

Building a virtual private network system for Thai Nguyen province post office using SSL technology.

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Abstract: This topic aims to research and deploy a Private Virtual Network (PVPN) system using Secure Sockets Layer (SSL) technology in the telecommunications field, specifically for the Thai Nguyen Provincial Post Office. Building a PVPN based on SSL not only meets high security requirements but also optimizes network performance. Through research and experimental deployment, the topic aims to provide a secure solution for data transmission between post office facilities, thereby improving the operational efficiency of the postal sector and ensuring stability in information transactions. The expected results will contribute to enhancing the competitiveness of the Thai Nguyen Provincial Post Office in the current market.

Keywords: Virtual Private Network (VPN), SSL technology, network security, postal services, telecommunications