ABSTRACT

Matsushita Seiko Co., Ltd. provides three kinds of products to serve Thai market under the named of “Panasonic and KDK”. The products are Electric Fan, Ventilating Fan and Air Moving Equipment (AME). This project focuses on Inventory System of Air Moving Equipment product. The reasons are that other two products already have the system from Japan to support the raw material system, and AME products still use a manual system with some computerization such as MS. Excel to keep the data inventory. The project tries to set up the system that is appropriate with the products.

The current existing system is based on manual and some computerized system. The problems come from the slowly ordered raw material, cutting the stock of raw material, and human error by wrong calculation. There are many paper works that is very hard to update the information, including poor management report making decisions making by management level.

The new proposed system will be developed to support the inventory management system in order to support both production and purchasing department to rapidly know the information in AME inventory. The system will reduce time consumption on raw material shortage, and increase efficiency to plan and keep the stock in the near future. The project designed is useful to purchasing staff and management level of purchasing and production section because the system can manage the routine jobs is easy to use and support making decisions in their level of management.

The proposed system is found to help improve the current operations, and solve the problems occurring in the existing system. The operating cost is also reduced because of less number of purchasing staffs required.