

Design of LAN network system and security for Dai Nam enterprise

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Abstract: In the context of the increasing demand for information connectivity and data security in enterprises, this topic focuses on designing and deploying a flexible and secure LAN system for Dai Nam Company. The main objective is to build a LAN solution that optimizes data transmission performance while ensuring high security. The research methodology includes requirement analysis, network architecture design, system deployment, and practical testing. The expected outcome of this topic is to provide the enterprise with a solid technical foundation for sustainable development in the modern digital environment.

Keywords: LAN system, Data security, Network architecture, Dai Nam Enterprise, Information technology