

**STUDY ON
MATURITY OF BUSINESS CONTINUITY
MANAGEMENT AND ICT RELIANCE
IN SRI LANKA**

**MASTER OF BUSINESS ADMINISTRATION
IN
INFORMATION TECHNOLOGY**



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December 2006

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**STUDY ON
MATURITY OF BUSINESS CONTINUITY
MANAGEMENT AND ICT RELIANCE
IN SRI LANKA**

By

K.C. Usgoda Arachchi

Supervised by

Mr. Kithsiri Samarasinghe



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This dissertation was submitted to the Department of Computer Science & Engineering of the University of Moratuwa in partial fulfillment of the requirement for the Degree of Master of Business Administration.

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Declaration

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Abstract

Organizations are more and more concerned about the risks that threaten the continuity of their business. Among many other factors, the increasing reliance on ICT and other technologies make organizations more vulnerable and influence a rise in attention for continuity. The aim of this research is to contribute new knowledge to help to fill the Business Continuity gap in Sri Lankan organizations who are increasingly rely on ICT.

ICT is the backbone of business today. Recovery time objectives have been shrinking. Organizations occupy themselves with BCM to assure the continuity of their business. The population of this study is all the public and private sector organizations reside in Sri Lanka who uses ICT in achieving their operational and strategic objectives. The research studied thirty three organizations across ten industries to achieve three main objectives. The context of this cross industry research includes the topics ICT reliance and business continuity.



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According to the research findings the organizations are relying on ICT on achieving their operational objectives more (64%), over strategic objectives (55%). The overall reliance on ICT has reported as 59%. Therefore it is important to notice that more than 50% of achievement of their operational and strategic objectives depends on ICT.

The top management's commitment and leadership shown towards better BCM process seems 'almost high'. The organizations' effectiveness and efficiency on having good BCM processes is about 65%. This means the organizations have more room to develop in the BCM discipline. Some positive relationship exists between 'reliance on ICT' and the 'maturity level of BCM'.

By looking at the outcome of the result on average, the Sri Lankan organization that uses ICT for their operations have initiated the Business Continuity Management process, however they still have enough room to make those efforts more effective and efficient.

Acknowledgements

I would like to extend my heartiest gratitude to each and every person who helped to make this endeavor a success. Among many of them I would like to express a special appreciation to my project supervisor Mr. Kithsiri Samarasinghe, for the guidance and support extended to me during this research project. I would like to thank Mrs. Vishaka Nanayakkara, the Head of CSE and all the faculty members of the Department of Computer Science and Management of Technology at University of Moratuwa, for all the support extended towards me in successfully completing this thesis.

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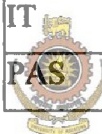
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List of abbreviations

Abbreviation	Description
BC	Business Continuity
BCI	Business Continuity Institute
BCM	Business Continuity management
BCMM	Business Continuity Maturity Model
BCP	Business Continuity Planning
BIA	Business Impact analysis
BS	British Standard
CBSL	Central Bank of Sri Lanka
CMM	Capability Maturity Model
DR	Disaster Recovery
ICT	Information and Communication Technology
IT	Information Technology
PAS	Publicly Available Standard



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