

**INFORMATION TECHNOLOGY ASSET GOVERNANCE ANALYSIS
OF COBIT 5 WITH DOMAIN BAI09 MANAGE ASSETS
(CASE STUDY: A LIFE INSURANCE COMPANY)**

Abstract

Information security analysis is important to ensure the security of Information Technology (IT) assets in a company. COBIT 5 helps many companies create optimal value from IT assets by maintaining a balance between realizing benefits and optimizing the level of risk and resource use. This study aims to determine the mechanism for planning, implementing, and managing IT assets, the maturity level for the utilization of IT assets, and the concept of implementing appropriate IT asset governance to increase the productivity of an insurance company located in Jakarta. The framework used to measure the maturity level of IT asset governance is Build, Acquire, and Implement (BAI09) domain for COBIT 5. The results show that the maturity level of IT asset governance implementation mechanism in this insurance company for Domain BAI09 is at a Level 3. This indicates that the IT planning, implementation, and governance mechanisms in this insurance company are following the expected concept (ideal conditions). The maturity level of IT asset governance in this insurance company in Domain BAI09 is at Level 3 (Define Process). The maturity level of IT governance in this insurance company is in an ideal condition. The company still needs to improve to the next level by optimizing the performance of IT asset governance by providing additional tools and automation for the IT asset governance process.

Keywords -- BAI09, COBIT 5, Information Technology Asset Management, Manage Assets