

## ABSTRACT

TPT Petrochemicals Public Company Limited was the first producer of Purified Terephthalic Acid ("PTA") in Thailand. The PTA plant of TPT is located in the Map Ta Phut Industrial Estate, Rayong province, where TPT is a part of Thailand's major petrochemicals industrial cluster. The company is mainly divided into Department/Division/Center according to its office location. There are many Divisions and Departments which are located in both Bangkok Office and Rayong Plant.

TPT shared information by posting soft file documents into the Network system for the current existing system. Each function, department, division and center has their own directory in network system which has authorized access for authorized person only. Each folder consists of confidential document and working file but sometimes it is lost due to system errors or human errors. There is no file management to track the file version and edit the file. Announcement or schedule of internal regular meetings is sent to audience by e-mail which bothers the receivers and sometimes they ignore these e-mails. The existing Network system is not so convenient to facilitate the information and file sharing which causes the working process delay.

Due to the limitation of the existing Network system, the information sharing service application named "Microsoft SharePoint Portal Server 2003" is introduced to serve the need to share the information throughout the organization. This application also helps to create the center of information for the organization which helps to connect people from different locations, functions, departments and divisions to share knowledge and information.