

INTEGRATION OF GLOBAL NETWORK FOR VOICE AND DATA ENHANCEMENT TO WORK QUALITY

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fulfillment of the requirements for the degree
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BY

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ABSTRAK

(BAHASA MALAYSIA)

Kajian ini dijalankan dengan tujuan untuk menganalisa hubungan di antara rangkaian global bersepadau dan mutu kerja di dalam organisasi. Kajian juga dijalankan untuk mengetahui bagaimana keputusan dan pengawalan kos yang berkesan berkait dengan peralatan telekomunikasi dan cara berkomunikasi. Data primer diperolehi melalui soalselidik Likert-type style yang telah diedarkan kepada 100 orang responden untuk kategori pengurus atas dan peringkat tengah di kawasan perindustrian Sungai Petani,Kedah Darul Aman.Kaedah penilaian data secara “Statistical Package for the Social Science” (SPSS) telah digunakan berserta penilaian diskriptif, penganalisaan faktor dan Pearson Correlation untuk menganalisa hipotesis yang berkaitan.

Dari penganalisaan, didapati bahawa 60% daripada responden bersetuju bahawa sistem komunikasi mempunyai kaitan dengan mutu kerja serta dibuktikan dengan ujian hipotesis yang signifikant untuk kedua-dua variabel. Peralatan telekomunikasi dan kaitannya dengan membuat keputusan adalah sebanyak 74% dan mempunyai hubungan yang signifikant antara keduanya. 57% daripada responden bersetuju bahawa cara berkomunikasi mempunyai kaitan dengan pengawalan kos yang berkesan dan juga telah dibuktikan dengan ujian korelasi yang signifikant terhadap hipotesis.

Hasil kajian menunjukkan bahawa dalam melayari era milenium yang semakin hampir, organisasi perlu bersedia untuk mengubah cara berkomunikasi sama ada dalaman atau luaran bagi meningkatkan mutu kerja dan seterusnya pencapaian keuntungan yang banyak. Kajian seterusnya haruslah dijalankan terhadap tajuk ini untuk memberi gambaran yang lebih jelas dan terperinci bagi menggalakkan organisasi menuju kearah pembangunan perniagaan yang lebih maju.

ABSTRACT

(ENGLISH)

This study was undertaken to examine on the relationship between integrated global network and work quality in an organization. The study also examines on how decision making and cost effectiveness control relates to telecommunication equipment and method of communication used. The primary data was collected through Likert-type style questionnaires and were distributed to 100 respondents of the top and middle managers in the industrial area in Sungai Petani,Kedah Darul Aman. "Statistical Package for the Social Science"(SPSS) was used in analyzing the data obtained,descriptive analysis,factor analysis and Pearson Correlation were use to test the hypotheses.

This study shows that 60% of the respondents agrees that communication system and work quality are related and this is further proof by the hypotheses test which shows a significant results between the two variables. For telecommunication equipment which related with decision making, a 74% of agreeable responds were tabulated and also significantly related between the variables. An amount of 57% of the respondents agrees that method of communication relates to cost effectiveness control and further justified with the significance in the Correlation test of the hypotheses.

From the results,it can be concluded that with the new millenium just a few steps away,organization should be prepared to change the way organization communication whether internally or externally so as to enhanced work quality and relatively profit increment. Further studies in this research is to give a more detailed and precise picture of the subject matter in order to stimulate organization to a more sophisticated way of business development.

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TABLE OF CONTENTS

PERMISSION TO USE	ii
ABSTRAK (BAHASA MALAYSIA)	iii
ABSTRACT (ENGLISH)	iv
ACKNOWLEDGEMENT	v
LIST OF FIGURES	xii
LIST OF TABLES	xiii
CHAPTER 1 : INTRODUCTION	
1.0 Definition Of Telecommunication	1
1.1 Types Of Communications Network	6
1.1.1 Voice Transmission	6
1.1.2 Data Transmission	8
1.1.3 Integrated Global Network	9
1.2 Types Of Telecommunication Equipment	12
1.2.1 PABX Systems	12
1.2.2 Key Systems, Featurephones And Intercom	13
1.2.3 Call Management System	14
1.2.4 Voicemail Systems	14

1.2.5	Pagers	15
1.2.6	Trunked Radio	15
1.2.7	Cellular Phones	16
1.2.8	Cordless Telephones	16
1.2.9	Telex	17
1.2.10	Facsimiles	17
1.2.11	Electronic Mail System	18
1.3	Work Quality	19
1.4	Problem Statements	21
1.5	Objectives	24
1.5.1	General Objectives	24
1.5.2	Specific Objectives	24
1.6	Research Questions	25
1.7	Limitation Of Research	26
CHAPTER 2 : LITERATURE REVIEW		28
CHAPTER 3 : METHODOLOGY		
3.1	Theoretical Framework	40

3.2	Sampling Size	42
3.3	Hypothesis	43
3.4	Research Design	45
3.5	Methods Of Data Collection	46
3.6	Validity Of Questionaires	48
3.7	Method Of Analysis Data	50

CHAPTER 4 : DATA ANALYSIS

4.0	Introduction	53
4.1	Exploring Data	54
4.1.1	Communication And Organization	54
4.1.2	Communication System And Organization	55
4.1.3	Type Of Communication System And Management	56
4.1.4	Communication And Inter-Organizational Relationship	57
4.1.5	Global Communication And Management Teams	58
4.1.6	Integrated Global Network And Organization Acceleration	59

4.1.7	New Technology And Work Quality	60
4.1.8	Voice And Data Communication In Large Organization	61
4.1.9	Work Quality And Management Style Of Communication	62
4.1.10	Globalization And Organization	63
4.1.11	Communication Networking And Cost	64
4.1.12	Integrated Network And Higher Work Quality	65
4.1.13	Types Of Telecommunication In Organization	66
4.1.14	Work Quality And Communication System	67
4.1.15	Work Quality Performance	68
4.1.16	Communication Equipment And Quality	69
4.1.17	Advance Communication System And Work Quality	70
4.1.18	Decision Making And Types Of Communication Uses	71
4.1.19	Decision Making And Forecast Results	72
4.1.20	Communication And Decision Making	73
4.1.21	Communication Equipment And Decision Making	74
4.1.22	Communication And Reliable Decision Making	75

4.1.23	Telecommunication Equipment And Information	76
4.1.24	Confidence And Telecommunication Technologies	77
4.1.25	Decision Making And Communication Network	78
4.1.26	Cost Effectiveness Control And Work Quality	79
4.1.27	Method Of Communication And Cost Control	80
4.1.28	Integrated Global Network And Cost	81
4.1.29	Cost And Work Quality	82
4.1.30	Information And Investment Of Cost	83
4.1.31	Cost And Communication Channels	84
4.2	Analysis Of Communication System And Work Quality	85
4.3	Analysis On Telecommunication Equipment And Decision Making	86
4.4	Analysis On Method Of Communication And Cost Effectiveness Control	87
4.5	Analysis On Properties Of Findings	88
4.6	Testing Of Hypotheses	89
4.6.1	Testing Of Hypotheses One	89
4.6.2	Testing Of Hypotheses Two	90
4.6.3	Testing Of Hypotheses Three	91

CHAPTER 5 : DISCUSSION AND CONCLUSION

5.0	Discussion On Findings	92
5.1	Conclusion	96
5.2	Future Research	98

BIBLIOGRAPHY

APPENDICES

Questionnaires	99
SPSS Output	103

LIST OF FIGURES

	Page
3.1 Theoretical Framework	41
3.2 The Research Design	45
3.4 Flow Diagram Of The Data Analysis Process	51

LIST OF TABLES

3.3	Results Of Pilot Study	50
4.1	Communication An Important Part In Organization	55
4.2	Communication System In The Organization Is The Best	56
4.3	Types Of Communication Equipment And Management Planning Stage	57
4.4	Types Of Communication Have Impact On Managers-Workers Relationships	58
4.5	Global Communication Should Be Look Into By Management Teams	59
4.6	Integrated Global Network And Helps Me And Organization To Move Ahead Faster	60
4.7	New Technology In Telecommunication Does Not Always Increase Work Quality	61
4.8	Voice And Data Communication Is Only Applicable In Large Organization	62
4.9	Work Quality Relates To Management Style Of Communication	63
4.10	Globalization In Communication Does Not Play A Bigger Role In The Organization	64

	Page
4.11 Communication Network Helps Lesser Cost In A Long Run	65
4.12 Organization Usage Of Integrated Network To Achieve A Higher Work Quality	66
4.13 Types Of Telecommunication Equipment In Organization	67
4.14 Work Quality Is Easy To Evaluate If Communication System Is Use In Daily Operation	68
4.15 Satisfied With Organization Work Quality Performance	69
4.16 Contribution Of Telecommunication Equipment To Organization In Quality Wise Is Significantly Important	70
4.17 The More Advance The Communication System, The More The Chances Of Achieving Work Quality At A Higher Level	71
4.18 Results And Decision Making Are Much Faster With The Use Of Global Communication	72
4.19 Faster Decision Making Lesser The Degree Of Ambiguity On Forecast Results	73
4.20 Communication And Decision Making Made Is Base On Reduction Of Uncertainty	74
4.21 Communication Equipment Helps Achieving A Satisfactory Decision Making	75

	Page
4.22 Communication Helps Increase Reliability Standards In Decision Making	76
4.23 Telecommunication Equipment Helps To Have A Clear And Usable Information In Making Decision	77
4.24 Confidence In Making Decision With Telecommunication Technologies Globalize	78
4.25 Most Of Decision Making Is Base On Communication Network	79
4.26 Cost Effectiveness Control Does Not Relates To Work Quality	80
4.27 Method Of Communication Helps Cost Control In Organization	81
4.28 Integrated Global Network Lessen Cost In A Long Run	82
4.29 Cost Relates To Work Quality	83
4.30 Information And Cost Investment	84
4.31 Cost Obtaining Information From Communication Channels	85
4.32 Communication Equipment And Work Quality	86
4.33 Telecommunication Equipment And Decision Making	86
4.34 Method Of Communication And Cost Effectiveness Control	87
4.35 Properties Of Batch Data Obtained	88

CHAPTER 1

Introduction

1.0 Definition Of Telecommunication

A pioneer in the field of telecommunications, Alexander Graham Bell was born in 1847 in Edinburgh, Scotland. He moved to the United States, settling in Boston before beginning his career as an inventor. Throughout his life, Bell had been interested in the education of deaf people. This interest led him to invent the microphone and in 1876, his "electrical speech machine" which we now call a telephone. News of his invention quickly spread throughout the country even throughout Europe. By 1878, Bell had set up the first telephone exchange in New Haven, Connecticut. By 1884, long distance connections were made between Boston, Massachusetts and New York City.

Bell imagined great uses for his telephone but would he ever have imagined telephone lines being used to transmit video images? Since his death in 1922, the telecommunication industry has

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