

ABSTRACT

ANALYSIS AND DESIGN OF ARCHITECTURE ENTERPRISE IN PRODUCTION AND LOGISTIC FUNCTIONS PT UNILON TEXTILE INDUSTRIES USING TOGAF ADM

By

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PT Unilon Textile Industries is a yarn manufacturing company established under the Foreign Investment Act in 1967. The number of weaving machines currently has 150 pieces used to meet the demand for yarn making. The products are marketed to all parts of Indonesia and exported to developed countries such as England, Japan, Hongkong, Ireland, Singapore.

Along with the growing business processes, the company needs to align the needs of Information System (SI) and Information Technology (IT) with the design of the appropriate enterprise architecture to the production and logistics functions of PT Unilon Textile Industries. The design is done with the help of TOGAF ADM (Architecture Development Method) framework. Stages performed in this research starting from Preliminary phase, Architecture Vision, Business Architecture, , Information System Architecture, Technology Architecture, Opportunities and Solution and Migration Planning.

The results of the design in the form of blueprint as reference of implementation in drawing decision of application of information system used in accordance with company business requirement and IT Roadmap as a guide in the development of technology.

Keywords: Enterprise Architecture, TOGAF ADM, Information Systems, Information Technology, Manufacturing.