

ABSTRACT

PT.XYZ is a State-Owned Enterprise (BUMN) that runs in electronics field for industry and infrastructure. PT.XYZ is located in Bandung area located at Soekarno Hatta Street. PT.XYZ has business processes and projects undertaken by the respective division. In the business process of course there are operational hours and targets to work on the results of his work. The work done there is certainly a disruption of the assets that make the business process disrupted. Need for recovery of assets in accordance with the needs of the business process undertaken. However, system improvements are still being done with unknown time. At PT.XYZ has not implemented Business Continuity Management (BCM) within the BCM there is Business Impact Analysis (BIA).

To handle the time problem needed to improve the assets in the smooth running of business processes in PT.XYZ, then proposed by designing BIA. The first step of this research is to identify business process on sub division by knowing its operational time, critical business, function frequency and RTO & RPO related to business process. After that, combining RTO and RPO from sub divisions into per division. Then, identify the assets that exist in the company and then associate with the division that uses the asset. The final stage of the research is to analyze gaps to find out whether the targeted RTO and RPOs are consistent with the existing RTO & RPO. The specified RTO & RPO need to have confirmation related to the employee receiving the recovery time causing the business process to be temporarily unworkable. If it is not received, additional repairs are needed related to the assets used by the division. Based on the design result of BIA that has been made, there will be asset recovery target in case of trouble.

Key Word: Business Impact Analysis, Disaster Recovery Plan, Business Continuity Management.