

ABSTRACT

Based on BUMN ministerial regulation PER-02/MBU/2013, every company, including BUMN, should ensure that the principles of Good Corporate Governance (GCG) can run the business and management aspects of the company at all levels of the company. IT Governance is one of the main pillars of good corporate governance, hence the implementation of IT Governance is indispensable IT governance standards with reference to the international IT governance standard that has been widely accepted and proven the implementation. Standards will provide a framework for effective governance, efficient, optimal and can be implemented in a BUMN in the neighborhood. BUMN need IT Governance in IT investment is appropriate based on business needs and can be accounted for.

Perusahaan XYZ a BUMN and main task of Perusahaan XYZ is to conduct the business printing money of the Republic of Indonesia rupiah (both paper money and coins) to Bank Indonesia as well as printing non-paper products that made by order from the customer. Based on the objectives contained in the BUMN ministerial regulation PER-02/MBU/2013 the target maturity level of IT Governance of BUMN in the next 5 years is at least level 3 maturities in accordance with defined maturity level. Therefore, the need for evaluation by assessing IT governance that's not yet implemented in Perusahaan XYZ to determine the condition of the current IT and an understanding of the ability to achieve the business goals the next 5 years, including business processes, IT architecture (infrastructure and applications), organizational and IT project portfolio plan. Assessment is done by referring to one of the governance framework which has a fairly broad scope that is COBIT.

COBIT has Process Assessment Model (PAM) which was developed to make the process of assessment of the IT process in COBIT domain in order to determine the effectiveness and efficiency of the set of process, by evaluating the level of capability (or maturity). Based on the results of mapping strategic plan Perusahaan XYZ into Enterprise Goals COBIT Version 5 obtained 20 priority process to be assessed that is EDM02, EDM03, EDM04, APO01, APO02, APO04, APO08, APO10, APO12, APO13, BAI02, BAI03, BAI06, BAI08, DSS02, DSS05, DSS06, MEA01, MEA02 and MEA03.

The assessment of IT implementation using COBIT Version 5 in Perusahaan XYZ shows capability level of IT process are 2 of IT processes at the level 0 (Incomplete), 16 of IT processes at the level 1 (Performed) and 2 of IT processes are at level 2 (Managed) . Improvement recommendations designed to achieve the expected level of capability that is level 3 based on priority analysis for implementation.

Keywords: Assessment, IT Governance, COBIT