JOURNAL INFORMATIC, EDUCATION AND MANAGEMENT (JIEM)

Vol 8 No 1 (2026): September 2025 - February 2026, pp. 533 ~ 539

ISSN: 2716-0696, DOI: 10.61992/jiem.v8i1.239

Digitalization for Governance and Compliance: A Systematic Review of E-Invoicing and E-Filing Systems

Aynil Ajijar Hamdani ^{1*}, Sambas Ade Kesuma ¹, Fahmi Natigor Nasution ¹, Keulana Erwin ¹

¹ Universitas Sumatera Utara

Article Info

Article history:

Received 16 December 2025 Revised 19 December 2025 Accepted 22 December 2025

Keywords:

Digitalization, E-Invoicing, E-Filing, Governance

ABSTRACT

This study reviews global research on digital transformation, examining how e-invoicing, e-filing, digital port systems, and supply-chain data integration affect governance and digitalization compliance. the improves transparency, efficiency, and compliance, though regulatory differences remain a challenge. This research employs a literature review method by analyzing scholarly articles relevant to the topic. Digital transformation such as e-invoicing, e-filing, digital platforms, and supply-chain data integration improve governance, transparency, and efficiency. Real-time data and fewer manual errors enhance auditability. Evidence from several countries confirms better payment accuracy, logistics performance, and tax compliance, though regulatory harmonization especially within the EU remains a challenge. This study integrates cross-country evidence to clarify fragmented findings, showing that digitalization enhances transparency, reduces information asymmetry, and strengthens compliance across regulatory contexts. This study shows that digital tools improve transparency, efficiency, and compliance, guiding policymakers in adopting integrated platforms to reduce fraud and strengthen governance. This study is limited by its reliance on a literature review method, constrained to articles published within specific timeframes and academic databases.

This is an open access article under the CC BY-SA license.



Corresponding Author:

Aynil Ajijar Hamdani | Universitas Sumatera Utara

Email: aynilajijar@students.usu.ac.id