ABSTRACT

Institut Teknologi Telkom (IT Telkom) is Higher Education under the auspices of Telkom Education Foundation (Yayasan Pendidikan Telkom). *At Telkom Institute of Technology Strategic Plan Year 2010-2013, written in point two is "Becoming Independent Colleges with Good Governance (Good University Governance) through implementation of International Standards". In line with this, IT Governance need to be realized. Information Systems Unit (Sisfo) as the developer of information systems has been more focused on developing applications / information systems and infrastructures so that measurement of IT performance conformity with the business strategy is still lacking for attention. Therefore it is necessary to evaluate the implementation of IT in relation with IT governance and management. Assessment of IT implementation can provide the capability level view on current IT Telkom and recommendations to achieve the expected capability level to realize the vision of becoming the World Class University.*

Assessment using the COBIT 5 that focuses on IT governance and management and also has control to any IT process. COBIT Process Assessment Model (PAM) which was developed to asess IT processes at COBIT domain in order to determine the effectiveness and efficiency of a set of processes to evaluate the extent of its capabilities (Capability Level). Assessment using the COBIT 5 consists of 5 stages: early identification, pre-assessment, data collection and analysis, reporting, and the last is making conclusions and suggestions.

Based on the results of mapping Strategic Plan into Enterprise IT Telkom COBIT 5 Goals, obtained 12 priority processes to be assessed which is EDM04, EDM05, APO02, APO04, APO08, APO13, BAI02, BAI05, BAI07, BAI08, DSS01 and DSS02.

Assessment results show EDM04, EDM05, APO02, APO04, APO08, APO13, BAI02, BAI05, BAI07, BAI08, DSS01 and DSS02 at the capability level 1-Performed in which IT processes has been implemented and achieve their goals. Opportunity for Improvement (OFI) is based on the priority scale to achieve the expected target capability, level 2-Managed.

Keywords: Assessment, COBIT 5, IT Governance.