

ABSTRACT

DEVELOPMENT OF SPBE ARCHITECTURE IN THE CIMAHY CITY GOVERNMENT FOR THE FUNCTION OF INFORMATICS APPLICATION AND INFORMATION SECURITY USING TOGAF ADM AND THE NATIONAL SPBE ARCHITECTURE FRAMEWORK

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The rapid and unavoidable development of information technology (IT) has prompted the Government of the Republic of Indonesia to implement the Electronic-Based Government System (SPBE) or E-Government to support the rapid growth of IT in the governance sector. SPBE is a government strategy that leverages information and communication technology (ICT) to provide services to government agencies, civil servants, businesses, the public, and other stakeholders. The Communication and Information Office of Cimahi City is a regional apparatus within the Cimahi City Government, responsible for government affairs in the fields of communication and informatics, encryption, and statistics. Although SPBE has been implemented, the Cimahi City Communication and Information Office still faces various challenges, particularly in the suboptimal function of informatics applications and the less-than-optimal function of information security in providing information security services. Therefore, this research focuses on the development of enterprise architecture using the TOGAF ADM framework based on Presidential Regulation No.132 of 2022 concerning the National SPBE Architecture in Cimahi City Government in the functions of informatics applications and Function information security. This aims to produce a targeted SPBE architecture design that can enhance the effectiveness, efficiency, and transparency in public services and government administration, and ensure better integration between regional devices in Cimahi City.

Keywords: *Electronic-Based Government System, Communication and Informatics Office of Cimahi City, TOGAF ADM, Function of Informatics Application and Function of Information Security, Presidential Regulation No.132 of 2022.*