

Engineering Trust in AIoT Governance: A Methodological Framework for Scalable and Inclusive Digital Compliance

Eric Allan John Concepcion Abenes

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Abstract

Current digital compliance research is often narrow and exclusive. This review proposes a new framework, analysing 12 studies from 2019 to 2025 across AI, compliance, RegTech and blockchain governance. It critiques the dominance of approaches that exclude stakeholder voices and context-specific insights. Using methodological triangulation, the framework interprets current practices to foster trust in AIoT governance and enable scalable, inclusive digital compliance.

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epress@unitec.ac.nz
www.unitec.ac.nz/epress/

Unitec
Private Bag 92025
Victoria Street West
Auckland 1142
New Zealand



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