Abstract

This work gives an overview of IP telephony and explains the existing difficulties in implementing VoIP services to migrate the TDM base telephony to IP telephony. When the architecture is deployed in IP-based networks, the causes of these problems are explained with three approaches used by carriers to solve interoperability. They are TDM base telephony to IP telephony by using soft switches and voice gateways, using different audio codecs for better voice quality, bandwidth used in IP telephony.

References

3. A. D. Keromytis, "A comprehensive survey of Voice over IP security research", IEEE


**Index Terms**

Computer Science Wireless

**Keywords**

SIP-Trunking, TDM, IP-PBX, Softswitch, softphone