

The Research of Police Patrolling Duty Mode and Police Officers to Accept a Degree of Amendment through the RFID System

Yi-Hsin Lin, Che-Hung Liu*, and Ping-Yu Kuo

Department of Business and Management, Master Program of Technology Management,
National University of Tainan, Taiwan

Abstract-- In this study, the Integrated Technology Acceptance Theory (UTAUT) was used to explore the police to the RFID system to fix the degree of acceptance of the existing patrolling duty mode. RFID system on behalf of traditional patrol sign, to improve the shortcomings of the existing patrol, patrol sign and expand the use of information-oriented, therefore, to understand the police accepted behavior for the new technology system, the Tainan City Government Police Board member of the police in 101 years, May to June, issuing questionnaires, and collection of questionnaires a total of 131 copies, and then effectively questionnaires PLS (Partial Least Squares) and single factor variation number (One-Way ANOVA) analysis. The analysis showed that the expected performance, expected to pay and enabling conditions are technology acceptance behavior, behavioral intentions have an important impact of key variables. Police seniority (Experience) and the voluntary mode affect the relationship with a significant regulatory role.

Index Terms— integrated technology acceptance, RFID, patrol

*Corresponding author: chehung@mail.nutn.edu.tw
DOI : 10.6159/IJSE.2013.(3-1).07