ABSTRACT

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The maturity level analysis company information social security insurance use KAMI index version 3.1

Social Insurance Company is a government company that protects workers to overcome socio-economic risks due to workplace accidents, workforce deaths, dropping out of work, and reaching old age, which is implemented using a social insurance mechanism. The obligation of companies to register workers in the Social Insurance program makes the number of membership data Social Insurance Companies increase every year, but the more data and information stored, managed and shared, the greater the risk of data and information being stolen by irresponsible parties. The purpose of this study is to analyze the level of completeness and maturity to improve the quality of information security in Social Insurance Companies. This research is a type of quantitative analysis research using primary data and secondary data. Data collection was carried out by conducting library studies, focus group discussions, questionnaires, and observations. This analysis was carried out using the Information Security Index (KAMI Index) tools, the information security evaluation tool released by the Ministry of Communication and Information for government agencies. The results of the analysis of the level of information security of Social Insurance Companies are at the level of "SUFFICIENT", that is, the Social Insurance Company has fulfilled at least Managed and Measured implementation of ISO 27001: 2013 with a maturity level II to IV+. To achieve evaluation result at a good level it is necessary to increase the level of maturity in the area of Risk Management, Information Security Framework, Technology, and Information Security.

Keywords: Social Insurance, Security Information, ISO27001: 2013, KAMI Index