

ABSTRACT

The advancement of technology is reshaping the organization's perception of Information Technology (IT) as a primary role in enhancing competitive advantage. The importance of IT governance is demonstrated through its implementation, which aligns with the company's strategy and contributes to the success of IT functions. PT Nusantara Turbin dan Propulsi, a subsidiary of a state-owned enterprise (BUMN) in the aircraft MRO industry, adopts COBIT 5 in its governance based on state-owned enterprise regulations. However, internal audits are required to ensure sound governance in line with applicable regulations. The objective of this research is to evaluate and measure the extent of IT governance within the company using the COBIT 2019 framework as the framework for assessing the company's IT governance. Data collection techniques involve distributing questionnaires, conducting interviews, and utilizing company documents that aid in data acquisition. This study employs reference domains derived from the design factors of COBIT 2019, specifically the BAI07 Managed IT Acceptance and Transitioning process and DSS01 Managed Operations. The analysis results indicate that the company's maturity level is at level 3 (defined), with the goal set at level 4. Recommendations are provided based on the people, process, and technology aspects to enhance the maturity level at PT Nusantara Turbin dan Propulsi for improved IT governance management.

Keywords: IT Governance, Maturity level, COBIT 2019, BAI07, DSS01