

# **Design a VPN network model for NTC Limited Liability Company**

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**Abstract:** In the context of growing enterprises, ensuring security and efficiency in internal communication becomes crucial. This topic focuses on the design and deployment of a Virtual Private Network (VPN) model for NTC Limited Liability Company to provide a secure and flexible solution. The objective of the research is to build a VPN system that optimizes security and scalability. The methodology includes current state analysis, network architecture design based on security principles, experimentation with advanced network technologies, and performance evaluation. This topic is expected to provide a useful solution for improving information security at NTC.

**Keywords:** VPN network, Information security, Limited Liability Company, Network architecture