

ABSTRACT

At this time of information technology has been used widely, from the institution to the company. Information technology can assist in running the existing business processes. PT. Telehouse Engineering is one of the companies that have applied information technology. PT. Telehouse Engineering has been established since 9 June 2003, is engaged in the fields of mechanical, electrical, and infrastructure. Although PT. Telehouse Engineering has implemented information technology, but there is no integration of applications and technology as well as resource utilization in the field of information technology is less than the maximum.

Design of enterprise architecture at PT. Telehouse Engineering using the framework TOGAF ADM. The use of framework TOGAF ADM because the framework has a complete process, structured, and flexible to change. Stages in TOGAF ADM, among others: preliminary, architecture vision, business architecture, information systems architecture, technology architecture, opportunities and solutions, governance implementation, and change management architecture. By using the tool Mega and Visio that will produce artifacts in the form of catalogs, matrices, and diagrams. These artifacts that become the basis for analyzing the baseline conditions at the company and designing the target architecture. Based on the target and roadmap prepared and analyzed in this study resulted in a blueprint technology architecture.

Blueprint architecture of these technologies are becoming the solution of problems in PT. Telehouse Engineering dam can also be used as the basis for the development of architectural technology at the company in the future.

Keywords: enterprise architecture, TOGAF ADM, blueprints, architecture technology

