

# **Building a virtual private network for Dai Tu District Post Office, Thai Nguyen Province.**

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**Abstract:** In the context of the increasingly developing digital environment, the issues of information security and management efficiency in the postal industry have become urgent. This project aims to build a Virtual Private Network (VPN) for the Dai Tu District Post Office in Thai Nguyen Province, to ensure information security while enhancing operational productivity. Through a combination of theoretical research and experimental deployment, this project will evaluate modern network solutions and select the most suitable technology. The expected outcome of the project is the construction of a secure and efficient network system, making a significant contribution to the development of local postal technology.

**Keywords:** Virtual Private Network (VPN), Postal, Information Management, Productivity, Security