ABSTRACT

PT Industri Telekomunikasi Indonesia (INTI) *is a company engaged in telecommunications that have main business fields, namely manufacturing and assembly, managed services, digital services, and system integrators. In supporting the company's activities, it is necessary to have support from all business units, one of which is the support of the information technology function. The information technology function has responsibility for information technology services and the infrastructure used at* PT INTI. *However, in its implementation, the information technology function has several obstacles in carrying out its main tasks and requires an information technology strategy that is in line with its business activities. This can be indicated by the existence of data exchanges that have not used the system optimally, lack of experts, business process flows that are still less effective, and one of the business processes is still integrated by existing applications. Based on this, it is necessary to design a company architecture that is able to align information technology strategies and business strategies so that the resulting solutions are appropriate and in accordance with needs. In the enterprise architecture design using* TOGAF ADM *which includes the preliminary stage, vision architecture, business architecture, information systems architecture, technology architecture, opportunities and solutions, and migration planning. From the results of the design, it produces an IT roadmap design as a reference in technology development and a blueprint design as an overview of the results of the bidding project in support of information technology strategy and business strategy in the information technology function of* PT INTI.

Keywords— *Enterprise architecture, Information Technology Function*, TOGAF ADM, and *IT Roadmap*