ABSTRACTION

Every company wants a high level of productivity, because high productivity will reduce cost and increases company profits. Productivity improvement is implemented totally in a company, because productivity should be done totally to gain its effectiveness.

To make productivity improvement easier, a Decision Support System (DSS) is made. The function of Decision Support System is to give choices to decision maker in making their decision. Instead of that Decision Support System will make the calculation process faster and so the result of the data process is obtain faster. The Data in Decision Support System can also be changed along with the changing in the company. One of the needs in Decision Support System is sensitivity and so DSS can give several alternatives to break problems according the decision makers subjectivity.

Productivity improvement in this Decision Support System is using APIM (Analytical Productivity Improvement Model). To calculate company’s productivity we use Total Productivity Model. With respect to available budget, the company can choose among several productivity improvement technique alternatives.

Key word: Decision Support System (DSS), Analytical Productivity Improvement Model (APIM), Productivity Improvement, Productivity Improvement Technique