

ABSTRACT

In the industrial era 4.0, technology is needed by a company. Technology is needed in a company that is used to align a company's goals and strategic plans. Based on this, it is necessary to implement an enterprise architecture (EA) in the company. Because the enterprise architecture has a function to align strategic plans and company objectives. Many companies have implemented enterprise architecture, but some companies still know and feel the benefits of implementing enterprise architecture. In this case, it can cause the implementation of the enterprise architecture to be not optimal. Based on this, an analysis of the implementation of the enterprise architecture is needed. To analyze the benefits of implementation, you can use the Architecture Content Framework which is one part of the TOGAF framework. In the process of analyzing the benefits of using a content framework architecture, it will identify in terms of organizational structure, technology, systems and industries that exist in the company. The framework architecture has 3 components that will be carried out, namely: Architecture Principle, Architecture Vision, Architecture Requirements, Business Architecture, Application Architecture, Technology Architecture, Architecture Realization. Analysis of the benefits of implementing enterprise architecture is carried out by analyzing the results of the 3 components which are mapped based on the goals and strategic plans of the company. From the analysis carried out, it will prove the benefits of implementing enterprise architecture in aligning and realizing the goals and strategic plans of the company

Keywords : Benefit, Architecture Principle, Architecture Vision, Architecture Requirements, Business Architecture, Application Architecture, Technology Architecture, Architecture Realization