

ABSTRACT

IT Risk Management Design at PT. Gading Bhakti Utama Using COBIT 2019 Focus Area Risk (Domain APO12, APO13, and EDM01)

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The rapid development of information technology requires companies to have effective IT governance to support the achievement of business objectives and optimal risk management. This study aims to evaluate the maturity level of IT governance and risk management at PT Gading Bhakti Utama (PT GBU) using the COBIT 2019 framework in the priority domains EDM01, APO12, and APO13. The assessment was conducted based on an analysis of the seven GMO components of COBIT 2019 and a Resource, Risk, and Value (RRV) mapping to determine priority solutions. The results showed that the EDM01 domain had the lowest capability score, namely 1.33, which reflects a weak governance structure and the absence of a formal IT decision-making mechanism. Referring to the identification of existing gaps, a number of improvement initiatives were formulated through the Resource, Risk, and Value (RRV) approach. The results of this approach resulted in eight strategic proposals designed based on the company's current condition. The implementation of these recommendations is expected to encourage increased IT governance capabilities, strengthen the risk management system, and ensure the continuity of IT service operations at PT GBU.

Keywords: COBIT 2019, IT Governance, IT Risk Management, RRV