

ABSTRACT

At this time, the development of information technology is growing rapidly. The use of information technology is a very important asset for a company. Information technology is currently used as a tool for a company in solving various problems. One example is the use of the SAP application at PT Medion Farma Jaya. This SAP application aims to make all management, monitoring and information processing activities much more effective and efficient than before. The use of the SAP application really helps companies in supporting, monitoring and managing all the company's daily activities. However, in practice there are still many risks that arise and are not optimal in the use of this SAP application. To reduce this risk, it is necessary to have risk management to identify and analysis possible risks. This study uses ISO 31000 as a guideline, and is used as a framework that guides organizations in understanding the overall structure and workings of an organization's risk management. Starting with the stages of risk identification, risk analysis, and risk evaluation. The results of this research are that from the results of the risk identification carried out there are 21 risks that may occur at PT Medion Farma Jaya which are divided into 2 categories, namely internal and external categories. The results of risk analysis and risk evaluation carried out using ISO 31000 are mapped into 3 risk values, namely high, medium and low. There are 5 risks with a low level, 12 risks with a medium level and 4 risks with a high level. Then, risk handling is carried out using the NIST 800-53 standard to determine the appropriate control.

Keywords: PT Medion Farma Jaya, SAP application, ISO 31000, risk management