

VoIP technology over 802.11

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Abstract: This topic focuses on researching and deploying Voice over IP (VoIP) technology on the 802.11 standard wireless network platform, aiming to address voice quality issues in modern mobile communication systems. The objective of the project is to design and build a stable and efficient VoIP system in a wireless environment. The research method applies a combined theoretical and experimental approach to evaluate the feasibility and performance of the proposed solution. Through the deployment process, it is expected to provide useful recommendations for the future development of mobile communication technology.

Keywords: VoIP, 802.11, mobile communications, wireless network systems, voice quality