

## **ABSTRACT**

# **ARCHITECTURE ENTERPRISE DESIGN OF GOVERNMENT SYSTEM BASED ON ELECTRONICS USING TOGAF ADM 9.2 (CASE STUDY: PUBLIC COMMUNICATION FUNCTION AND COMMUNICATION FUNCTIONS AND STATISTICS FUNCTIONS)**

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The Office of Communication, Information and Statistics or DISKOMINFOTIK is one of the Bandung Barat Regency Government Service offices that diverts to carry out government affairs in the fields of communication, informatics and statistics based on the principle of autonomy and assistance. This office consists of three fields, namely the Information and Public Communication Sector, the Application of Government Informatics, and the Secretariat.

Based on field surveys and interviews with informants related to the level of efficiency and effectiveness of business processes in the Information and Public Communication Function, and Diskominfo Statistics are still not optimal. Not only on this side, the alignment of information technology (IT) with business processes in this function has still not succeeded.

With efforts to implement an Electronic-Based Government System (SPBE) program in Diskominfo specifically in the Information and Public Communication Function, and Statistics. By choosing the author chose to use the Enterprise Architecture (EA) method with the TOGAF ADM work agreement as an answer to those needs. TOGAF ADM will focus on the development of SPBE in the soft domain approved by business, data, applications, and technology through 7 (seven) development phases from the initial phase to planning the migration. The main technology that is carried out to optimize this SPBE is Government Service Bus (GSB).

The results of the EA design consist of TOGAF ADM artifact artifacts and IT development recommendations in the form of an IT roadmap. From the results of the analysis and design that has been made is expected to be a guideline in the development of information technology in the Office of Communication, Information and Statistics of Bandung Barat Regency specifically in the Information and Public Communication Function, and Statistics.

**Keyword:** SPBE, TOGAF ADM, Enterprise Architecture, Public Information and Communication Functions, and Statistics, Office of Communication, Information and Statistics, IT Road Map, GSB