

ABSTRACT

***DESIGN OF ELECTRONIC BASED BUSINESS SYSTEM
ARCHITECTURE USING TOGAF ADM 9.2 FRAMEWORK ON
DATA AND DATA MANAGEMENT AND APPLICATION
DEVELOPMENT
(STUDY CASE: DEPARTMENT OF COMMUNICATION,
INFORMATICS, AND STATISTICS OF BANDUNG BARAT
DISTRICT)***

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The Office of Communication, Information and Statistics is one of the regional apparatus that has the main task of implementing regional government affairs in the field of Information and public communication, and the application of government informatics. In managing each function, integration between IT and available business services is needed. Even though it has implemented an Electronic-Based Government System (SPBE), there are still problems that occur, including the lack of data integration between functions in the Office of Communication, Information and Statistics, especially integration with the functions of Coding and Data Management and Development which are the focus of this research.

In realizing this, the enterprise architecture is designed using the TOGAF ADM method which consists of 7 phases. The phase starts from the preliminary phase to the phase of Migration Planning. The output generated from this research is in the form of blueprint of architectural design and IT Roadmap which can be used as a Government reference for the Office of Communication, Information and Statistics, especially in coding and data management functions and application development in developing information technology and IT utilization as well as possible.

Keywords: ADM TOGAF, SPBE, Enterprise architecture, Blueprint, IT Roadmap, preliminary phase, migration planning, coding and data management.