

## **ABSTRACT**

*Implementation of information technology is used to meet business needs. Therefore, it is important for organizations or companies to develop their own information technology to be complex. Alignment of information technology strategy with business strategy is an important factor for a company or organization. However, not all companies are able to implement and develop information technology according to the needs of the company. One of them is PT. XYZ which is a subsidiary of Telkom Metra (Telkom Group) and, is engaged in the services of a leading digital payment service provider in Indonesia. In supporting company activities, it is necessary to have support from all business functions including support from the process of procuring goods and services, namely the Procurement Management Unit. However, there are still some obstacles to this function, namely: the process of procuring goods and services is still done manually so that the data is not yet integrated. To solve these problems, alignment of information technology strategy is needed. Based on this, this study aims to carry out Enterprise Architecture (EA) planning to achieve compatibility between business and technological needs, optimize the development of applied information technology, and ensure that the solutions developed are in accordance with the needs and objectives of PT. XYZ. In designing Enterprise Architecture (EA), this study uses TOGAF ADM version 9.2 which includes several phases, namely the preliminary stage, architectural vision, business architecture, information system architecture, technology architecture, as well as opportunities and solutions. The use of TOGAF ADM was chosen because it is open source and the results of this design produce a blueprint that provides an overview of suggested solutions to support information technology strategy and business strategy in the Procurement Management Unit of PT. XYZ.*

*Keywords: Enterprise architecture, Framework, TOGAF ADM, Blueprint*