Value-Based CRM

The Interaction of the Triad of Marketing, Financial Management, and IT

Customer relationships represent a firm’s most valuable assets. Within value-based management it is therefore crucial that customer relationships should be treated as assets or investments that need to be actively managed to maximize corporate value. However, (mono-)disciplinary approaches often do not explore the true economic potential of CRM. Therefore, this paper first presents the state of the art of CRM in academia and practice in general. Furthermore, specific challenges of a value-based CRM for the interaction between marketing, financial management, and IT are analyzed in detail. In addition to a mutual alignment of marketing and IT, the development of financial performance measures is crucial. Based on these measures and on an adequate IT support, the contribution of CRM to the corporate value can be measured and controlled.

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1 Introduction

Today, many companies operate in stagnant markets with a high degree of competition, increasing customer demands, and easily substitutable products and services. Moreover, and due to the evolution of marketing from a product- and transaction-oriented to a customer- and relationship-oriented perspective, there has been an increasing focus on customer relationships both in research and practice in the past two decades (Elmuti et al. 2009, p. 75; Reimartz et al. 2004, p. 293). Therefore, many companies consider customer relationships as key assets (Kumar et al. 2004, p. 61). Especially in crisis situations such as the current financial and economic crisis, the importance of solid customer relationships and a balanced customer portfolio for the company’s survival becomes apparent. In the light of a value-based management it is therefore not surprising that interests and corporate decision making are increasingly focused on the relationship to the customer.

Customer relationship management (CRM) has emerged as an important research field especially within marketing1 and business and information systems engineering (BISE) (Hippner 2005, p. 131; Riemer et al. 2002, p. 600). Developments in information technology2 not only allow for the collection and distribution of customer information within the company (Goldsmith 2004, p. 11), but also make it possible “[to] attain customization, the essence of the customer-centric orientation, through the deployment of sophisticated customer relationship management (CRM) systems” (Stefanou et al. 2003, p. 617). This is linked to the many implementations of CRM systems3 that can be observed in practice,
in order to ensure synchronization and operational support for customer-related processes within the “classical” core areas of CRM (marketing, sales, and service). According to a comprehensive study by Sackmann et al. (2008, p. 23), nearly 85% of the companies surveyed have implemented CRM systems. Apart from a growth forecast of Germany-wide IT investments in CRM to more than 2 billion Euros by the end of 2010 (Seidel 2008) an increase of global revenues from license sales of CRM software from nearly 3.6 billion U.S. dollars in 2007 to up to 6.6 billion U.S. dollars in 2012 is estimated (Marketingcharts 2008).

However, despite huge investments numerous studies in business practice illustrate that many CRM projects fail to achieve their objectives (Becker et al. 2009; Elmuti et al. 2009, p. 76). In particular, CRM projects have mainly focused on a system implementation without considering that this is only one component of a successful CRM strategy (Reinartz et al. 2004, p. 302; Richard et al. 2007, p. 423 ff). Thus, not only a customer-centric design of the business model as well as the adjustment and alignment of processes, of application systems and of the infrastructure of the company have to be ensured. Rather, within a value-based management all CRM activities and decisions have to be consistently linked to the business goal of an enterprise, i.e. maximizing the long term shareholder value (Bauer et al. 2006, p. 17; Rao and Bharadwaj 2008, p. 16).

What is more, value orientation as a concretization and advancement of the shareholder value approach (SHV) should not only be – as some proponents of SHV-theory claim (Brealey et al. 2007; Keown et al. Equate 2008) – a maximization of the stock price and thus the market capitalization. In this article and according to Rappaport (1986) and Copeland et al. (1993), value orientation is rather understood as a concretization of the SHV with the long-term objective to maximize the net present value of all future cash flows. This long-term orientation, as Danielsen et al. (2008) and Albach (2001) show, also leads to compatibility between the SHV and the stakeholder value approach. Moreover, a key performance measure based on the discounted cash flow (DCF) approach allows for the indirect consideration of nonfinancial measures, which precede the financial dimension as “early indicators” and which finally affect the future cash flows with some delay (Gu 2005; Ittner and Larcker 1998).

Therefore, an integrated, company-wide, and value-based CRM requires not only an extension of the considered interface between marketing and IT to the perspective of financial management, but also a cross-functional integration and selectively adjusted collaboration of this resulting triad. A (mono-) disciplinary approach – as it can be found in the majority of marketing management research literature – only insufficiently specifies a CRM concept with regard to a value-based management (Meyer and Kolbe 2005, p. 176; Zablah et al. 2004, p. 476).

The article addresses this research gap by analyzing the central aspects of a selectively adjusted collaboration of marketing, financial management, and IT in terms of a value-based CRM.

The article is structured as follows: First, we review the research literature regarding CRM and provide a brief overview of the theoretical concept and framework in Sect. 2. In addition to a brief description of the historical development, we identify different perspectives of CRM. A categorization of the functions of CRM systems in Sect. 3 completes the theoretical background for our analysis. In Sect. 4 we then expand the interdisciplinary view of marketing and IT by adding the perspective of financial management which is necessary for a value-based orientation and management of the CRM, and we analyze the interaction of these three fields in detail. The last Sect. summarizes the results and points out areas for further research.

2 CRM – A Conceptual Overview

The idea of CRM can be traced back to the field of relationship marketing (RM), which has been introduced by scientific works of Berry (1983), the IMP Group (e.g. Ford 1990), and Christopher et al. (1991). According to Berry (1983, p. 25), RM is defined as “attracting, maintaining and – in multi-service organizations – enhancing customer relationships”. Thereby, RM shifts the focus of transaction marketing, the marketing paradigm dominant up until then, from a general concentration on customer acquisitions and single transactions to long-term customer relationships and individualized products and services. The increasing importance of RM has led to numerous research activities and articles, special issues of academic journals and books. With the development of IT and the focus on the customer – in the original sense RM deals with all stakeholders and not only with the customer himself (Payne and Frow 2006, p. 137) – CRM emerged from a synthesis of RM and different research streams within marketing and BISE. In a detailed analysis, Hippner (2005, p. 118 f) distinguishes these into research streams that tend to have a more conceptual marketing background (including database marketing, one-to-one marketing, direct marketing, mass customization) and research streams which tend to have a more technical BISE background (including business process management – e.g. total quality management, business process reengineering – IT integration, information and knowledge management). By means of a consistent alignment of the company and the company’s business processes to customers – especially within marketing, sales, and service – CRM focuses on establishing, maintaining, and enhancing long-term relationships with customers (Jayachandran et al. 2005, p. 177).

Although a large number of research articles in the CRM context have been published in the past two decades, there is still no universally accepted definition of CRM (Payne and Frow 2006, p. 138; Ngai 2005, p. 583). Reasons for this can be found in the various disciplinary and interdisciplinary research streams and perspectives on CRM.

Therefore, various attempts have been made in recent years to develop appropriate taxonomies for the CRM concept (see e.g. Buttle 2004; Payne and Frow 2005; Zablah et al. 2004). Due to the complexity of perspectives, this article resorts to the frequently used classification of Zablah et al. (2004) who distinguish five

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4According to Copeland et al. (1993), the DCF approach measures the value of a company by estimating the expected future cash flows, and then discounting those future cash flows with a risk adjusted interest rate.

5For an overview cf. e.g. Bush et al. (2006) or Harker and Egan (2006).
According to Schierholz et al. (2006, p. 1) mobile CRM (mCRM) is a subset of eCRM. Modern IT offers many possibilities for the functional enhancement of CRM systems. The enhancement of CRM systems is subject to constant change and that their scope and ability is modified by new functions and features. According to Hippner et al. (2007, p. 48) the central task of CRM systems consists in (1) the systematic consolidation and analysis of customer information, (2) the synchronization and support of the central operational CRM processes in marketing, sales, and service, and (3) the integration and management of all communication channels between customers and company. In studies by researchers and CRM software providers on the implementation of CRM systems – for an overview see e.g. Meyer and Kolbe (2005) – the numerous functions are distinguished with regard to three main areas: operational CRM, analytical CRM, and communicative (or collaborative) CRM (Teo et al. 2006, p. 1619). Besides these “classical” application areas and concerning the use of the Internet and mobile communication within CRM and the implementation of CRM in e-commerce and m-commerce, some authors recently proposed an additional classification – which is the electronic CRM (eCRM) (Xu and Walton 2005, p. 960 f.). Due to the lack of a consistent view on or understanding of eCRM in current literature, an explicit classification of eCRM systems is not provided in this article. Fig. 1 illustrates an example of a CRM system architecture and the classification of the functionalities.

OPERATIONAL CRM includes instruments and applications that support all business areas and their business processes which are in direct contact with customers (front office). The components contribute to IT support and to a large extent to the automation of customer-centric business processes and activities as well as to the integration of customer-oriented applications between front and back office (e.g. ERP or SCM systems), especially in the business areas marketing, sales, and customer service (Iriana and Buttle 2006, p. 23). Typical features of the operational CRM are the campaign, event, and complaint management as well as the sales force support.

Analytical CRM systems are focused on the systematic collection, evaluation, and analysis of all customer contacts and customer reactions including resulting customer-related information (Hippner et al. 2007, p. 49; Iriana and Buttle 2006, p. 28). Information about customers, products, and services are stored, for example, in a customer data warehouse to evaluate, forecast, and optimize customer relationships using analysis tools and techniques (e.g. OLAP and Data Mining). In the process of building a learning system (closed loop architecture) customer actions and reactions can be systematically evaluated. Thus, the customer-oriented business processes and the individual adjustment of the communication and service to the customers’ needs can be continually improved (Hippner et al. 2007, p. 49). Via building customer profiles and externalizing behavioral patterns the analytical CRM ensures the support of the strategic and tactical decision-making process (Buttle 2004, p. 10).

Communicative (or collaborative) CRM systems ensure the communication, the synchronization, and the management of individual communication and distribution channels (e.g. branch, Internet) between the company and the customer (Xu and Walton 2005, p. 961). Thus, the implementation of a multi-channel management by providing uniform and consistent information across all channels

<table>
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<tr>
<th>Perspective</th>
<th>Exemplary definition</th>
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<tr>
<td>Process</td>
<td>CRM as “… the overall process of building and maintaining profitable customer relationships by delivering superior customer value and satisfaction” (Kotler and Armstrong 2004, p. 16)</td>
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<tr>
<td>Strategy</td>
<td>CRM as “… a business strategy evolved to manage the development of a company, the acquisition and retention of its customers and to create long-term value between them” (Jackson 2005, p. 76)</td>
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<td>Philosophy</td>
<td>“CRM is not a discrete project – it is a business philosophy aimed at achieving customer centricity for the company” (Hasan 2003, p. 16)</td>
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<tr>
<td>Capability</td>
<td>CRM “… means being willing and able to change your behavior towards an individual customer based on what the customer tells you and what else you know about that customer” (Peppers et al. 1999, p. 151)</td>
</tr>
<tr>
<td>Technology</td>
<td>CRM as “… a technology-enabled business management tool for developing and leveraging customer knowledge to nurture, maintain, and strengthen profitable relationships” (Raman et al. 2006, p. 40)</td>
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can be ensured. The Customer Interaction Center (CIC) increasingly takes a central role as a multimedia communication interface. Furthermore, collaborative CRM systems ensure a company-wide and cross-company consistent CRM concept by the optimization across the entire value chain (Birker 2008, p. 193).

The coordination of the different types of functionality is crucial for the successful implementation of CRM systems. Thus, the communicative (or collaborative) CRM system is e.g. responsible for providing the results of the analysis and evaluations of the analytical CRM at the right time to the operational CRM via the appropriate channel of interaction. Apart from the alignment of the CRM systems with each other also the integration into the enterprise-wide ICS architecture is necessary to ensure a consistent and holistic view of the customer relationships and to establish a so-called “learning relationship” between the customer and the company (Peppers and Rogers 2001, p. 151).

4 The Interaction of the Triad of Marketing, Financial Management, and IT

Due to the increasing importance of CRM and the use of appropriate CRM systems, the establishment and maintenance of long-term customer relationships is central to many corporate activities (Richards and Jones 2008, p. 123). As the successful implementation of CRM requires marketing and IT to work closely together, CRM has developed into an important research field in the interface between marketing and BISE (Richard et al. 2007, p. 422; Wehmeyer 2005, p. 243). Meanwhile, however, not only issues regarding the integration of CRM systems into the existing ICS architecture are in the focus of interest. Furthermore, value-based management requires the development and enhancement of the ability to account for marketing’s contribution to firm performance, i.e. all activities and decision making within marketing have to be based on financial measures to understand the influence on shareholder value (Bauer et al. 2006, p. 17; Rao and Bharadwaj 2008, p. 16). This relevance is also illustrated by the fact that over the past years the internationally renowned Marketing Science Institute (MSI) has included the issue of “marketing productivity” and “marketing metrics” in the list of topics with the highest relevance (Marketing Science Institute 2006). However, only the advanced capabilities of IT have enabled the dynamics of “marketing metrics”. In particular, the spread of enterprise software applications in business (e.g. ERP and CRM systems) enables the high efficiency of information processing and evaluation necessary for “performance management” as well as the “monitoring that enables the use of alternative metrics” (Seggie et al. 2007, p. 836).

Therefore, within a value-based CRM – as a customer oriented specification of the principle of value-based management (Meyer and Schaffer 2003, p. 64) – an exclusive mutual alignment of marketing and IT is no longer sufficient, but requires the extension of the interface view
to the perspective of financial management.

In the following, we first describe the key aspects of a mutual alignment of marketing and IT in the context of a value-based CRM in order to further analyze the additional perspective of financial management to complete the triad.

4.1 Mutual Alignment of Marketing and IT

Already in the 1980s it was recognized that the use of IT may result in a fundamental redesign of value chains and improve organizational efficiency (Davenport and Short 1990; Porter 1987). Particularly the Internet and the implementation of enterprise software applications introduced a new period of innovation for the enterprise-wide application of IT. In addition, McAfee and Brynjolfsson (2008, p. 103) found out in an extensive study that “IT appears to be much more strongly correlated with the changes in the competitive dynamics than R&D does.” The controversial discussion about the actual contribution of IT to business performance (Anderson et al. 2006; Lim et al. 2004) is also reflected in the results of numerous studies on the implementation of CRM systems. Whereas on the one hand the failures of CRM projects have mainly been attributed to technological aspects (e.g. Fjermestad and Romano 2003), on the other hand a number of studies show that IT plays a substantial role in CRM implementation and that a positive link between the company’s investment in CRM systems and the performance of the CRM exists (e.g. Jayachandran et al. 2005; Reimartz et al. 2004). These results demonstrate that “IT/Business Alignment”, which has been investigated for a long time, also plays a central role for CRM. Applied to the CRM context, it follows that a close integration of the business model and customer-oriented business processes – and thus of marketing strategy and marketing processes – with the alignment of IT becomes necessary (Kale 2004, p. 46; Rigby et al. 2002).

However, the strategic and operational coordination within the CRM between the functional requirements of marketing and the technical capabilities of IT as well as the cooperation of these areas is often difficult due to different goals, different ways of thinking, and a different language. Therefore, in business practice companies first aligned their IT with the strategy and the processes as well as with the resulting goals and requirements of the CRM (Ting-Peng and Tanniru 2007, p. 10). CRM systems are particularly used for the provision of customized and aggregated data across all customers, for the multichannel management which implements the results of the company’s strategy and the value creation process into value-adding activities with customers, as well as for providing adequate support to customer-centric processes in all phases of the customer life cycle (Zablah et al. 2004, p. 479). Thus, a basis for increasing the efficiency of marketing is provided.

However, focusing just on the ability of IT to support strategy and processes bears the risk of not utilizing the full potential of innovative technologies (IT as an “enabler”) and thereby losing market shares to competitors (McAfee and Brynjolfsson 2008, p. 103). Thus, modern IT not only provides new interaction and communication channels (via the Internet and mobile communications), a personalized and context-related interaction with the customer, the creation of customized products and services, and new business models based on these (Goldenberg 2005, p. 20; Richard et al. 2007, p. 422). On top of that, a company-wide consistent modeling and support of business processes through IT also acts as a catalyst for innovative ideas as well as “an engine for delivering them” (McAfee and Brynjolfsson 2008, p. 103).

Therefore, it is crucial to analyze innovative IT developments in terms of their application to customer-oriented business strategies, goals, and processes and to adjust or re-define the latter and the underlying organizational structures. This alternating interdependence makes clear that IT and marketing resources can only contribute to a company’s success if a cross-functional integration and collaboration as well as an alignment with the business goals are achieved.

4.2 Extension by the Perspective of Financial Management

Apart from the central importance of the mutual interaction between marketing and IT for the CRM, financial management and its financial methods gain in importance within a value-based management (Rust et al. 2004a, p. 76). As part of the paradigm shift in corporate management it is necessary “to establish an effective method for measuring the success of CRM efforts in a way that supports management decision making” (Richards and Jones 2008, p. 120). This demand is intensified as “intangible assets”, such as the customer base, have become an increasingly important part of corporate value (Bauer et al. 2006, p. 231). In the 1980s and 1990s, some authors have therefore already claimed a better integration of marketing and financial management (Hyman and Mathur 2005). However, business practice shows that investments in customer relationships are still mostly based on intuition and experience of the management and are not planned in detail and assessed by financial performance measures as is done with other assets (Reinecke and Fuchs 2006, p. 797). The challenges of identifying and measuring the resulting business value contribution of CRM activities can particularly be attributed to the fact that customer relationships are “intangible assets” and investments in these are transformed into future cash flows only with delay and via complex cause-effect chains (Jain et al. 2007, p. 42; Rust et al. 2004a, p. 76). Since we usually find a lack of financial measures indicating how marketing activities contribute to corporate value, marketing budgets can easily fall victim to cuts, especially in times of crisis when short-term financial results need to be improved (Goldsmith 2004; Marshall 2007).

To support both a customer- and a value-based approach and in addition to traditional performance measures (e.g. sales volume, market share), further measures have been developed firstly, inter alia, to evaluate the effect of marketing activities on intermediate outcomes (e.g. customer satisfaction, customer loyalty), which in turn influence financial performance of the firm (for an overview cf. Gupta and Zeitham 2006). These measures at least close the “logical gap” between marketing activities and their financial priorities (Kim and Kim 2009, p. 479; O’Sullivan and Abela 2007, p. 80). Thus, for example Buhl et al. (2007) show how the impact of customer satisfaction on loyalty and ultimately on the company’s performance can be estimated. Complex cause-effect chains, however, lead to the fact that “often, the promised financial pay offs from improvements in

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Footnote: For a detailed explanation see e.g. Teubner (2006).
intermediate measures failed to appear” (Seggie et al. 2007, p. 836). At least Wiesel et al. (2008, p. 3) argue that “internally, nonfinancial measures provide managers with good indications of the reasons for change [...]”, which again benefits the firm’s performance.” However, to what extent these nonfinancial measures can actually be used to assess the economic value contribution or the “return on investment (ROI)” and distribute company resources to their maximum benefit, remains questionable (Rao and Bharadwaj 2008, p. 17; Richards and Jones 2008, p. 128).

This gain in knowledge has led to an increased discussion of the so-called “marketing metrics” (e.g. Gupta and Zeithaml 2006; Rust et al. 2004a, 2004b). Within these “marketing metrics”, customer valuation edges to the center of research as it links the two central issues: “customer relationships” and “financial accountability” (Kumar and George 2007; Richards and Jones 2008, p. 122). Recently, the concept of customer lifetime value (CLV), quantifying the value of a customer using the net present value method, which also forms the basis of SHV, has gained increasing importance among both academics and practitioners (Gupta et al. 2006, p. 139f; Sackmann et al. 2008, p. 28). It is defined by Dwyer (1997, p. 7) as “the present value of the expected benefits (e.g., gross margin) less the burdens (e.g., direct costs of servicing and communicating) from customers”. Unlike many other methods (such as the ABC analysis or scoring models), CLV enables a much more comprehensive approach by taking into account all cash flows across the entire lifecycle of a customer relationship. Therefore numerous CLV approaches can be found in literature considering different parameters for the calculation (Gupta et al. 2006). Apart from the key benefits of a future-oriented, long-term, and cashflow-oriented perspective, the practicality of the CLV suffers, however, from the uncertainty resulting from various factors that accompanies the estimation of future cash flows. Although the consideration of risk is crucial for a risk-averse decision maker – and this is particularly true with regard to the importance of risk in the current financial and economic crisis – an explicit distinction between a deterministic and stochastic world within the CLV approaches is rare (Buhl and Heinrich 2008, p. 2). Instead of measuring risk by the variance of the CLV, often only a lump-sum reduction of the expected cash flows, a risk-adjusted discount rate, or even the substitution of the discount rate through the theoretically established weighted average cost of capital (WACC) is used (Buhl and Heinrich 2008, p. 4; Kundisch et al. 2008, p. 2).

At least Blattberg and Deighton (1996) managed to break up the isolated and limited perspective on the individual customers by the CLV and allowed strategic decision makers to make corporate level pooling all customers in a portfolio, which they called customer equity (CE). This CE is defined by Rust et al. (2004b, p. 110) as “the total of the discounted lifetime values summed over all of the firm’s current and potential customers”. Hence, the CE reflects the value of all future cash flows expected from all customer relationships. However, through a simple aggregation of the CLVs of all customers the CE ignores the fact that the risk associated with one customer may be balanced by other, less risky customers, i.e. diversification effects are not taken into account. As a result of these findings regarding the consideration of risk-/return-aspects, a number of financial concepts (e.g. capital asset pricing model, portfolio theory, and real option approaches) have recently been transferred to customer portfolios (e.g. Buhl and Heinrich 2008; Haenlein et al. 2006; Hopkinson and Yu Lum 2002; Kundisch et al. 2008). Such “marketing metrics”, based on these approaches and thus taking a future-oriented, long-term, cashflow-oriented, and risk-adjusted perspective, allow for an identification and measurement of the economic value contribution and the ROI of marketing. Moreover, acquisition and selection strategies can be based on these measures, thus making a contribution to a value-based decision making within the context of CRM.

Against the background of the information and analysis methods required for these “marketing metrics”, however, the positive effect on firm performance of value-based CRM depends on the ability to appropriately integrate modern IT and align it to the corresponding processes (Seggie et al. 2007, p. 836). Only “the improvement in information technology and the availability of customer-level transaction data permits companies to perform detailed analyses instead of relying on aggregate survey-based measures” (Gupta and Lehmann 2006, p. 88). Regarding the so-called (value-based) customer information management, a particular challenge is to integrate CRM systems into the enterprise-wide ICS architecture so that information necessary for the “marketing metrics” is made available in a timely, accurate, and reliable way (Seggie et al. 2007, p. 836). An appropriate marketing performance measurement system, which for example uses a cockpit to display the most important “marketing metrics”, allows for a structuring and standardization of the company-wide, value-based planning and control process within marketing (Clark et al. 2006, p. 20) as well as for the strengthening of competitiveness as a result of company-wide and standardized processes (Mcafe and Brynjolfsson 2008, p. 103). Moreover, along with CRM systems even the capability of marketing to establish and maintain profitable and long-term customer relationships can be influenced positively (Richards and Jones 2008, p. 126).

Therefore, a selective and alternating collaboration within the triad of marketing, financial management, and IT is crucial for a value-based CRM and for the related objectives of a value-based planning and control of all CRM activities using standardized performance measures.

Based on the findings of this section, a definition of the value-based CRM can be proposed in more detail as follows: A value-based CRM aims to build and manage a portfolio of customer relationships that maximizes corporate value. This requires a comprehensive and value-based alignment of all corporate activities with the customers, coordinated and appropriate marketing, sales and service concepts as well as a selective use of modern information technology.

5 Summary and Outlook

It is widely agreed that customer relationships represent the most valuable assets to firm. Within the value-based management it is therefore crucial that customer relationships should be treated as a portfolio of assets or investments that need to be actively managed to maximize corporate value. Thus, companies not only need to produce, market, and sell high quality products and services, but they

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8For a detailed overview see e.g. Srivastava et al. (1997).

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also need to establish and maintain long-term and profitable customer relationships. A brief review of literature shows that CRM has developed into a major research focus besides management- and marketing-oriented issues, in particular within BISE. Although different perspectives regarding CRM exist, it is widely agreed that for the complex field of CRM only a holistic alignment of all corporate activities with the customer lead to the desired objectives. However, a limited focus on the mutual alignment of marketing and IT ("align" and "enable") is insufficient within a value-based management, that in particular requires an identification and management of the value contribution of CRM activities and decisions to the corporate value. Therefore, an integration of the additional perspective of financial management as well as the development of appropriate performance measures ("marketing metrics") are inevitable. In doing so, modern IT can consolidate and provide information, required for the determination of and the management control based upon these "marketing metrics" (e.g. Bruhn et al. 2008; Heiligenthal and Skiera 2007) and support the implementation of a company-wide and consistent performance measurement system.

Looking ahead CRM will remain an important field of research particularly due to technological innovations and the challenges of a value-based management for the internal and external value chain. Thus, it is already evident that e.g. with the recent developments in the context of Web 2.0 (e.g. Bächle 2008; Koch et al. 2007) a new dimension of "networking" is evolving, giving rise to an increased interaction with and integration of customers. Strategies known in the context of "social CRM" or "CRM 2.0" focus on this issue and particularly extend the classical interactions features using blogs, forums, and online social networks. Additionally, the analyzed mutual alignment of the triad of marketing, financial management, and IT gains in importance through the increasing virtualization of value-added networks (e.g. Buhl and Winter 2008; Fiedler and Gallenkamp 2008), the impact of sourcing decisions in the context of CRM (e.g. Meyer and Schumacher 2003), and issues concerning the key success factor of the measurement and management of data quality (e.g. Heinrich et al. 2009; Heinrich 2002). It thus reveals multiple possibilities for further research. Besides the discussed importance of the triad other important issues within CRM implementation projects such as socio-cultural issues regarding the "human factor" (e.g. staff qualifications, incentive systems), legal requirements (for data privacy) have to be taken in account (e.g. Knackstedt et al. 2006; Treiblmaier 2007). Overall, the theoretical conceptualization and review of CRM contains a labyrinth of different perspectives and issues of various disciplines, to which in particular BISE can provide a valuable contribution due to its interdisciplinary and application-oriented approaches.

References


Abstract

Martin S. Gneiser

Value-Based CRM

The Interaction of the Triad of Marketing, Financial Management, and IT

One major development within business practice is the increasing interest in customer relationship management (CRM) in recent years. CRM thereby focuses on establishing and maintaining profitable relationships with the customer using modern information technology (IT) and has emerged as a major research field in business and information systems engineering. However, despite huge investments many CRM projects fail to achieve their objectives as the complex and interdisciplinairy nature of CRM is not addressed adequately. In fact an adoption of a customer-centric orientation within a value-based management requires not only a cross-functional integration of different business departments but also a selectively adjusted collaboration of those departments. The paper provides an overview of the state of the art of CRM in literature as well as current practices in companies. Furthermore it outlines the specific challenges of a value-based CRM for the cross-functional integration and collaboration of marketing, financial management, and IT. Thus, in addition to a mutual alignment of marketing and IT, a value-based analysis, planning, and controlling of CRM-activities requires the development and implementation of standardization performance measurements and their adequate IT-support.

Keywords: CRM, CRM-systems, Value-based management