

**THE RELATIONSHIP BETWEEN COMPUTER USAGE, SIZE OF  
ACCOUNTING DEPARTMENT AND ORGANIZATION  
COMMITMENT ON SECURITY CONTROLS**

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**This dissertation is submitted in partial fulfillment of the requirements  
of MARA University of Technology for the degree of Master of  
Accountancy**

**30 November 2000**

## ACKNOWLEDGEMENT

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**With the name of Allah who is the most graceful**

First and foremost, thank you God the Most Merciful. With his bless and will, I have completed this research paper.

To Prof. Dr Juhari Samidi, Dean, Faculty of Accountancy, UiTM, and Dr. Nafsiah Bt. Mohamed, program co-ordinator Master of Accountancy, thank you for your support and for giving us ample time in completing this dissertation.

To my research advisor, En. Mohd. Ismail B. Ramli, thank you for your valuable advice, guidance, critics and comments throughout the preparation of this dissertation from which I managed to complete my dissertation.

Thanks are also due to Prof. Madya Dr. Normah Omar for giving me her valuable advice on statistical analysis using SPSS software.

To Pn. Norhafeizah Bt. Hassan, Assistant Lecturer, Multimedia University, thank you for your valuable advice on grammar correction.

To my housemate, Wan Shafizah Bt. Hussin, thank you for helping me in questionnaire distribution.

Special dedication for my parents, Tn. Hj. Mohamed B. Nawawi and  
for giving me moral support and motivation on completing this dissertation.

## ABSTRACT

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The purpose of this study is to identify the relationship between computer usage (level of computer usage and types of software usage), size of accounting department and organization commitment on security controls. Companies that registered with Malaysian Registrar of Companies under group 7 and group 8 (banks only) were chosen as population of interest because of their involvement in computer usage.

The sample, which consists of 322 companies, was randomly selected from population of interest. The survey questionnaire was used to collect data. Data were analyzed using descriptive statistics and inferential statistics (multiple regression stepwise method).

The result of the study indicates that non-accounting software usage and the size of accounting department significantly explain the variance in organization commitment on security controls. The other two variables, level of computer usage and accounting software usage on the other hand, have no significant relationship towards organization commitment on security controls.

## TABLE OF CONTENTS

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|  | PAGE |
|--|------|
| Acknowledgement.....                                     | i    |
| Abstracts.....   | ii   |
| Table of Contents.....                                   | iii  |
| List of tables and figure.....                           | vi   |
| <br><b>CHAPTER 1: INTRODUCTION</b>                       |      |
| Introduction.....  | 1    |
| Background.....  | 1    |
| Objectives of the study.....                             | 3    |
| Main objective.....                                      | 3    |
| Specific objectives.....                                 | 4    |
| Organization of study.....                               | 4    |
| Conclusion.....  | 5    |
| <br><b>CHAPTER 2: LITERATURE REVIEW</b>                  |      |
| Introduction.....  | 6    |
| Information technology and its impact on accounting..... | 6    |
| Introduction to accounting information system.....       | 7    |
| Computer usage.....                                      | 8    |
| Security threats.....                                    | 9    |
| Man made hazards.....                                    | 10   |
| Natural hazards.....                                     | 12   |

# **CHAPTER 1**

## **INTRODUCTION**

### **1.1 INTRODUCTION**

The revolution of information technology has contributed to the sudden growth in the use of computer. Information technology development shows that computer has become a need in everyday businesses. One of the areas in organizations that are affected by the growth of information technology is the Accounting or Finance Department. Many companies and government organizations have switched their operations from manual system to computerized system, which is known as computer based accounting system. The transformation however, create a new issue on security of accounting information. This research looked into the relationship between computer usage, size of accounting department and organization commitment on security controls. Chapter 1 discusses on the need of this study, the objectives and the organization of the chapters.

### **1.2 BACKGROUND**

Computer based accounting systems has taken over the routine processes of summarizing and processing accounting information. The development of accounting software such as ACCPAC, UBS Accounting, One Write Plus DOS Package, Peachtree and M.Y.O.B Accounting improve the process of recording, transmitting, processing, storing and retrieving accounting data. Availability of additional software such as word processing, spreadsheet and database assist employees to process accounting data.

Although the computerized system adds value to Accounting or Finance Department, the security over the processing of accounting transactions should be taken into consideration in order to produce reliable information, that meet internal and external