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ABSTRACT

The aim of this study is to find out the productivity of automated material management system in Sri Lanka Army Ordnance Corps. Being a pioneer service provider to the Sri Lanka Army presently ordnance has to cater for more than 175,000 military personnel's spread throughout the country. There for ordnance have to have efficient and effective service providing mechanism. Automated material management system is a computerized inventory processing system integrated with the cataloguing system which using for stock controlling of the ordnance. All ordnance issue transactions are process through this system and it easier the overall stores distribution cycle. Though automated system introduced to Army there are many loop halls and weaknesses of the system identified by the researcher. Those loop halls are directly effect on the productivity of the Sri Lanka Army Ordnance Corps. There for researcher analysis the various factors which effect to reduce the effectiveness and efficiency of the productivity. Mainly those factors are the failure of internet connection, inadequate number of trained operators, the safety vulnerability of the password and reaccepting the same voucher without checking and the less knowledge of the soldiers who are handling the system etc. A survey was conducted through the questionnaire to the stock control staff that handling the system and the stock control officers of all ordnance establishments. A likert scale questionnaire survey was the main instrument providing quantitative data. Secondary data was collected from books on this subject matter, publications, research studies, journals, and websites published by the local and foreign intellectuals of the subjects. It presents rich data results from literature review and questionnaire methods. Finally researcher has identified that automated material management system has direct impact of the productivity of the whole supply chain of the Sri Lanka Army Ordnance Corps. There for by enhancing the capabilities and with the development of the system ordnance can be providing effective and efficiency services with higher productivity.

Key Words: Productivity, AMMS, Cataloguing System, ABC Classification, RFID