

ABSTRACT

PT. Len Industri is a State-Owned Enterprises (SOEs) engaged as a provider of electronic product for industry and infrastructure. Their amount of production in high quantity causes the inspection process is having a problem because the lack of a centralized database systems which cause the inspection activities result documentation is not stored properly and material reception and inspection result confirmation are not running in real time causing delays in production operation.

ERP System implementation selected to overcome the existing problems, because the ERP system can integrate and optimizing business processes. Selection of application in implementing ERP systems using SAP applications by using quality management module in accordance with company conditions which have a high level of complexity. Implementation of the ERP system using the Accelerated SAP (ASAP) methodology.

On this development the SAP business processes adjusted with the enterprise business processes using gap and fit analysis. Then, do a risk analysis to determine the possibility of a risk and impact is generated when the SAP implementation process is ongoing. Next will be the configuration process in SAP applications.

By doing the adjustment to business processes, then this development can give ease to the company to see the data from the inspection which been done so that the process of documentation of inspection from time to time can be stored properly, so that the production planning division can use inspection result to plan further production processes and receiving material can be inspected and provide confirmation of inspection results in real time so that no delays in production process.

Keywords: ERP, SAP, *Quality Management*, *ASAP methodology*