

## ABSTRACT

PT Gita Mandiri Teknik, a company in cooling tools industry, has two main activities, manufacturing and selling the cooling tools. Air conditioner is one of products that produced by this company, which has some varieties, such as: *Wallmounted, Split Ducted, Ceiling, Cassette, Floor Standing, Fan Coil Unit, Water Chiller*, started from a mini chiller until a chiller with a big capacity, Refrigeration, Special Unit, and many others. For warehousing, PT Gita Mandiri Teknik has three active-storages, there are a big raw material storage, a small raw material storage (spare part storage), and finished good storage. A finished good storage is a new one in PT Gita Mandiri Teknik. This factor make the warehouse system implementation in finished good storage is not effective yet. PT Gita Mandiri Teknik, has not a good documentation system, the positioning for warehousing location and non-value added activities create a long time in each processes and uncontrolled processes.

The research is started by mapping every flow of information and products that the company has. Then, make a detail illustration/ description of the processes in PT Gita Mandiri Teknik's finished goods storage. After that, identifying the activities that classified into three categories, *Real Value Added, Business Value Added, and Non Value Added*. This activities classification used to determine an efficiency value for existing processes. This an efficiency value will be used to analyze the streamlining analysis to design an improvement in the next steps.

The recommendation for business improvement is a Warehouse Slotting and business process as a solution for managing the problems in PT Gita Mandiri Teknik's finished goods storage. The output of warehouse slotting improvement and business process improvement are standard operational procedure and working instruction that used as a standardization for warehousing activities. The recommendation of business process improvement increase the efficiency value of

the processes as much as 14,2%; 7,25%; 8,25% for inbound process in internal products, inbound process in external products, and outbound logistic. As the result of warehouse activity improvement provide 5,379% reduction of picking time .

**Key words :** *Warehouse Slotting, Business Process Improvement*