

ABSTRACT

This research discusses the implementation of Enterprise Architecture in the business world with the aim of designing and restructuring organizations. Enterprise Architecture plays a crucial role in providing support for standardization and consolidation of procedures, enabling organizations to achieve better consistency. The main objective of this research is to explain the importance of Enterprise Architecture in the context of an organization, ensuring operational efficiency, and achieving long-term business goals. The research also analyzes Enterprise Architecture at Bandung Techno Park, including a review of the structure, processes, and components that form the organizational architecture. Furthermore, this study conducts the modeling of Enterprise Architecture at Bandung Techno Park Telkom University using the Framework IdEA (Integrated Multi-dimensional Enterprise Architecture). Framework IdEA, developed by PT IlmuKomputerCom Braindevs Sistema, is an adoption of TOGAF modified for the organizational environment in Indonesia. The results of this research consist of Application Architecture, Application Principles, Application Portfolio Catalog, Application Use Case Diagram, Application Communication Diagram, Application User and Location Diagram, Application Business Process, Application Data Matrix, Architecture Implementation Planning, and Solution Concept Diagram as a living document.

Keyword: *Enterprise Architecture, TOGAF, Framework IdEA, Design, Analysis*