

## **ABSTRACT**

# **ANALYSIS OF ENTERPRISE ARCHITECTURE AND DESIGN IN FUNCTION OF FINANCE PT ADIGAS JAYA PRATAMA USING TOGAF ADM**

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PT Adigas Jaya Pratama is a subsidiary of PT Jaya Trade, which has a business focus on the field of official sales agents for Pertamina's non-PSO LPG cylinders or Pertamina's non-subsidized LPG gas. PT Adigas Jaya Pratama experienced various obstacles, for example in financial matters. Due to the large number of industrial customers who make purchases using the credit method, administrative processes that are not yet neatly structured and many other problems make it difficult for PT Adigas Jaya Pratama to develop its company into a superior and resilient company in the field of gas and equipment trading needed in industry and development in Indonesia and able to face global competition.

The application of enterprise architecture at PT Adigas Jaya Pratama is expected to overcome the company's problems, especially in the financial sector. In this study, the framework used is TOGAF ADM. TOGAF ADM is used because it has the advantage that the implementation of EA is considered as an ongoing process with evidence that the TOGAF ADM is represented as a non-stop cycle (in the form of a circle) because when there are additional needs the previous stage can be reworked. The design of PT Adigas Jaya Pratama's enterprise architecture is carried out starting from the preliminary phase, to migration planning which will then be translated into IT Roadmap.

Enterprise architecture design is carried out on financial functions. With the addition of payment methods for customers using the digital wallet application in 2019, then later in 2020 there will be a change in the flow of business processes in the process of filing a travel document, and the addition of a locking customer problematic features on the accounts receivable application to avoid the collection of missed receivables. The Technology Architecture section was also carried out in 2020 with the addition of infrastructure in the form of a database server and the addition of a firewall and maintenance scheduling.

**Keywords: Enterprise Architecture, TOGAF ADM, *IT Roadmap*, Finance**