

Design and simulation of a VoIP system for Mai Linh taxi company

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Abstract: In the context of the rapid development of information technology in the transportation industry, this topic aims to research and design an optimized VoIP (Voice over Internet Protocol) system for Mai Linh taxi company. The goal is to improve operational management efficiency and enhance customer service through the deployment of online voice calls between drivers and dispatchers. The research methodology includes technical evaluation, practical analysis at Mai Linh taxi company, and system simulation design based on that. The expected result is to build a widely deployable VoIP solution, contributing to improved operations and customer experience.

Keywords: VoIP, Transportation system, Internet network, Taxi management, Application deployment