

## ABSTRACT

*PT. XYZ is a company engaged in the food and beverage industry PT.XYZ has an average accuracy of inventory for 1 year by 96% to take stock of the implementation of the activities carried out every day at 3 shift work schedule to perform the calculation of 186 SKUs. Take stock of the activities have a fee of Rp. 68,632,571, - for 6 months take stock activity. The cost of the activities that take a large stock of inventory accuracy by 96%, then PT. XYZ needs to redesign the proposed policy in order to take stock could cost more efficient and accurate inventory could be higher than 96%. Increased inventory accuracy can help to reduce the cost of depreciation due to the difference in the products arising due to inventory inaccuracies not owned the company and became a loss*

*Calculation method of cycle counting is done to determine the number of SKUs that will be calculated on the activity of the stock take. The results of cycle counting method is the determination of scheduled events then take stock. Then, with a business process analysis method by streamlining business process improvement tools, in order to get improvement cycle time shorter. Calculation of stock activity take fewer and shorter to minimize the cost of the stock take. The use of method of cycle counting selected to focus the calculation based on the products that have the demand and value that belongs to each product compared to record physical inventory methods.*

*Take stock of the application of the proposed policy is to reduce the working time to take stock of activities minimization up to 97%, and has reduced the burden of calculation SKUs to 97%. Provide cost minimization activities take stock of as much as 35% by minimizing cost of Rp. 4,596,388, -. Processes take stock of that business activity to increase efficiency and decrease time of 0:09 stock take from 594 minutes to 569 minutes and take stock activity for one SKU is over 3:05 minutes.*

*Keywords : FMCG, Cycle counting, Cycle counting, Business process improvement, Stock Take Activity Costs, Stock Take Activity.*

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