

Digital transformation solution for Supply Chain Financing at VNPT Ha Giang on a digital technology platform

Leu Thi Hanh

Abstract: This study proposes a digital transformation solution for supply chain finance (SCF) at VNPT Ha Giang, leveraging digital technology platforms to address operational inefficiencies and financial bottlenecks within the provincial telecommunications unit. By integrating advanced digital tools such as blockchain, big data analytics, and automated workflow systems, the solution aims to enhance transparency, reduce transaction costs, and accelerate payment cycles for suppliers. The research employs a mixed-method approach, combining qualitative interviews with key stakeholders and quantitative analysis of existing SCF processes. Findings reveal that current manual procedures lead to delays, information asymmetry, and limited access to financing for small suppliers. The proposed digital platform facilitates real-time data sharing, automated credit assessment, and smart contract execution, thereby improving liquidity and trust across the supply chain. This transformation not only optimizes VNPT Ha Giang's financial operations but also serves as a replicable model for other regional enterprises seeking to modernize their SCF ecosystems through digitalization.

Keywords: Digital transformation, Supply chain financing, VNPT Ha Giang, Digital technology platform