

INFORMATION SECURITY EVALUATION USING OUR INDEX 4.2 (CASE STUDY: BALIKPAPAN CITY RELIGIOUS COURT)

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ABSTRACT

The Religious Court of Balikpapan City is one of the courts under the Supreme Court which carries out judicial (judicial) functions within the jurisdiction of East Kalimantan Province which acts as a judicial institution which carries out its functions, has the main duties of receiving, examining, adjudicating and resolving cases submitted. . The development of E-Government which is a national policy and strategy according to Presidential Instruction No. 3 of 2003 to carry out tasks and provide services to the community, therefore the Religious Courts of the City of Balikpapan have an obligation to provide the best service to the community. So to support good service operations the Religious Courts need information security controls. Based on interviews that were conducted with the Head of the PTIP Subdivision (Information Technology Planning and Reporting) Mr. Yuri Adi Dharma, S.Kom. explained that at the Religious Court of the city of Balikpapan regarding information security governance, a thorough evaluation had not been carried out regarding the duties and responsibilities of information security managers. Therefore, an information security assessment is needed using the KAMI Index 4.2. as well as by applying the ISO/IEC 27001:2013 standard as a reference for evaluating the level of maturity and level of completeness. The stages carried out in this study were the assessment of the Electronic System Category (SE), the assessment of the information security area and the supplement category, the analysis and discussion of the results of the assessment, and the making of recommendations and suggestions for improvement. The results of the evaluation that has been carried out get the final result of 218 points and the results of the assessment from the Electronic System Category get 22 points belonging to the "High" category. As for suggestions and recommendations given to the evaluation of the KAMI Index 4.2 as a whole there were 44, suggestions and recommendations for improvements given refer to ISO/IEC 27001: 2013 standards or controls.

Keywords: Evaluation, Information System Security, Kami Index 4.2, ISO/IEC 27001:2013, Balikpapan City Religious Court.