

ABSTRACT

The rapid development of information technology (IT) encourages companies like PT. Gading to immediately carry out digital transformation in order to improve operational efficiency, information security, and competitiveness in the industry. However, a common challenge encountered is the lack of optimal *IT Governance* and risk management, may result in COBIT 2019 Area Risk and an increase in technology risk exposure.

This study aims to show that there are three priority domains in *IT Governance* and risk management at PT. Gading, namely DSS05 Managed Security Services, MEA04 Managed Assurance, and APO01 Managed I&T Framework. These domains were further analyzed based on the COBIT 2019 framework using the seven components of *IT Governance* to produce recommendations, solution designs, and implementation plans.

This research is expected to contribute practically to PT. Gading by strengthening its *IT Governance* and risk management practices and can serve as a reference for other organizations seeking to implement IT risk management that aligns with business strategy.

Keywords: *IT Governance*; IT Risk Management; COBIT 2019; PT. Gading