

ABSTRACT

PT Bio Farma (Persero) is a company under the auspices of a BUMN (State Owned Enterprise). This company is a life science company that provides and develops life science products such as vaccines and antisera. In this study, researchers focused on Information Technology risk management at PT Bio Farma (Persero). This company has a set of information technology that is used to process business activities. Therefore, to minimize and avoid losses that have a large impact and can occur to the company, it is necessary to manage information technology risks that can provide protection for existing information technology assets. This risk analysis uses the ISO 31000 framework which provides assistance, analysis and risk evaluation, as well as the use of ISO/IEC 27002:2022 as a control recommendation. From the results of the study, it can be concluded that there are 5 potential risk events that fall into the high risk level and there are 6 potential risk events that fall into the moderate risk level so that action is needed for prevention (Prevention) and/or countermeasures (Mitigation). Then, there are 3 potential risk events that fall into the low risk level and there is 1 potential risk event that falls into the very low risk level so that the risk event can be accepted (Acceptance).

Keywords: *Risk Management, ISO 31000, ISO/IEC 27002:2022, Information Technology Assets, Mitigation.*