

## ABSTRACT

This project is to develop a Small and Medium Enterprises (SMEs) computer network. The competitiveness of the SMEs is obstructed by the disorder of computer network system. The network system was designed to suit the production base of SMEs. The study procedure includes SMEs characteristics, network topology, network capacity planning and network layout.

The new network system will improve SMEs competitiveness by better information management, better security, shared access to information, the saving of money on hardware and overcoming the problem of distance.

The scope of this project includes the layout of the network system to suit the characteristic of production SMEs. In the future, the successful network system will replace all paper work and manual filing systems.

