SECURINESS
PrivateGSM

Protect your telephony with PrivateGSM from SECURINESS
In a world where both business and private telephony is at risk of being intercepted, our PrivateGSM is your answer for confidentiality when communicating is made by cellular phone.
PrivateGSM is installed within 3 minutes!

Without PrivateGSM from SECURINESS - your phone calls are at risk. When communication "travels" through telecoms operators, others can listen in on conversations, despite all the legal policies relating to privacy.

Stop and think about all the people who can use the content of your communications to their advantage against you.

Think about how your conversations could be interpreted differently - if they are taken out of a relationship - and spent another way

NOW, stop thinking about the risks and think about the solution.

Benefits of using our PrivateGSM

Easy to use:
PrivateGSM gets installed on your phone directly on the SIM card and with very few clicks you can make safe and unsafe calls as before - if you dare!

Talk with everybody:
A reception tool follows the license and you can send them directly to any contact as you want to be able to make secure calls - without any kind of cost to your contacts

With our PrivateGSM you increase the quality of your professional life. You'll be able to discuss everything over the phone, even the most delicate issues and information. Then you do not have to meet personally with customers, suppliers, partners and colleagues to ensure the information and this saves you valuable time and cost and improve efficiency dramatically.

SECURINESS

www.securiness.com

HOW DOES IT WORK

PrivateGSM once installed on your cellular phone, allows you to carry out both secure calls (ciphered) and standard calls (plain). To protect a phone call, the software has to be installed on both cell phones involved. You only have to buy one license to talk securely with all of your contacts thanks to the invite mechanism.

The start up of the software is sophisticated. When you start a secure call, your phone agrees with the counterpart on a session key AES256 using the method of Diffie Hellman, an ellipsis curve. The voice is then digitalized, ciphered and transmitted through the GSM-DATI channel to the other phone, which deciphers the voice using the session key that only it knows. At the end of the phone call, the unique key session is destroyed. The quality of the voice is the same as with a normal phone call.

SECURITY

Safe calls made with PrivateGSM are impenetrable. The two involved phones exchange a security key with the protocol ZRTP, invented by Philip R. Zimmermann, and use this key to encrypt the conversation between AES256

A unique key for every session
Call become secure through the implementation of a unique key, which is different for every new session, and destroyed immediately after each use. Not even the technical staff who protect the software will be able to track or decipher the conversation.