

ABSTRACT

ANALYSIS AND DESIGN ENTERPRISE ARCHITECTURE MAINTENANCE OF SUBSTATIONS IN PLN TRANSMISSION OF CENTRAL JAVA USING TOGAF ADM

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PT. PLN (Persero) Trans JBT, is a company engaged in transmission and substations. High Javanese west and central Java. PT. PLN (Persero) Trans JBT consists of branches spread in several areas, namely Bandung, Semarang, Karawang, Salatiga, Bogor, Cirebon, Purwokerto. PT. PLN (Persero) Trans JBT, is one of the units in PT. PLN (Persero) conducting development and transmission, as well as maintaining an efficient, efficient, and environmentally friendly environment. To be able to use various functions efficiently, you can use the required business, so it is necessary to design the appropriate corporate architecture on the substation maintenance business function.

There is a framework that can be used in the design of enterprise architecture, the TOGAF ADM. To design the architecture of enterpria conducted in this study will discuss the initial phase until the phase of Migration Planning.

The result of this EA design is artifact of TOGAF ADM artifact and IT development in the form of IT Roadmap. From the results and designs that have been made can be used in developing information technology on PLN Trans JBT specifically on the substation maintenance function.

Keywords: *Enterprise Architecture, TOGAF ADM, MAINTENANCE OF SUBSTATION, PT. PLN (Persero) Transmission Central Java Bandung.*