

**ABSTRACT**

**RISK MANAGEMENT ANALYSIS BASED ON ISO 31000:2018  
IN DIRECTORATE OF CENTER FOR INFORMATION  
TECHNOLOGY UNIVERSITY OF TELKOM  
(CASE STUDY: INFORMATION TECHNOLOGY  
INFRASTRUCTURE UNITS)**

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Telkom University is one of the Private colleges located in West Java Province. In supporting academic business processes, Telkom University has an Information Technology service called the Directorate of Information Technology Center (PuTI). Information Technology Infrastructure (IsTI) is one of the units in the Central Directorate of Information Technology (PuTI) which plays an important role in business processes at Telkom University, it is necessary to carry out an analysis to take risks that will occur to be minimized. The risk analysis method uses the ISO 31000:2018 framework with the desire to take risks from the COBIT 5 Generic Risk Scenario, there are a number of risks with the highest risk being high-level status, and five risks being medium-level status. With a total of six risks, mitigation actions will be carried out using control recommendations referring to NIST 800-53, DoD 8500.2, and Cobit 5 for Risk.

**Keywords: ISO 31000, Risk Management, Directorate of Information Technology Center Telkom University, Telkom University**