

ABSTRACT

ANALYSIS AND DESIGN OF IT GOVERNANCE USING COBIT 5 FRAMEWORK DOMAIN EVALUATE, DIRECT AND MONITOR (EDM) DAN ALIGN, PLAN, AND ORGANIZE (APO) (STUDY CASE : PT. XYZ)

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PT XYZ is a BUMN that focuses on manufacturing including design, development, engineering, production and maintenance. PT XYZ acts as a manufacturer of defense and security equipment and industrial equipment to support national development in particular to support the defense and security of the State. PT XYZ continues to be demanded to improve its competitiveness through improved performance to compete with global era competitors. The role of information technology in supporting the operational and managerial system in PT XYZ is very important. This is due to the continuous development of information technology. Currently PT XYZ continues to make improvements to corporate governance to achieve Good Corporate Governance. As a BUMN PT XYZ is also required to have good corporate governance in accordance with PER-02 / MBU / 2013 regulation which contains that information technology can be utilized optimally, measurably, directed and fulfill the principles of Good Corporate Governance (GCG). Currently PT XYZ has implemented COBIT 4.1 for information technology governance system. To achieve the objectives and targets pursuant to the PER-02 / MBU / 2013 regulation, PT XYZ wishes to update the information technology governance system. In this study the framework used is COBIT 5 which is a renewal of COBIT 4.1. COBIT 5 defines a new process reference model with additional domain governance and some either completely new processes or old process modifications and includes end-to-end organizational activities. COBIT 5 is also updated to align with existing best practices such as ITIL v3 2011 and TOGAF. The research will be conducted on the Evaluate, Direct and Monitor (EDM) and Align, Plan and

Organize (APO) domains with focus on EDM01 Ensure Governance Framework Setting and Maintenance process, EDM05 Ensure Stakeholder Transparency, APO01 Manage the IT Management Framework, APO03 Manage Enterprise Architecture, and APO10 Manage Supplier. It is expected that the results of IT governance can be applied well to PT XYZ in implementing information technology governance practices and achieving the goals and objectives to be achieved.

Keywords : COBIT 5, Information Technology Governance, *Seven Enabler*, EDM, APO