

## **ABSTRACT**

### ***ANALYSIS OF THE IMPLEMENTATION READINESS LEVEL OF THE SIMONIK ITTP APPLICATION USING THE TECHNOLOGY READINESS INDEX (TRI) METHOD***

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*Implementing a system requires careful preparation to avoid system failure. Many applications and service support systems are created and often become obsolete. The willingness and ability of users to operate the system is very important and is the main factor in the success or failure of the system. Lack of training is also a barrier to implementing new systems. The aim of this research is to determine and analyze the level of readiness in the implementation plan for the SIMONIK ITTP application as well as the supporting steps taken after implementation. The Technology Readiness Index (TRI) method is used in this research to measure the level of readiness. The advantage of the TRI method is that it groups managers clearly based on their positive and negative attitudes. This method includes 4 variables, including optimism, innovativeness, discomfort and insecurity. The results of the validity and reliability test show that the instrument used meets the validity and reliability requirements. Of the 36 statement items in the questionnaire, 31 items were declared valid, while 5 items were invalid. Invalid indicators will not be counted in the TRI calculation. The reliability test on the variables optimism, innovativeness, discomfort and insecurity shows high reliability. The TRI test results show that the total score for each variable value or TRI calculation result is 3.08 (sufficient). This assessment shows that the level of user readiness in implementing the SIMONIK ITTP application is quite ready. This value refers to a low or low TRI level (medium 2.90 – 3.51) in the TRI readiness category. The next step that management must take is to regularly communicate and provide training to users so that they understand the function and use of the SIMONIK ITTP application correctly.*

*Keywords: readiness, website, SIMONIK ITTP, implementation, Technology Readiness Index*