

ABSTRACT

DESIGNING TI GOVERNANCE FOR DIGITAL TRANSFORMATION IN XYZ PROVINCIAL GOVERNMENT USING COBIT 2019 IN THE APO DOMAIN (ALIGN, PLAN, AND ORGANIZE)

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The Provincial Government of West Java, as a public institution, is required to have effective and structured information technology (IT) governance to support the implementation of strategic regional programs. However, there is currently no comprehensive documentation of IT governance architecture that can serve as a reference for system development and management. Therefore, an analysis and design of IT governance aligned with organizational needs is necessary. This study aims to assess the existing condition of IT governance and provide improvement recommendations using the COBIT 2019 framework, with a focus on the Align, Plan, and Organize (APO) domain. The analyzed processes include APO01 Managed I&T Management Framework, APO12 Managed Enterprise Risk, and APO13 Managed Enterprise Security. The research adopts the Design Science Research (DSR) methodology through a case study approach, with data collected via observation, interviews, and document analysis. The results show that the current process capability is at level 2 (Managed Process), with several identified gaps across people, process, and technology aspects. The proposed recommendations are expected to strengthen IT governance and support sustainable digital transformation within the West Java Provincial Government.

Keywords: COBIT 2019, IT Governance, West Java Provincial Government, APO Domain, Enterprise Architecture