

ABSTRACT

XYZ company is a company that providing telecommunication in Indonesia. The pupose of providing inventory in XYZ company is to help fulfilling market demand which is distributed through retailers that become XYZ agent.

Based on observation result and interview with one of stakeholders in XYZ company, there are problems that exist from business process flow organization of inbound and outbound order services. One of the most important is how to estimating when to make product order to central warehouse for keeping the stock in regional inventory warehouse. Besides, the unavailable of format document integration between 2 existing system causing missing data because of different format or during order process activity. For solving these problems, in this research an application of Inventory Management System was proposed.

IMS was developed using Incremental Iterative methods. Every activity in each phase has a different purpose related to the development of IMS iteratively. According to the research, the results werer gained as allocation stock in warehouse become more efficient in scheduling for product re-order, more organizable and in document recording for inventory activity.

Keywords: *inventory management system, incremental iterative methods, planning*