

ABSTRAK

Based on Government Regulation Number 52:2002, the dissolution of PT. BPIS and PT INTI under BUMN. The biggest business in this time was the construction of cellular networks. In 2012 PT. INTI has solidified their steps to enter the business of engineering solutions, system integration and the development of original products. Several original superior products of PT INTI include: Smart PBX, Development for other INTI original products is still ongoing, such as Converter Kit for BBM to Gas, Smart meter for Gas and Water, USSD-based EDC with Telkomsel, Electronic ID card reader. Currently PT. INTI didn't have an asset assessment for the risks that will occur if there is a such as natural disasters and cybercrime. There is a several solutions to offered treatment recommendations for each asset in the IT division of PT. INTI. Based on these problems, the researchers made a standard Risk Assessment. Making of a risk assessment was carried out using the reference of ISO 27005:2018. Risk assessment is the initial stage in the preparation of the DRP Procedure (Disaster Recovery Plan). The process of risk assessment is identifying assets, identifying possible threats, determining likelihood, impact. The risk assessment used is the level of risk related to likelihood and impact. The final result of this research is treatment recommendations from all levels of risk. This research process can be used to minimize risk. The results of this studycase can also be used as reference material that can be used to increase the effectiveness of risk management.

Keywords: Risk Management, Information Security, ISO 27005:2018