

Private*wave*

Enterprise
VoIP Security
SUITE

Firewall, VPN,
Data Encryption, Encoded Backup...

You have secured everything
...what about the voice?

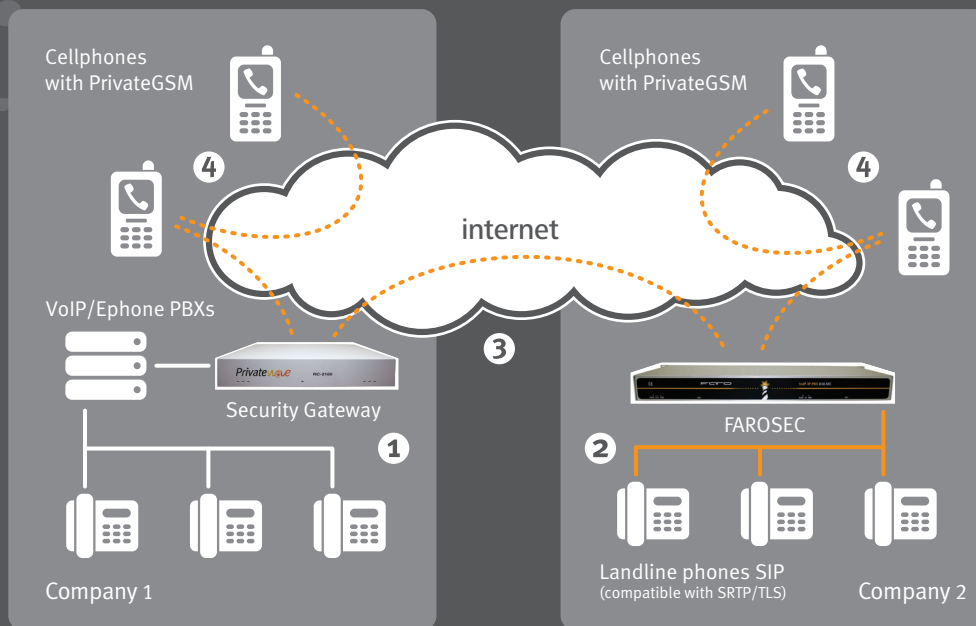
Communicating in a secure way today is a strategic requirement for any type of entity. There are many ways of stealing and manipulating sensitive data from our phones, and these mechanisms are within anybody's reach.

The main target for such attacks against privacy is the communication between cellphones and calls provided by PBXs. Even if they operate perfectly, traditional PBXs often present a vulnerability that can be exploited. These can be people willing to just wiretap a call, or damage the communication network. Wiretapped party will not realize until damage is done: yet, nothing can be changed.

The solution to make safe phone calls is: Enterprise VoIP Security Suite.

To protect privacy of corporate communications, PrivateWave, a company specialized in telecommunications security, has created Enterprise VoIP Security Suite. Enterprise VoIP Security Suite is the first landline-and-cellphone-integrated, unique solution that offers secure calls inside and outside of a company network; on landline phones and cellphones. The calls encoding option on landline phones is provided by PrivateWave through Farosec server (or by the security gateway with Ephone PBX); instead, on cellphones by PrivateGSM, a voice encryption software.

Enterprise VoIP Security Suite works in a simple way:



- 1 If company already possesses a VoIP PBX, there is no need to replace it. It is enough to adopt the PrivateWave Security Gateway and use PrivateGSM to allow anyone to make secure, encrypted calls directly from their desktop to any cellphone. The system strengthens communications security by furnishing confidentiality beyond the company network.
- 2 If company does not have a VoIP PBX, they can use Farosec. It is then possible to make secure calls to all landline phones and to external cellphones that have PrivateGSM installed.
- 3 Thanks to Enterprise VoIP Security Suite, every communication between companies, landline and mobile, become secure and protected.
- 4 Using PrivateGSM is enough to speak securely with any other PrivateGSM users within the same network.

A voice communication can be considered totally secure, only when it is supported by an integrated system:

- because integrated system is not vulnerable to external attacks and it does not create gaps on the network that could become weaknesses of the system;
- because updating and repairing an integrated system is much faster and safer: you only need one specialist that knows the whole system profoundly
- because communicating in an integrated system is much more convenient, and it gives the possibility to communicate securely with everybody without worrying.

Benefits of a secure communication:

Finance sector



The operations of private banking will be simplified by using a secure communication channel. It will make possible to exchange sensitive data on legal matters on one's own bank account, or one's investments directly over the phone: without having to see that person, and with a security that avoids third-party from listening. Besides, it is a time- and money-saving for both clients and the banks. Every company can offer their clients total confidentiality as an added value.

Business sector



Company know-how is a first value for a company set to grow. Secure communication is the best guarantee to that. Not only can it be possible to talk freely and confidentially over the cellphone, but also discuss any industrial secrets, development and launch of new products, etc.

Military sector, Security and Intelligence



A 100% wiretap-free communication forms the base of security for someone that works in the law enforcement sector, in an environment with high risk, like urban neighborhoods with a high crime-rate, and in a war area. Avoiding a spread of sensitive information, also its control and security yield more effective and less exposed to possible failures.

Public sector



The privacy is one of the values to protect when the importance of civil persons is the case. The spread of juridical and administrative informations can indeed create different obstacles for the parties involved (blackmailing, info used by mags, theft of identity, etc.). To prevent such cases, equipping oneself with a confidential channel to exchange reserved information with different administrative entities is a good thing.

The PrivateWave Enterprise VoIP security Suite consists of:



FAROSEC

VoIP corporate PBX for encrypting phone calls “to” and “from” landline phones.

or



Security Gateway

VoIP communications security gateway to combine with network and pre-installed corporate PBX.

or



Ephone

Business PBX, highly scalable (up to 4000 users), combined with the Security Gateway, makes phone communication safe.



PrivateGSM

Software compatible with Nokia, Blackberry and iPhone; able to encrypt all outgoing and incoming calls to other PrivateGSM users and to PrivateWave PBXs within the same network.

We are experts in the telecommunications security.

PrivateWave Italia is an IT security communication company specialized in solutions for phone calls protection.

Thanks to PrivateGSM, an innovative software to provide security on cellphone communications, and to its PBX Farosec (or Ephone), PrivateWave is the first company in the world to offer a fixed-mobile convergence solution, providing total protection over the entire voice channel.

The goal is to integrate needs for confidentiality, with simplicity of purchase and friendly use of technology.

For further informations:

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