

Designing an Enterprise Architecture for Mining Company by Using Togaf Framework

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Abstract : The Role of ICT in the organization will continue to experience growth in line with business growth. However, in reality, there is a gap between ICT initiatives with the development (needs) of company business that is caused by yet inadequate of ICT strategic alignment. Therefore, this study was conducted with the aim to create an enterprise architectural model rule, particularly in mining companies, using the TOGAF framework. The results from the design development phase of the mining enterprise architecture meta model represents the domain of business, applications, data, and technology. The results of the design as a whole were analyzed from four perspectives, namely the perspective of contextual, conceptual, logical and physical. In the end, the quality assessment of the mining enterprise architecture is conducted to assess the suitability of the design standards and architectural principles.

Keywords : design and development the information technology architecture, enterprise architecture, enterprise architecture design result, TOGAF architecture development method (ADM)

Conference Title : ICECECE 2016 : International Conference on Electrical, Computer, Electronics and Communication Engineering

Conference Location : Istanbul, Türkiye

Conference Dates : April 19-20, 2016