應用RFID於營造工地施工機具設備之管理系統之研究

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摘要

The application of information technology promotes the advancement and development in management of domestic and overseas industries. So far, the electronic technology has developed into a mature stage; however, traditional industries such as construction industry have to take industrial promotion measures such as "electronic" in this era of electronic competition and the application and internet so that they can grasp the earlier opportunities of the market and obtain the competitive advantage.

This study utilized the developing environments of ER Model, SQL Sever, Visual Studio, Asp.net to develop the "Construction Facilities Management System in Construction Site." Integration site machinery, equipment, management and control to assist the industry to perform machinery, equipment management.

This study needed to compile the site of the machinery and equipment. When needed, the system will first read the information in advance based on Reader, automatic import system to remind the relations officer the information required, you can precisely control to the site construction machinery, equipment, information. Through this research and development of systems that can help to create a factory master lease, order the time to make the project proceed smoothly and reduce the time cost, reduce waiting time to avoid downtime and to reduce the scheduling pressures.

關鍵字：RFID、Data Base、ER Model、SQL Server