

# **Building a virtual private network infrastructure solution for Nisko Vietnam Joint Stock Company.**

**Trieu Quan Hanh**

**Abstract:** In the context of the rapid development of digital technology, the issues of information security and data transmission performance are becoming urgent. This project aims to build a Virtual Private Network (VPN) system for Nisko Vietnam Joint Stock Company to enhance network security and optimize internal information exchange. Through a combination of theoretical research and experimentation, the project will identify technical requirements, design a network model, and deploy the system. The expected outcome is a comprehensive solution that meets the enterprise's needs for security and data transmission performance.

**Keywords:** virtual private network infrastructure, cybersecurity, internal communication, Nisko Vietnam Joint Stock Company, digital technology