ABSTRACT

The production process controls the production planning, task and resources assigning, and warehouse management. It is important to have the integrated set of system that enable all the sub process work simultaneously with integrated data. The more management can find its ideal production capacity and planning, it will increase cost efficiency and time effectiveness and generate more revenue to company. Business Process Reengineering use IT as an enabler not only as automating manual process but also to provide easy and reliable access to information enabling more works to be done simultaneously. In BPR, it is expected to gain breakthrough improvements by eliminating out of the processes that do not add values and rethinking those that add values.

The purpose of this thesis it to reengineer the current production process at PT.SV in order to achieving its ideal production capacity, saving cost and increasing revenue by stripping out unnecessary process, and simplifying current process. Based on the data collected from interview and observation, several processes determined critical to be reengineered. Implementation of IT system is enabling the new business processes realized to be implemented. By doing simulation and comparison with the current processes, it is found that the new processes are considered more beneficial as it would improve the time and reduce costs.

Keywords: Business Process Reengineering, Production, Process, IT
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