

Research and deployment of VoIP technology on the OpenSIPS version for TMA company

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Abstract: In today's digital era, researching and deploying an IP telephony (VoIP) system based on the OpenSIPS platform to enhance internal communication efficiency within TMA company has become an urgent requirement. The objective of this project is to build a stable, efficient, and secure VoIP system that meets the high-quality voice transmission needs of the company's departments. The research methodology includes analyzing the current environment, designing the system based on the OpenSIPS architecture, experimental deployment, and system optimization. The project promises to bring many benefits, such as reducing voice transmission costs, increasing flexibility, and improving the quality of voice transmission services for TMA company.

Keywords: VoIP, OpenSIPS, voice transmission system, digital, mobile technology