

Building a network system for the FCC Thai Nguyen building.

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Abstract: In the context of information and communication technology (ICT) development, building an effective network system for the FCC building in Thai Nguyen becomes essential to optimize workflow and enhance safety and security. This project aims to design and deploy a network system that synchronizes the necessary digital services for company operations. The research methodology includes assessing the current status, selecting appropriate solutions through comparison of international cybersecurity regulations, and finally conducting experimental deployment at the building. The project is expected to make a significant contribution to improving the organization's information technology management capacity and promoting sustainable development in the ICT industry.

Keywords: network systems, information technology, cybersecurity