Abstract

The emergence of VoIP in the growing Internet services today has brought about new way in which services are rendered to the public. In view of providing better alternative to Public Switch Telephone Network (PSTN) with high quality and efficient internet telephony (VoIP), there is a need of having an improved QoS in Voice transmitted over the Internet. In this work, the influence of different impairment factors on Voice over Internet Protocol (VoIP) as a contributory factor were analyzed, characterized, and evaluated. The results obtained from the research work compared with the theoretical values have some common correlations. This indicated that the impairment factors have significant contributory effect on voice transmitted over the internet.
Modelling the Contributory Effect of Impairment Factors on Voice Transmitted over the Internet

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Index Terms

Computer Science
Communications

Keywords

E-Model Quality of Service Mean Opinion Score Impairment Factors Contributory Effects

Voice-over-IP