

## **ABSTRACT**

*PT. Shafco Multi Trading is currently improving the quality and effectiveness of the implementation of information systems because of the importance of data management and application in the enterprise. The main problem is the company does not yet have comprehensive data architecture and application architecture so this affects other things like integration of applications and data which are built by the company.*

*Enterprise architecture is required in order to support the competitiveness and business transformation. The methodology used in the design of enterprise architecture is TOGAF ADM. TOGAF ADM stated vision and clear principles about how to develop enterprise architecture that is enterprise principles, principles of information technology, as well as the principles of architecture. This framework also focus on the implementation and process. In designing the architecture, the basic structure of the TOGAF ADM are Preliminary phases, Architecture Vision, Business Architecture, Information System Architecture, Technology Architecture, Opportunities and Solution, Migration Planning, Implementation Governance and Architecture Change Management.*

*Analysis and design of the data architecture and application architecture create the target on each architecture is based on gap analysis and roadmap component that can be a guideline of enterprise architecture implementation at PT. Shafco Multi Trading.*

*Keywords : Enterprise Architecture, TOGAF ADM, Data Architecture, Application Architecture.*