

ABSTRACT

Performance of time -based supply chain activities that are focused on reducing the time required in the basic functional activities that contribute to procurement , new product development , operations and logistics that can be seen through the rapid delivery confirmation message , the manufacturing time required , speed of delivery and response to customers .

This study used a 5 (five) regression models with time supply chain performance as the dependent variable to be influenced by the independent variables of Infrastructure of the Information Systems (ISI), Process Improvement and interaction of ISI and Process Improvement, with 32 samples of middle and upper level furniture company in Jepara . Data were analyzed using the coefficient of determination test , simultaneous significant test, and significant parameter test (t test) .

The results showed that 4 significant effect regression model between dependent and independent variables , whereas the model of five (5) there is no significant effect from the beginning because there is interaction between the average variable information infrastructure and average repair process (model)

Keywords: *SCM (Supply Chain Management), ISI (Information system Infrastructure), Process Improvements*