

ABSTRACT

In the era of digital transformation, Information Technology (IT) has changed the way of work and interaction in various sectors, including government. Presidential Instruction No. 3 of 2003 on the implementation of e-government encourages the utilization of IT to improve access to information, public services, transparency, and community participation. In the rural context, the Smart Village concept is emerging as an innovative approach that uses information and communication Technology (ICT) to improve the quality of life of communities with a focus on local resource development and sustainable development (SDG's). The Ministry of Rural Development's 2023 survey shows that out of 75,265 villages in Indonesia, only 11,456 are independent, including Buahbatu Village in West Java Province. Despite this, there are gaps in IT utilization in villages. One of them is in the business processes in Buahbatu Village which are still done manually and not fully supported by adequate information systems, resulting in a lack of operational efficiency and effectiveness. This research will produce an EA blueprint and IT Roadmap as a smart village development strategy by emphasizing Smart Governance using the TOGAF 9.2 framework. By applying EA to the smart village design in Buahbatu Village, it is expected to align village governance with modern IT solutions, supporting the transition to a more efficient and transparent smart village model.

Keywords : Smart Village, Enterprise Architecture, Smart Governance, TOGAF 9.2, IDM, SDG's