

**AN INVESTIGATION OF SECURITY CONTROL OF
COMPUTERIZED ACCOUNTING INFORMATION SYSTEM IN
RATHNAPURA DISTRICT**

by

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A Project Report

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ABSTRACT

Small and Medium Enterprises (SMEs) have been very important in many countries including Sri Lanka, as it mostly contributes for the country's economic growth. The main objective of the study is to investigate the existence and adequacy of implemented Computerized Accounting Information System (CAIS) security controls to prevent, detect and correct security weakness in the Small and Medium Enterprises (SMEs) in Rathnapura district. Further, it finds out the significant differences among the selected SMEs regarding the adequacy of implemented CAIS security controls. The data were collected using questionnaire within the 100 sample. Data were analyzed by using univariate analysis, one sample t test and one way ANOVA.

According to one sample t test showed all the implemented CAIS security controls was adequate level but some variables close to the decision level ($\mu > 3$). Under the ANOVA test all security control variables of CAIS are no significant differences among SMEs regarding the adequacy of implemented CAIS security controls in Rathnapura district. Based on the findings, some recommendations are given to minimize the weakness in the present CAIS security controls in the SMEs. Result of this study useful to SMEs to understand the level of their security control of CAIS. Whereby, they can properly manage their security control of CAIS.

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