

ABSTRACT

PT. Len Industries is a state-owned company engaged in the electronics industry and infrastructure. Over time, increased production are higher. The rising value of the project is being produced, is a lot of product produced by PT. Len Industries that caused the company is experiencing a variety of problems in the production process. Based on this, there is a problem on the production, such as delays in finished products that result from the lack of monitoring of the production process as well as the lack of information system that is both realtime and integrated so that there is difficulty in monitoring the production process is being done. Based on the existing problems, production requires an ERP system to solve the problem.

The company scaled up above medium businesses with a lot of production capacity, so that the implementation of ERP using SAP-ERP be the best way. SAP-ERP shop floor control module can help the problems experienced in the production. This system made adjustments to the method of ASAP, because this method allows researchers to make continuous improvements to the company's needs can be quickly met.

In this development will be identification of As Is and To Be. Identification by consisting of several types of process identification, identification forms and reports. Furthermore, the GAP analysis and FIT as well as risk analysis. GAP analysis results and FIT will be used as a basis in the manufacturing process of the target business.

Results obtained from this research is the application of SAP-ERP shop floor control module can be configured according to the needs of the company's production process using ASAP. Then the electronics can be integrated with the planning department, parts control, the quality control and logistics. Keywords:

ERP, SAP, ASAP, *Shop Floor Control*.