

ABSTRACT

INFORMATION SECURITY RISK ANALYSIS WITH OCTAVE ALLEGRO METHOD AT TIRTA INVESTAMA

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The application of Information and Communication Technology (ICT) governance, the only Information Security Management System (ISMS), has become a necessity and supports every public service provider institution. Consider the role of ICT that is increasingly important in an effort to improve service quality as one of good governance. PT. Tirta Investama as one of the private companies in Indonesia has the support of improving service quality by contributing assets used to support business processes. The standard used in this study is ISO / IEC 27001: 2013. This research was conducted by analyzing asset risk profiles using the OCTAVE Allegro method. The assessment process is a follow-up of the discussion in the form of controls at ISO / IEC 27001: 2013. The results of the research analysis will be obtained 8 areas of attention that will be given control recommendations based on ISO / IEC 27001: 2013.

Keywords: Analysis, Risk, Risk Management, Information Security, OCTAVE Allegro, ISO 27001, PT. Tirta Investama