

ABSTRACT

Dinas Komunikasi dan Informatika (Diskominfo) is a government agency that work and take responsibility on information processing that was made based on Regent regulation Padang Pariaman number 59 year 2016 about position, organization structure, duty and function, and working procedure on Dinas Komunikasi dan Informatika Kabupaten Padang Pariaman. With main task on Encryption part that is coding and telecommunication implementation. To simplify task and activities from Diskominfo Padang Pariaman easier if supported using information technology. In aligning strategy from business aspect or information technology and business aspect so the solution resulting from is right and corresponding by needed. Enterprise Architecture is method that can be used to aligning this. In the design process need framework for complex data processing be able to aligning with business information technology. One framework that can be used is The Open Group Architecture Framework (TOGAF). This research will also discuss architecture condition of Diskominfo Padang Pariaman today and so does targets that have made IT Roadmap that could be made as guidance to Diskominfo Padang Pariaman on constructing encryption function.

Key Words : *Diskominfo Padang Pariaman, Enterprise Architecture, encryption, TOGAF, IT Roadmap.*