

ABSTRACT

Almost every aspect of life requires information technology, starting from primary, secondary, and tertiary needs. Digital technology and innovation support quality of life, improved living standards, better public services for people, better use of resources, and new opportunities in rural value chains in terms of better products and processes. A Smart village is the concept of building an independent village by providing services. Implementing smart villages is the right solution to build a solid and sustainable smart city and improve the quality of public resources and services. The IGEA (Indonesian Government Enterprise Architecture) framework was developed to build enterprise architecture at the Indonesian government level and support the development of IT services to be better, more efficient, and more effective. The phases used in architectural design by IGEA are pre-phase, vision architecture, business architecture, data architecture, application architecture, and technology architecture. This study analyzes the blueprint of corporate architecture by applying the intelligent village concept to address public service problems, improve the quality of resources that serve as public service facilities, and strengthen responsible leadership—intended to be designed and built. The scope of this research also includes pioneering building technology. The results have refined architectural principles, objectives, vision and mission, policies and regulations, conceptual solution diagrams, twelve business processes, and twelve public service catalogs, with seven data entities, one application, and seven standard technology components.

Keywords- IGEA, corporate architecture, public services, smart village