

ABSTRACT

Thai Product Electric Co., Ltd. (TPE) is a medium sized manufacturer that produces a variety of electronic products, including adaptors, transformers, megaphones etc. The products have been sold and distributed to both local and international markets. Being the manufacturer, one of the most critical area is production which comprises many production activities. This project focuses on developing effective information system to facilitate the production planning and control system.

At the present, the production planning and control system is mainly based on manual operation, which requires a lot of paper work and co-ordinated staffs. Computer system is only used for simple records keeping, that cannot efficiently support the whole system. Therefore, the existing system is confronted with many problems including delay processing, misleading, inconsistent information, and high operating cost.

For these reasons, the company needs to replace the present manual system with a new proposed information system that will improve by using Microsoft Access 97 for Windows NT 4.0. This new system will provide all necessary information in the form of reports and forms with user friendly interface. It can also provide the right information to the right people at the right time and in the right place with a reasonable cost and minimum delay.