

## **ABSTRACT**

*Telkom Regional 7 is a company responsible for providing telecommunications and information technology services in Eastern Indonesia. The rapid development of technology and information systems plays an important role in significantly influencing the performance and productivity processes at Telkom Regional 7, especially in the PED (Planning, Engineering, and Deployment) unit. The PED unit plays a role in providing services in the form of network infrastructure development, but the implementation still has obstacles and problems. The main problem faced by the PED unit is that business processes have been aligned with information technology but have not been optimized, so it complicates and seems like there are a lot of repetitive work updates. This condition makes it difficult to integrate between systems and results in limited data exchange between units. Therefore, there is a need for enterprise architecture design by adopting TOGAF ADM as the main framework to optimize the alignment of business functions with information technology that can meet the company's business needs. TOGAF ADM provides a complex strategic solution for design using seven phases, starting with the preliminary phase: architecture vision, business architecture, information system architecture, technology architecture, opportunities and solutions, and migration planning. The results of the application of enterprise architecture in the existing conditions are expected to be in accordance with the business needs of the PED unit.*

**Keywords:** *Enterprise Architecture, TOGAF ADM 9.2, PED unit, Telkom Regional 7.*