cryptography
- Certificate-based subscriber authentication
- End-to-end voice encryption using 128 bit AES
- Faster Diffie-Hellman key agreement (ECDH)
- Certificate-based key authentication for protection from man-in-the-middle attacks

Secure and normal SMS text messages
with the same mobile phone



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