ABSTRACT

Information Technology (IT) now becomes one of the most important parts of the successfullness in company’s information system implementation which will lead to the improvement of company’s performance so that company will achieve its strategic plans. Company needs to assure that the efficiency and effectiveness measurement of their business process improvement are using a right structure related to IT and company’s strategic plans. One of the ways to assure that IT is really integrated and supports the achievement of company’s plans is by applying its architecture development. This research is using Enterprise Architecture Planning Method which provides the blueprint to remodel company’s architecture development.

There are some steps to get an architecture application; those are formulating strategic business plans for the company, mapping company’s strategies using Balance Score Card, and analyzing its capital information which provide portfolio of company’s application. The portfolio then is applicable for PT.(PERSERO) Pelabuhan Indonesia III to synergize the performance with its branch offices, in this case Tanjung Perak Branch Office.

Keywords: Enterprise Architecture, Enterprise Architecture Planning, Strategy Map, Balance Score Card, Information Capital, Application Portfolio, Application Architecture