

# KryptoPABX

## Anti wiretapping telephone switch.

### PREVIEW

**KryptoPABX is an encrypted telephone switch that is able to manage all your phone calls by using a platform that is directly installed in your Head Quarter offices and is under your total control.**

With KryptoPABX you can create your own encrypted telephone network.

There is no data exchange with the other operators. By simply connecting to KryptoPABX you can talk without the risk of being intercepted or tapped.

In a world where the need for technology is rapidly increasing, it is even more important to equip your company with systems that are able to ensure privacy over ideas, projects and privacy during communications.

Wiretapping and industrial spying have now taken a key role in company strategies. It is more and more difficult for companies to develop competitive ideas and products in today's market, therefore wiretapping and intercepting communications has become part of their daily strategy.

**KryptoPABX also codifies the audio of the call so that it is NOT comprehensible to anybody but to the direct party involved using certified and universally safe algorithms (TLS and SRTP).**



### THE SOLUTION

**KryptoPABX works like a standard telephone switch and it enables encrypted connections to all users that are using phones associated with it.**

KryptoPABX can be installed anywhere and can be reached from anywhere in the world through a simple Internet connection no matter where the users are.

Below are the phones and devices that can be used with KryptoPABX's encrypted network:

- Desk Voip Phones provided by Kryptotel and equipped with appropriate encryption features.
- iPhone 3gs or 4 with Operating System 4.1 or later or other Smartphone with [operating system Android 2.1 or later](#) with the installation of appropriate application compatible with KryptoPABX.

Normal telephone operators that have very high risk of wiretapping and that record all call data will no longer have to be used once KryptoPABX is installed. KryptoPABX gives the opportunity of having telephone traffic operating exclusively over personal encrypted lines. No added cost is involved!

Even with physical access to the KryptoPABX device it is impossible to access the operating system cause it is especially ciphered with 3 different algorithms [Aes\\_256](#), [Serpent](#), [Twofish](#).

Ability to manage individual users by creating encrypted audio channels where only the caller and the person directly involved are able to decipher the call.

Conversations with the GUARANTEE of not being intercepted; no trace or record of call details (caller and recipient).

No charges for phone calls.

Encrypted audio conference at NO ADDED COST.

The content of the calls are encrypted by using standard protocols [TLS](#) and [SRTP](#).

### ADVANTAGES

KryptoPABX uses the Internet to connect to all the phones and all incoming and outgoing calls are [encrypted](#).

The main features include:

- Encrypted voice mails
- IVR features (Intelligence Voice Response)
- Follow me feature
- Call transfer
- Allows multiple calls to be placed simultaneously to any of the phones and manages "call holding"
- Music on hold and/or transfer
- Voice quality is as clear as a normal land line phone call
- No delay is caused by the encryption
- No waiting period, phones ring immediately after the the number is dialed.
- Enables encrypted audio conference with up to 4 users.
- Encrypted mass storage
- Firewall
- Encrypted operating system
- WiFi integrated

KryptoPABX is a Kryptotel service.

Designed to meet the needs of Business connection privacy and anonymity, it adapts to Kryptotel's brand concept: the creation of a technical infrastructure able to provide security solutions and data protection in the digital era.

Kryptotel is available to provide "full discovery" of technical infrastructure sources and operational methodology, for all those customers who wish to have the reliability of a certified solution.

[www.kryptotel.net](http://www.kryptotel.net)