

**PERANCANGAN ARSITEKTUR ENTERPRISE PEMERINTAHAN DESA
MENGUNAKAN FRAMEWORK TOGAF ADM 9.2
(Studi Kasus Desa Sungai Rengas Kecamatan Sungai Kakap Kabupaten Kubu
Raya)**

ABSTRAK

Sebagai salah satu lembaga yang sering berhadapan langsung dengan kepentingan masyarakat pemerintah desa memerlukan adanya tatakelola teknologi informasi yang baik untuk mendukung kerja pemerintahan desa. Pemerintah desa yang memiliki misi peningkatan tata kelola pemerintahan desa dibidang tekonologi informasi adalah Desa Sungai Rengas, Kabupaten Kubu Raya, sehingga dilakukan penelitian perancangan arsitektur enterprise di Pemerintahan Desa Sungai Rengas. Tujuan penelitian ini adalah membuat perancangan arsitektur *enterprise* yang sesuai bagi sistem pemerintahan desa dan dapat menjadi langkah awal terbentuknya sistem pemerintahan desa berbasis elektronik. Penelitian ini menggunakan framework *TOGAF ADM 9.2* yang menyediakan metode perancangan arsitektur *enterprise* secara detail. Perancangan dilakukan mulai dari tahap *preliminary* hingga tahap *migration planning*, setiap tahap akan dilakukan perancangan arsitektur *enterprise baseline* dan target kemudian akan dilakulan analisis gap. Hasil penelitian ini adalah perancangan arsitektur enterprise mulai dari *business architecture*, *data architecture*, *application architecture*, dan *technology architecture*. Pengujian dilakukan terhadap hasil perancangan arsitektur *enterprise* menggunakan *enterprise architecture scorecard*. Hasil pengujian menyatakan arsitektur *enterprise* yang dirancang pada pemerintahan Desa Sungai Rengas adalah valid atau perancangan sudah sesuai dengan kondisi *baseline* dan target pemerintah Desa Sungai Rengas karena hasil presentase pengujian telah melebihi 50% yaitu 82,95%.

Kata Kunci: *enterprise architecture*, TOGAF ADM, *enterprise architecture scorecard*, pemerintahan desa, *e-government*.

**VILLAGE GOVERNMENT ENTERPRISE ARCHITECTURE DESIGN USING
TOGAF ADM 9.2 FRAMEWORK**
*(Case Study of Sungai Rengas Village, Sungai Kakap Sub-District, Kubu Raya
Regency)*

ABSTRACT

As one of the institutions that often deal directly with the interests of the community, the village government requires good information technology management to support the work of village government. The village government whose mission is to improve village governance in the field of information technology is Sungai Rengas Village, Sungai Kakap Sub-District, Kubu Raya Regency, so research on enterprise architecture design was carried out in the Sungai Rengas Village Government. The goal of this study is to design an enterprise architecture that is suitable for village government systems and can be the first step in forming an electronic-based village government system. This study uses the TOGAF ADM 9.2 framework which provides a detailed method for designing enterprise architecture. The design is carried out starting from the preliminary phase to the migration planning phase, each stage will be designed with the enterprise baseline and target architecture and then gap analysis will be carried out. The results of this study are the design of enterprise architecture starting from business architecture, data architecture, application architecture, and technology architecture. Tests were carried out on the results of the enterprise architecture design using the enterprise architecture scorecard. The test results stated that the enterprise architecture designed for the government of Sungai Rengas Village was valid or the design was in conformance with the baseline conditions and targets for the government of Sungai Rengas Village because the results of the percentage of testing had surpassed 50%, that is 82.95%.

Keyword: *e-government; enterprise architecture; enterprise architecture scorecard; TOGAF ADM; village government.*