



"KRIPTEL P96" Voice and data secure communication equipment

General description:

KRIPTEL P96 is high technology equipment for voice and data transfer in open or cipher mode. This device uses DES algorithm. DES algorithm is the basic encryption algorithm which enables using of $1,91 \cdot 10^{19}$ different keys. In addition, dynamic encryption keys changing is possible, using random key generator three times per second. A voice quality and communication speed with DES algorithm are better compared to the other compress algorithms so the person can be recognized by the voice.



Kriptel

Connection can be obtained using standard telephone line or/and Ethernet LAN. This feature enables more functionality in term of simultaneously using analog public switching telephone network and Internet global communication network, mixing voice and data at the same time.

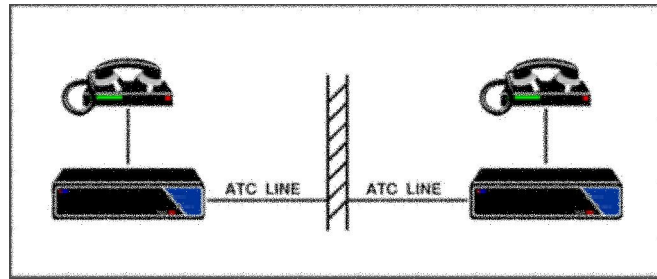
When the **KRIPTEL P96** is connected to a PC, the file transfer, connection to the terminal, or simple graphic data exchange can be done simultaneously with the voice conversation.

Features:

- Protected voice communication using standard telephone line
- Protected communication using Ethernet10 local area network
- Protected voice and data over Internet global communication network
- Protected voice and data simultaneously
- High voice quality compress algorithm CELP 4800
- High secure DES algorithm
- All functions enable starting at 9600 bps transfer speed

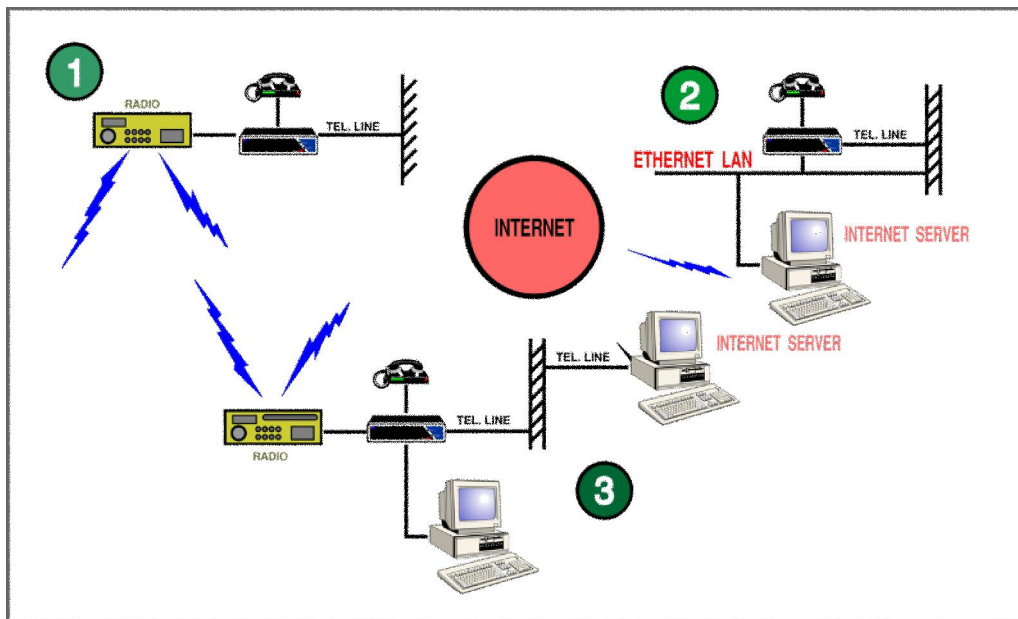
Typical configurations:

UTILIZATION WITH STANDARD PUBLIC SWITCHING TELEPHONE NETWORK



In this configuration a phone can be used in normal conditions. The cipher mode is initiated by pressing of the specified button during the speak time. After the voice confirmation of the protected mode activation, the safe communication can be continued.

COMMUNICATION OVER THE INTERNET USING TELEPHONE LINE OR ETHERNET LAN



This configuration shows us many connection possibilities. Three examples are typical:

- In the first example the **KRIPTEL P96** obtains connections over the Internet using standard telephone line. A voice connection can be made to user 2 or 3.
- In the second example user has access to the Ethernet local area network, and to the analog telephone line at same time. These two ways are completely independent. User can communicate by voice or/and data.
- In the third example user has access to the Internet via public Internet server, and can communicate by voice or/and data.

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