

VoIP and security

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The analogous voice is forwarded in digitised form in the phone connections since a number of decades, since the general use of the PCM technology. After having been solved the problem of the QoS nothing prevented using the packet switched IP network for forwarding the voice communication. This was advantageous for the users, as the phone communication became much cheaper (occasionally free), and it was useful for the phone companies, too, as the operational costs became considerably reduced.

But this was not completely for nothing. In the same time the use of the Internet has brought security risks, due to the very nature of the Internet. The presentation will overview the sources and kinds of the security risks, as well as the ways and tools to avoid or decrease them. The regulation issues will also be treated, with special emphasis on the problems connected with the emergency phone numbers.