



integrated

Case Study—McDonald

Background

McDonald is running the business globally and successfully due to the cooperation with well-developed and strong supporting system. This system includes advanced technology and management, well-organized human resources management and training system, and prompt and fast financial statistics and analysis, etc.

Keeping pace with the continuous development of technology, McDonald continuously utilizes advanced technology to enable the more superior and perfect management and control come into existence.

The well-developed one-card-solution system is able to be integrated with bank card, allowing expansion of function of consumption aspect of the enterprises, so as to improve efficiency and reduce cost for customers. Smart card can be inserted into reader of bank for banking procedure; meanwhile, in consumption place like McDonald, customers just need to swipe the card for transaction. This project is based on application of transportation smart card issued by the Beijing Municipal Administration and Communications Card Co. Ltd. The company allows Beijing McDonald to set up POS systems that accept transportation smart card for transaction.

Project Requirements

1. This project relates to money settlement of three parties such as consumers, Beijing one-card-solution system and McDonald. Hence, it must guarantee accuracy and safety of the data.
2. System functions in collecting consumption regularly.
3. Systems can collect all the consumption data which is from the consumption point and saved in the database of this system, and then send this data to the database of one-card-solution centre regularly for processing united calculation.
4. It allows receiving blacklist from one-card-solution centre regularly, and sending the list to control system of McDonald during daily non-working hour.
5. It allows using browse software in the PC of the restaurant, while data collected in the control system can be displayed.
6. Display screen of the reader can show transaction information of each consumption
7. It ensures transaction data not to be lost.



integrated

Project Description

1. Phase one of the project is system set-up in 80 restaurants of McDonald. There are 4-5 MCPOS and one CU-09 set up in each restaurant.
2. Due to wide distribution of McDonald restaurants, this system should be adopted a set of inserted operation that without any influence on the original system of McDonald
3. As data of the system relates to money settlement, it must ensure 100% accuracy and safety of the data.