

Solution for developing a management information system for digital SCF based on factors affecting the service supply chain of VNPT Ha Giang

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Abstract: This study investigates the development of a management information system (MIS) for the digital Supply Chain Finance (SCF) operations of VNPT Ha Giang, focusing on the specific factors influencing its service supply chain. Through an analysis of the provincial telecommunications provider's operational environment, key determinants such as data integration complexity, stakeholder coordination, and infrastructure limitations are identified. The research proposes a tailored MIS solution designed to enhance transparency, reduce processing delays, and mitigate financial risks within the digital SCF framework. By aligning system architecture with the unique service supply chain dynamics of VNPT Ha Giang, the proposed solution aims to optimize resource allocation and improve decision-making. The findings offer a practical roadmap for implementing a robust information system that supports efficient digital financial flows, contributing to the broader digital transformation goals of the organization. This study underscores the critical role of context-specific factors in designing effective MIS for decentralized SCF models.

Keywords: SCF number, management information system, service supply chain, VNPT Ha Giang