

**THE IMPACT OF CUSTOMER RELATIONSHIP
MANAGEMENT ON CALLER SATISFACTIONS IN
CUSTOMER CONTACT CENTERS: EVIDENCE FROM
MALAYSIA**

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**The Impact of Customer Relationship Management
on Caller Satisfactions in Customer Contact Centers:
Evidence from Malaysia**

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**A thesis submitted to Othman Yeop Abdullah
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University Utara Malaysia in fulfillment of the
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in Marketing**

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Aliyu Olayemi Abdullateef

ABSTRAK

Kajian sedia ada telah menunjukkan bahawa pengurusan perhubungan pelanggan (CRM) sebagai memberi peluang kepada para pelanggan dalaman dan luaran organisasi dalam menjelajah maklumat penting melalui integrasi sistem telefon syarikat, kumpulan sembang, respon suara Interaktif, penghantaran faks, elektronik pertukaran data, komunikasi suara melalui laman web dan e-mel sentuhan akan menghasilkan kepuasan pelanggan untuk pembelian produk baru, membantu dalam meningkatkan jualan dan jualan antara rangkaian dan mencipta kesetiaan pelanggan, nilai dan keuntungan. Walaupun semakin besar pengakuan pentingnya CRM, sangat sedikit kajian telah difokuskan pada kesan daripada aplikasi CRM terhadap prestasi perhubungan dengan pelanggan dalam pusat kawalan.

Penyelidikan empirikal ini menjelajah hubungan antara dimensi CRM, resolusi panggilan pertama, kualiti perkhidmatan yang dirasakan dan kepuasan pemanggil dalam kawalan dalaman pusat panggilan. Kerangka konseptual yang dibangunkan berdasarkan kajian sedia ada dan maklumat yang diperolehi daripada wawancara awal dengan pengurus pusat panggilan. Model kajian adalah meliputi kunci pembinaan CRM, orientasi pelanggan, organisasi CRM, pengurusan pengetahuan dan teknologi yang berpusat CRM dan juga meneliti kesan dari dimensi pada resolusi panggilan pertama (FCR), kualiti perkhidmatan yang dirasakan dan kepuasan pemanggil. Paling penting adalah, FCR dan kualiti perkhidmatan yang dirasakan dianggap sebagai anteseden penting bagi kepuasan pemanggil. Dalam penelitian kuantitatif, kajian terhadap 168 pengurus pusat panggilan di Malaysia dianalisis melalui model persamaan struktur yang memberikan tahap respons secara keseluruhan 43.3%. Penemuan kajian menunjukkan bahawa dari empat hipotesis positif antara dimensi CRM dan kepuasan pemanggil, tiga daripadanya disokong. Penemuan juga menunjukkan bahawa resolusi panggilan pertama (FCR) mempunyai pengaruh signifikan terhadap kepuasan pemanggil. Manfaat utama bagi para pengamal dan ahli akademik akhirnya dibincangkan dalam implikasi teori dan praktikal, manakala satu bidang kajian yang baru disyorkan untuk para penyelidik melaksanakannya di masa depan.

ABSTRACT

Available literatures have established customer relationship management (CRM) as giving opportunity to both internal and external customers of an organization in exploring critical information through the integration of company's telephone system, chat groups, Interactive voice response, facsimile transmission, electronic data interchange, voice over internet, web sites and e-mail touch points that will result in satisfying customer self services for new product purchases, assist in up-selling and cross selling and creating customer loyalty, value and profitability. Despite the enormous increasing acknowledgement of CRM importance, very little studies have focused on the impact of CRM applications on inbound customer contact center performance.

This empirical research explored the relationship between CRM dimensions, first call resolutions, perceived service quality and caller satisfactions within the inbound call centers. A conceptual framework was developed based on the extant literatures and information that were obtained from initial interviews with call center managers. The research model incorporated key CRM constructs; customer orientation, CRM organization, knowledge management and technology based CRM and also investigated the impact of these dimensions on first call resolution (FCR), perceived service quality and caller satisfaction. Importantly, FCR and perceived service quality were considered as critical antecedents to caller satisfaction. In this quantitative study, a survey of 168 call center managers in Malaysia was analyzed through structural equation modeling, constituting an overall 43.3% response rate. The research findings indicated that out of the four hypothesized positive relationship between CRM dimensions and caller satisfaction, three were supported. The findings also indicated that first call resolutions have significant influence on caller satisfactions. Key benefits for practitioners and academia was finally discussed under the theoretical and practical implications, while necessary suggestions on new area of research were recommended for future researchers.

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LIST OF ABBREVIATIONS

CRM:	Customer Relationship Management
CO:	Customer Orientation
CRMO:	CRM organization
KM:	Knowledge Management
TBCRM:	Technology Based CRM
FCR:	First Call Resolution
PSQ:	Perceived Service Quality
CS:	Caller Satisfaction
SQM:	Service Quality Measurement
CCAM:	CRM and Contact Center Association of Malaysia
CA:	Comparative Advantage
SEM:	Structural Equation Modeling
CSRs:	Customer Service Representatives
EFA:	Exploratory Factor Analysis
CFA:	Confirmatory Factor Analysis
KMO:	Kaiser-Meyer-Olkin
MSA:	Measure of Sampling Adequacy
VE:	Variance Extracted
AVE:	Average Variance Extracted
GFI:	Goodness-of-Fit Index
RMSEA:	Root mean square of approximation

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Chapter 1

1.1 Introduction

In the business world today, businessmen have recognized that customers are the core to any successful business. This is because both academic and industry researchers have proven that every business's success depends greatly on the effectiveness of such companies in managing its relationships positively with the current and potential customers (SQM, 2007; Brady, 2001; Berry, 1995 & 1983). Due to this unavoidable phenomenon, most organizations have been making it a must to integrate their team of managements and employees into knowing and practicing customer orientated approach (Dean, 2009; 2007; 2004; McNally, 2007; Sin, Alan and Frederick, 2005; Roland and Werner, 2005; Kohli, Jaworski and Kumar, 1993; Narver & Slater, 1990).

Efforts in understanding how managers could effectively establish and maintain long term positive relationships with their customers have led this current study into understanding the term "Relationship paradigm". As referred, relationship paradigm have been argued as all activities that are directed towards the establishment, development and maintaining successful relational exchanges between an organization, its customer and suppliers (Aihie & Bennani, 2007; Gummesson, 2004; Berry, 1995). This concept of relationship interfaces is centered on where and how individuals and organizations exchange information

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