

ABSTRACT

PT. Sarana Tunggal Mulia is engaged in air conditioning contractors and distributors in the area of Bandung, West Java. At PT. Sarana Tunggal Mulia has two important activities in running the company, namely retail and non-retail. In achieving the vision of PT. Sarana Tunggal Mulia requires information technology that can support the business of PT. Sarana Tunggal Mulia specifically in the Warehouse and Procurement function.

In advancing the company, PT. Sarana Tunggal Mulia must be able to harmonize business strategies with information technology, especially in the Warehouse and Procurement function. Enterprise Architecture is a method that can be used to harmonize business strategies with information technology. In designing EA, an architectural framework is needed to develop the scope of the discussion broadly in terms of business, application, and technology. The framework used is ADM TOGAF which consists of 9 phases, but the phases carried out to design Enterprise Architecture in this study are only 7 phases, namely the preliminary phase until migration planning.

This research will produce output in the form of a blueprint of Enterprise Architecture design in the Warehouse and Procurement function. Enterprise Architecture which is expected to facilitate the achievement of strategic objectives that are in accordance with the Warehouse and Procurement Function at PT. Sarana Tunggal Mulia Bandung in terms of improving business functions, information systems, and information technology used.

Keyword : *Enterprise Architecture, TOGAF ADM, Warehouse, Procurement*