

ABSTRACT

BPJS Ketenagakerjaan is a public legal entity whose duty is to protect all workers through four employment social security programs, namely: Jaminan Kecelakaan Kerja, Jaminan Kematian, Jaminan Hari Tua, dan Jaminan Pensiun. As a state institution engaged in the field of social insurance, BPJS Ketenagakerjaan has a vision that is "To become the nation's proud social security organizing body, which is trustworthy, well-managed and superior in operations and services". To improve its service as a supporter of services to the company, an information system-based architecture is needed in carrying out its business activities. In answering these problems it is necessary to design an enterprise architecture to align information systems in a structured manner.

The design of enterprise architecture in BPJS Ketenagakerjaan uses the TOGAF ADM framework, to meet the needs of enterprise architecture development. This study uses the TOGAF ADM framework which has 9 phases of 6 phases which are used in the research, namely the Preliminary phase explains the preparation stage in making architecture, Architecture Vision explains the scope used in making architecture, Business Architecture describes the development of business architecture, Information System Architecture development of data and application architecture, Technology Architecture explains the development of technology, Opportunities and Solutions by comparing existing conditions and target conditions. The output of this study is an architectural blueprint.

Research compilation is based on the application of enterprise architecture to the Company. Research focuses on the claim service function that requires the design and implementation of enterprise architecture to support business processes or business activities that are running in the company. The research preparation will produce artifacts in TOGAF ADM and produce a roadmap in the development of information technology.

Key Words: Enterprise architecture, TOGAF ADM, BPJS Ketenagakerjaan, Claim Service