

ABSTRACT

ENTERPRISE ARCHITECTURE AS A STRATEGY IN OPTIMIZING PROCESSES AND TECHNOLOGIES IN THE CERTIFICATION FUNCTION OF PT MANDIRI MUTU SERTIFIKASI USING TOGAF ADM

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PT Mandiri Mutu Sertifikasi (MMS) is a company that offers third-party audits to provide natural resources and environmental certification services. In running its company, PT MMS has the main services in the certification function, namely Audit Certification and Issuance of V-Legal Documents. Along with the advancement of information and communication technology, PT MMS has several obstacles and needs the right information technology strategy to solve the problem. The ineffective exchange of data is one of the obstacles that occur in the certification function that causes customer complaints about the speed of service. In this study will discuss the design of Enterprise Architecture as a strategy in optimizing processes and technologies using TOGAF ADM. The design starts from preliminary phase, architecture vision, business architecture, data architecture, application architecture, technology architecture, opportunities and solution, and migration planning. In the design, the author provides several solutions such as data integration and applications in business processes to meet the needs of certification functions. With the blueprint and IT Roadmap as the final result of this research, it is expected to help PT MMS solve its problems.

Keywords—*Enterprise Architecture, TOGAF ADM, Certification Functions*