

KryptoPhone

The not interceptable fixed telephone service

PREVIEW

Telephone companies keep records in their archives of telephone call data (calling number and number called) for over 10 years. KryptoPhone doesn't transit through the operators public telephone switches but uses Internet connection through Wifi or 3g/Umts safely encrypting the content without leaving trace or the possibility of recording the data of the caller or the called. Call tapping for investigation purposes and for commercial competition/illegal industrial espionage, leads to 5% of the worlds' population to be listened to during private conversations.

KryptoPhone also codifies the audio of the call so that it is NOT comprehensible to anybody but to the direct interlocutor using certified and universally safe algorithms (Aes 256 and Rsa 4096). The privacy of the phone call is further guaranteed by the use of an encrypted technical infrastructure physically allocated in nations where telephone interception and tapping is not permitted by law and built so that any possible internal or external tampering is impossible.

PREREQUISITES

- Internet connection with at least 30kb real bandwidth;
- electric outlet to plug in telephone (240-/100 volts).



THE SOLUTION

The fixed telephone, supplied with the service, needs to be simply connected to an Internet connection using the network cable supplied or through WiFi (additional option).

After only a few minutes it will be automatically ready to call any other Kryptotel line, fixed mobile or KryptoComputer.

The non-traceable encrypted calls can only be performed by Kryptotel telephones because both the caller and the called must be able to code and decode the received and dialed call.

Every telephone has a 6 digit Kryptotel network number and all Kryptotel subscribers can call each other using the corresponding numbers.

You will be able to call whenever you want with no added costs!

SECURITY

All the content of the call is encrypted using algorithms that are universally recognized as being TOTALLY safe;

the initial key exchange is done by using asymmetrical 4096 bit RSA keys and then the communication is continued by using symmetrical AES 256 keys;

For extra security the symmetrical password of the AES 256 bits key is changed every 120 seconds;

The servers that manage the calls are encrypted with 3 levels of encryption, in order to guarantee the impossibility of tampering even by Kryptotel's inside personnel;

The telephones switches do not record any information of the communication.

ADVANTAGES

- **totally private conversations with no fear of interception;**
- **no trace of the call** (caller or called);
- **no cost for the calls**, doesn't matter how many or how long they are;
- **encrypted audio conference at no added cost;**
- **works all over the world, wherever there is Internet connection.**

UNIQUENESS

- KryptoPhone DOES **not cause any delay** and those who try it never turn back!

- KryptoPhone **does not use the operators regular public switches but Kryptotel servers** that are reached through the internet with an encrypted connection. **No record or trace of the caller or the called is kept and guaranteed 100% impossibility for anybody to intercept/tap/listen to the conversations.**

- KryptoPhone guarantees that the quality and the clarity of the voice are equivalent to any standard fixed call to the contrary of all competitors' products where crackles and distortions are heard due to the technology used.

- None of the competitors provide encrypted audio conference, necessary in today's business world.

KryptoPhone is a Kryptotel's service.

Born to respond to the increasing needs of secrecy and anonymity of iPhone calls, it adapts to Kryptotel's brand concept: the creation of a technical secured infrastructure able to provide more secure and safety communications not externally attachable.

Kryptotel is available to provide "full discovery" of technical infrastructure's sources and operational methodology, for all that customers who wish to have the reability of solution certified.

www.kryptotel.net

 **Kryptotel**

La tua Privacy è la nostra Mission!