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Abstract
In the past business environment, many enterprises all solve the existing procedure problem, operating problem with Information Technology (IT). Wal-Mart and American Ministry are popularized and use Radio Frequency Identification (RFID) in 2005. This research applies conceptual framework, which consists of characteristic of RFID, systems Thinking and performance for industry.
This research applies its conceptual framework to an information technology enterprise, taking six industries as an example. Enterprises select is main basis Taiwanese first 500 greatest manufacturing industries and first 300 servicing business.654 questionnaires were sent to this target population. There are 68 available responses from business.
This research have three results, for the Retailing Industrial, Medical Care Industrial , Bank Industrial, Electronic Industrial are more important characteristics of RFID are”Real-time control, Hands-free operation, Penetrate, Operations in a harsh environment, The repetition uses, Identification at a distance, System and Data security, Downsize and Diversification”, and those characteristics also achieve complete results with organizational design and organizational politics; for the Carrying Trade Industrial, the more important characteristics of RFID are”Real-time control, Continuous or intermittent tracking Real-time control, The repetition uses”, and those characteristics also achieve complete results with organizational politics; for the Information and IC Industrial, the more important characteristics of RFID are ”System and Data security, The repetition uses, Read/Write”, and those characteristics also achieve complete results with Organizational process and organizational politics.
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