

Building a one-stop interconnection system for the Department of Information and Communications, Thai Nguyen Province.

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Abstract: In the current context, building a Single Window System at the Department of Information and Communications of Thai Nguyen province has become an essential need to improve the efficiency of public administration management. This topic aims to solve the problem of optimizing document processing procedures, reducing waiting times, and enhancing connectivity between units within the system through the deployment of a synchronized management information system. To achieve this goal, the research applies a combined approach between information and communication technology (ICT) governance theory and experimentation based on Blockchain technology application to build an intuitive, high-security interface. The results of the topic not only contribute to improving the operational activities of the Department but also play an important role in the digital transformation process at the local level.

Keywords: One-stop interconnected system, Department of Information and Communications, Thai Nguyen, Blockchain Technology, Public administration management