ABSTRACT

The New BIMMA application is an application from the Bandung City Manpower Office which is useful for making it easier for the public to access services from the Bandung City Manpower Office. The services contained in the New BIMMA application include the manufacture of AK-1, job search, and job training. At the time the research on the New BIMMA application was conducted, the researcher did not find any information security risk audit results on the application. This is the reason this research was conducted to reduce information security that occurs in the New BIMMA application. The research was conducted with the aim of assisting the Manpower Office of the City of Bandung in conducting an analysis of information security risk management on the New BIMMA application. In this study, the guidelines used are ISO/IEC 27005:2018, then the results of this study are in the form of control recommendations using ISO 27002 to handle risks that occur in the New BIMMA application. The results of this study found 20 risks that occurred in the New BIMMA Application, these risks consisted of 16 low risks and 4 moderate risks. There are 4 Control Recommendations that can be done to handle the risks that occur in the New BIMMA application.

Keywords: New BIMMA Application, ISO/IEC 27005:2018, Information Security Risk Management