

Managing key business-to-business relationships: what marketing can learn from supply chain management

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Key Account Management (KAM) is a rapidly-growing area of interest in business-to-business marketing. However, unnoticed by marketing, a quiet revolution has taken place in Supply Chain Management (SCM), where the traditional focus on least-cost transactions has given way to a focus on long-term relationships with a few key suppliers. It is thus apparent that the two disciplines are converging. This paper uses a cross-disciplinary approach to explore whether these developments from the field of SCM provide insights into key business-to-business relationships. A detailed case study of a long-term relationship between a business-to-business services provider and a key customer in the construction industry suggests that there is a definable overlap. The supply chain model illuminates five important elements of the KAM relationship and offers a promising method for the evaluation of such relationships. As a result of the research, both supplier and customer companies implemented actions to improve and strengthen their important relationship.

INTRODUCTION

A central notion in Marketing is that its activities are directed towards establishing, developing and maintaining successful exchange relationships (Morgan & Hunt 1994; Fruchter and Sigué 2005). Within Marketing, the growing domain of key account management (KAM) examines major supply chain relationships, primarily from the supplier's perspective. A key account is a business-to-business customer identified by the supplier as being of strategic importance (McDonald, Millman and Rogers 1997). KAM relationships are those which are both important and complex, often involving customizing products or services and sometimes pricing and distribution methods (Cardozo, Shannon and Kenneth 1987; McDonald, Millman and Rogers 1997) in the interests of developing collaborative long-term relationships. Such relationships involve costs (investing in customization) and risks (customer and/or supplier power or dependence) that make value capture problematic.

The importance of key accounts was emphasized by a recent survey of 207 companies. 28 firms reported that their key accounts were responsible for more than 50% of sales, and 4 firms said that 80% or more of their sales were to key accounts (Gosman and Kelly 2002). A subsequent survey by the same authors found still greater dependence on key accounts and also found that the service demands of key customers were increasing (Gosman and Kelly 2002).

The growing importance of key accounts, and the issue of how the benefits from collaboration are to be realized by both parties, indicates that the management of key account relationships is a vital area for further study.

One lens through which researchers could view KAM relationships is that of SCM, a well-established field with a tradition of cross-disciplinary research (Baker 2004). Largely unnoticed by marketing, there have been substantial developments within SCM such as strategic procurement (Ryals and Rogers 2006) and marketing logistics (Christopher 2005), which impinge on relationship management. Supply chain relationships are now defined as long term relationships with a limited number of suppliers, on the basis of mutual confidence (Christopher 2005). At a time when many research constructs and best practices within marketing and SCM seem to be converging, especially in the area of business-to-business services, this paper addresses the important and timely research problem of how recent developments in SCM might inform KAM.

The aim of the current research is to provide insight into KAM relationships when viewed through a supply chain lens. The objectives are to examine KAM from a value exchange perspective and identify its key dimensions, to identify a supply chain model that could inform KAM thinking, and then to apply this model to a key interdependent dyadic customer-supplier relationship. The findings support the contention that SCM thinking informs KAM, identify areas for further research, and provide useful insights for key account managers.

CONCEPTUAL BACKGROUND

In this section, we explore the growing field of KAM and the recent developments in the longer-established field of SCM.

Key Account Management

Key Account Management is the study of long-term collaborative relationships between suppliers and buyers, rather than transactional sales-based approaches to customer management (Millman and Wilson 1995). Although some early research examined major business-to-business relationship types (Fiocca 1982; Dwyer, Schurr, and Oh 1987; Shapiro et al. 1987; Burnett 1992), KAM really emerged as a separate field of research in the early to mid 1990s amid discussion about whether larger customers were more profitable (Cooper and Kaplan 1991; Kalwani and Narayandas 1995). The ‘size versus value’ debate about the definition of a key account was widened by Millman and Wilson (1996) and McDonald, Millman, and Rogers (1997), who defined a key account as a customer of strategic importance to the supplier. Research shows that value capture in KAM is not automatic: powerful customers can choose to use their negotiating muscle to ‘negotiate away’ benefits from the supplier (Kalwani and Narayandas 1995), resulting in unprofitable customers. Yet evidence exists that long-term relationships with larger customers can pay off for suppliers as well as buyers (Kalwani and Narayandas 1995; Narayandas and Rangan 2004) even where power asymmetries are considerable (Narayandas and Rangan 2004).

The reasons why suppliers engage in KAM relationships relate to the longer-term benefits from collaboration. Suppliers benefit from higher revenues and faster growth rates (Bolen and Davis 1997), whilst customers benefit from having their objectives met, continuity, cooperation and faster response (Sengupta et al. 1997; Holmstrom 1998). Both sides benefit in the longer term from lower costs (Sengupta et

al. 1997; Byrnes 2002) and the longer-term performance of both parties is better (Galbreath 2002). Some key antecedents that have been identified as making these relationships work are trust, adaptability, and cooperation (Dyer 1997; Campbell 1997; Hausman 2001).

In many cases, the adoption of KAM practices by suppliers is driven by the demands of the customer as they rationalize their supplier base and increase their demands on their remaining suppliers (Boles and Johnston 1999; Homburg, Workman and Jensen 2002). As the capabilities of the remaining preferred suppliers develop, the incentives for customers to built long-term relationships with them increases (McDonald, Millman, and Rogers 1997). Because KAM relationships pay off, there is an incentive for suppliers to achieve preferred status and to manage their key accounts. How they can do this and some dimensions of KAM relationships will now be discussed.

Dimensions of KAM relationships

Previous research has identified many aspects of KAM relationships. Our objective in reviewing the existing literature is to establish some underlying salient dimensions which can be used as the basis for exploring KAM relationships. We are describing complex relationships in terms of general variables, so some interrelationships between the variables cannot be ruled out. We will return to this problem later in our discussion.

Value: Value creation and value capture are major dimensions of study in KAM relationships. The relatively high financial outcomes that characterize KAM relationships (higher revenues, growth and profitability) come about through supply chain efficiencies, lower costs to serve, learning curve effects, higher share of spend etc. (Kalwani and Narayandas 1995; Slywotsky 1995; Sengupta et al. 1997; Ryals, Bruce, and McDonald 2005). Galbreath (2002) cites evidence of the positive financial impact of long-term strategic partnerships and of efficiently-managed supply chains. However, poor management of the relationship on the part of the supplier can undermine value capture (Kalwani and Narayandas 1995; Reinartz and Kumar 2002).

Trust: An important underlying affective dimension of KAM relationships, particularly on the customer side, is trust. Trust leads to cost reduction (Sengupta et al. 1997) through process development and supply chain management (Byrnes 2002). Trust may also be an antecedent of investment in the relationship, another characteristic of KAM, which leads to process improvement and, hence, reliability and consistency (Holmstrom 1998). In turn, consistency is one of the characteristics of successful KAM relationships (Sengupta et al. 1997). Trust and consistency are also associated with customer retention (Kalwani and Narayandas 1995; Hausman 2001); and, for the supplier, a higher share of the customer's spend (Reichheld 1996). This indicates that trust is an interesting dynamic of a KAM relationship from which other benefits may flow. Sin et al (2002) explored trust as a component of relationship orientation and found it unrelated to business performance; yet trust is repeatedly cited by key customers as one of the most important elements in supplier selection (Woodburn and McDonald 2001).

Flexibility: A behavioral dimension of KAM relationships is flexibility and responsiveness to the customer. In the KAM context, this behavioral dimension can be witnessed in activities such as customization, consultancy, and complexity management (Campbell 1997; Sengupta et al. 1997; Neu and Brown 2005) plus process adaptation and investment in the relationship. Previous research indicates that successful KAM relationships demonstrate adaptability, cooperation and conflict management, social interaction, and the standardization of routine actions (Tikkanen and Alajoutsijarvi 2002). Flexibility is associated with faster response, which can benefit suppliers as well as customers: in recent research, suppliers noted faster results (faster implementation, for example) as benefits of their KAM relationships (Woodburn, Holt and McDonald 2004).

Relationship Stability: Another dimension of key relationships is duration (Hausman 2001). KAM relationships can exhibit considerable stability and duration, sometimes formalized into long-term contracts. Multiple contacts and shared systems and processes help the relationship to survive managerial changes (McDonald, Rogers and Woodburn 2002). High switching costs, which benefit the incumbent supplier, develop in successful relationships (Sengupta et al. 1997). Longer relationship duration may also be associated with reduced coercion and conflict (Hausman 2001) and with a growing share of the customer's spend (Woodburn, Holt, and McDonald 2004).

Communication: Communication is an important underlying dimension of KAM relationships (Hausman 2001; Sin et al. 2002). Communications in KAM

relationships differ from non-KAM in that they are characterized by multiple communications links (McDonald and Rogers 1998) between the two organizations. Better communication and more information may lead to improved forecasting, possibly through reduced uncertainty (Hausman 2001) and better problem solving. Other benefits of the extensive and close communications associated with KAM relationships include faster results because new initiatives can be implemented more quickly (Woodburn, Holt, and McDonald 2004). This leads to an acceleration in new business with a key account which results in a positive impact on cash flow. Moreover, opportunities can be identified faster and more effectively than in non-KAM relationships because of the closeness of the relationship and the large number of contacts between the two companies (Woodburn and McDonald 2001).

Although not an exhaustive review, this analysis helps to indicate that there are some important general characteristics of KAM relationships that differentiate them from non-KAM relationships. Yet the very characteristics that differentiate KAM relationships from non-KAM relationships are those that are typical of supply chain relationships. We will demonstrate this through a brief review of the literature relating to supply chain relationships.

The relational perspective of Supply Chain Management

SCM has been defined as an integrative, proactive approach (Matthyssens & van den Bulte 1994) to manage the total flow of a distribution channel to the ultimate customer: 'a well-balanced and well-practiced relay team' (Cooper & Ellram 1993). However, it has been recognized that a focus on process is insufficient to achieve success and that co-operation, trust and proper relationship management can achieve

results that are greater than the sum of the parts (Christopher 2005). Close long-term relationships between customers and suppliers have a beneficial impact on performance (Giannakis & Croom 2004). Customer and supplier commit to continuous improvement and shared benefits by exchanging information openly and resolve problems by working together (Sako et al. 1994).

Historically, SCM research has adopted a variety of different approaches to measure inter-organizational, operational, and inter-personal dynamics. Recently, Giannakis & Croom (2004) considered the *synthesis* of business resources and networks, the *synergy* between network actors and the *synchronization* of operational decisions. The International Marketing and Purchasing (IMP) Group studied the dyadic interaction of companies (Kern & Willcocks 2002); supply chain integration was considered by Fawcett & Magnan (2002); and networks of relationships by Harland et al (2001) and Kemppainen & Vepsalainen (2003). All suggest that the relationship management of supply chain relationships is complex and problematical, but focus on relationships from an operational perspective (time, cost, quality and processes) rather than from the relationship management perspective called for by, amongst others, Christopher (1998).

Relationships as spectrums of interactions

In response to calls for a relationship management perspective in SCM, Humphries and Wilding (2003; 2004) employed an interdisciplinary approach which integrated Supply Chain Management, Transaction Cost Economics and Relationship Marketing concepts to understand the dynamics within a large sample of highly interdependent supply chain dyadic relationships. They used a combination of

qualitative and quantitative methods to develop a model which enabled rich insights into SCM relationships. This model benefits from an interdisciplinary approach, the use of generalizable concepts that could be applied to KAM, and a relationship management perspective.

Humphries and Wilding (2003; 2004) used an adaptation of Williamson's (1975) Organizations Failure Framework, a descriptive rather than predictive representation, as their theoretical model to illustrate the relationship dynamics between highly collaborative businesses. Williamson's Failure Framework suggests that the increased costs and tensions of maintaining a close relationship between businesses may lead to higher management costs and 'bad behaviors' resulting in reversion to open market transactions. Utilizing the concept of a self-reinforcing feedback effect within collaborative relationships (Hambrick, et al. 2001, Lambert et al. 1996, Luo & Park 2004), Williamson's (1975) framework dimensions are shown in the negative and positive forms in Figure 1. These cycles represent the opposite ends of the spectrum that one might expect to encounter within a dyadic, interdependent supply chain relationship.

- Bring in Figure 1 -

The Humphries and Wilding model used SCM literature and academic and practitioner focus groups to identify five main dimensions of collaborative supply chain relationships. These are, together with their Cronbach's Alpha scores: Value (0.88), Reliability (0.76.), Creativity (0.80), Stability (0.77), and Communication (0.76). They thus demonstrated strong internal consistency in the original research.

The Humphries and Wilding model is particularly attractive in the current research context because of the apparent ‘fit’ between the KAM dimensions set out above and the key dimensions of SCM they identified.

Value: Supply chain value requires the development of win-win relationships which seek efficiency and stability, particularly when dealing with new technology development uncertainties (Tompkins 2000). Tensions between parties are balanced within a long-term, pragmatic working arrangement (Lamming 1993; Perks & Easton 2000). Trust, friendliness and other soft features of long term co-operative relationships do not guarantee greater understanding and satisfaction; in fact, the greater the dependence, the more important is measuring and monitoring performance (Harland 1995; 1996a; 1996c). The main obstacle to value enhancement seems to be motivating supply chain members and company staff by communicating a clear vision of the benefits to be achieved in an environment of great complexity and uncertainty (Harland 1996b; Boddy et al. 2000).

Reliability: Reliability within the Supply Chain requires a concentration on service and product delivery, reducing joint costs and risks, and building trust. The evolution of Lean Supply, with its emphasis on reliability, replaces traditional, wasteful, inefficient and adversarial contracting practices (Lamming 1993) and is the key to unlocking the goodwill in the interdependent relationship (Lamming et al. 2001), thus creating a frictionless flow of value-enhancing activities (Lamming 1993). The aim is to use ‘radical techniques’ to do things differently and to reduce waste (Lamming et al 2001). Lean Supply requires the management skills to analyze, frame, negotiate and manage contracts and relationships (Cox & Lamming 1997). Although

process efficiency is at the heart of reliability in the supply chain (Harland 1995), attitudinal reorientation and soft issues such as trust and commitment are essential to achieve the necessary step change (Lamming 1993).

Creativity: To enhance creativity within the supply chain it has been recognized for many years that a reduction in the number of suppliers is needed because maintaining close, intense relationships can be very expensive in management effort (Cavinato 1992; Langley & Holcomb 1992). The intention is to work more closely, effectively, and over the longer term (Scott & Westbrook 1991; Peck and Jüttner 2000) with those supply chain partners who have the most critical impact on the overall operation (Cooper et al. 1997). Deeper interorganizational alliances/partnerships that focus on the whole supply chain can evolve, rather than diluting each company's efforts through conflicting goals (Anscombe & Kearney 1994). In fact, Bechtel & Jayaram (1997) and Perks & Easton (2000) extend this concept further to suggest that SCM provides a business environment in which firms co-operate closely, rather than compete, to achieve mutual goals; and are incentivized to join in collaborative innovation (Harland 1996a). With fewer strategic partners, it is possible to share confidential demand information and to reduce uncertainty and therefore safety stocks, lowering costs and order cycle time (Cooper & Ellram 1993; Lamming 1993; Bechtel & Jayaram 1997). It is widely accepted that the financial benefits of SCM can outweigh the additional management costs by upwards of 20% (Christopher 2005).

Stability: Stability requires confidence building and the synchronization of objectives. Empirical evidence suggests that close long-term relationships between

customers and suppliers have a beneficial impact on performance. Customer and supplier commit to continuous improvement and shared benefits by exchanging information openly and resolve problems by working together (Sako et al. 1994). Lamming et al. (2001) propose that, by harnessing the unique capabilities of partnership, it is possible to create a shield from system-level forces. Partnership is a complex concept whose success depends upon duration to build trust (Sako et al. 1994). When mistrust is entrenched, a shift from adversarial to co-operative relationship styles is extremely difficult.

Communication: Effective communication (frequent, open dialogue and information sharing) is essential to supply chain success. In many cases, even where the need to co-operate is recognized, tensions over the need to retain control over costs, intellectual property rights and price remain (Cox & Lamming 1997). Better communication often entails joint pooling/sharing of risk. However, risk management is not commonly found within the skill sets of the purchasing people who usually manage business-to-business supply chain relationships (Lamming et al. 2001). Moreover, there are companies who view SCM as process management in their dealing with suppliers rather than as an exercise in relationship management. Policy is thereby separated from practice. Thus, conflict can occur where the customer unilaterally requires the supplier to reveal sensitive data. This can result in 'information impactedness', risk-hedging by providing distorted or corrupt information (Humphries & Wilding 2004). Extensive, open, honest communication is a vital dimension not only because it acts as the oil to lubricate the working of the partnering process, but it also supplies the feedback that sustains and improves the relationship.

Having examined the literature in the fields of KAM and SCM to identify the distinguishing relationship dimensions, we conclude that the SCM model developed by Humphries & Wilding may give useful insights if applied to a KAM relationship. The theoretical framework and the research methodology in the following section describe how this model was applied to a key interdependent customer-supplier relationship.

METHODOLOGY

The research approach was dyadic and the methodology was qualitative, using semi-structured interviews based on an adaptation of the Humphries and Wilding tool to the KAM context.

Dyadic research approach

The growing focus on business-to-business relationship management increasingly requires research at the dyadic level, in which the unit of analysis is the interface between a customer and a supplier. Dyadic research is difficult because it requires deep access to both sides of a relationship, uses substantial researcher time and is sensitive in terms of the data revealed. However, dyadic research is a methodology that can provide important insights into the detailed functioning of a business-to-business relationship. Both KAM and SCM suffer from this lack of dyadic research (Christopher 1997, Cooper et al. 1997).

Exploring KAM using the SCM Dimensions

Humphries and Wilding developed a qualitative (semi-structured interview) data collection instrument, which was translated into the KAM context by academic experts for this research. Then, the instrument was validated both by a focus group of KAM practitioners drawn from four international blue chip companies and by a panel of academics. Minor changes to the language, but not to the meaning, of the open semi-structured interview questions were made at both stages.

Unit of analysis

The dyadic unit of analysis was the relationship between 2 large civil engineering companies: the customer (C) which designs, delivers and supports infrastructure from local technical services to international landmark projects; and the supplier (S) which specializes in planning, design and management services on projects worldwide. This relationship was selected for analysis because of its size, importance to both parties, duration, relationship type, and because there was a shared discussion about how the relationship could be improved and a willingness to explore key issues on both sides. The annual value of their relationship was approximately \$100m. The relationship was of the interdependent¹ type (McDonald, Rogers and Woodburn 2000) and had been at this stage for just under four years. This relationship was very important to both parties, but was not exclusive. However, it was complex and multi-level. Both parties wanted to put the relationship on a new footing. They had built up considerable experience of working together but wanted to enact

relationship management practices that would allow them to bid jointly for new international contracts.

Research participants and protocol

The research took a cross-sectional perspective of the relationship dyad using respondents from different levels and roles drawn from both companies in order to make a statement about the outcomes of broadly comparable experiences. We used an expert sample approach to the identification of research participants in which we asked the companies to choose those staff who were knowledgeable about the relationship; that is, in frequent, detailed contact with the other company and in post for at least 6 months. We collected data from 15 respondents from each company, using an interviewer and a separate analyst.

The research protocol used semi-structured interviews employing the following prompts to give some structure to the discussions:

Creativity – promoting quality, innovation, flexibility, opportunity-seeking problem-solving, a long-term approach and encouraging high performance

Success: What factors stimulate the achievement of creativity in the relationship?

Failure: What factors prevent the achievement of creativity in the relationship?

Stability – strategic understanding, synchronisation of objectives, investment in relationship-building assets eg. people, infrastructure, IT, training

Success: What factors provide a stable business framework in this relationship?

¹ Interdependent relationships are long-term, stable relationships where the seller is the preferred supplier to a key customer, and that customer regards the supplier as a strategic external resource (McDonald, Rogers and Woodburn 2000).

Failure: What factors inhibit a stable business framework in this relationship?

Communication – promoting high quality, open, frequent, trustworthy information sharing

Success: Describe areas where the communications in this relationship are good.

Failure: Describe areas where communications in this relationship are poor.

Reliability – establishing and managing reliable, adaptable, continuously improving service and product delivery, lowering joint costs

Success: What factors support the effectiveness and efficiency of operational outputs?

Failure: What factors impede the effectiveness and efficiency of operational outputs?

Value – incentivizing joint working and a win-win relationship, sharing benefits, commitment to investment and business development

Success: Why do you feel this relationship is valuable to you?

Failure: What factors specifically undermine the value of the relationship?

Data collection and analysis

160 key quotations – short, direct statements that made telling points - were selected by the researchers, stored in a database and organized for analysis by theoretical dimension and relationship. The content was analyzed in two stages by the researchers working independently. The inter-judge reliability was evaluated using a percentage of agreement measure (Zimmer and Golden 1988) and amendments were discussed and agreed.

Next, each of the 160 quotations was carefully examined and ‘tagged’ according to the KAM dimensions described in the literature review. Considerable effort was made to ensure that, where more than one aspect was present in a

quotation, it was categorized primarily in the dominant dimension, i.e. where the strength of feeling was greatest. Nevertheless, applying multiple ‘tags’ to each quotation where necessary provided the opportunity in the analysis to examine subsidiary nuances of meaning. We also took careful account of the language used, to ensure that strength of feeling as well as frequency of remark types was noted. We observed the level of seniority of the initiators of each quotation. Finally, to test the completeness of the dimensions, the quotations were reviewed across all the dimensions to see whether there were any additional issues or themes that emerged. The results provide a detailed description of each of the five dimensions and enable the identification of some research propositions. Cross-analysis of the results across the dimensions, set out in the discussion section, enabled the generation of further research propositions.

Special attention was devoted to providing feedback to the research participants (individual anonymity was always preserved rigorously) by means of a detailed report, presentation and feedback session following the completion of the research. The production of independent, frank relationship information was highly valued by both companies where a number of internal and joint actions have targeted the issues raised.

RESULTS

In this section we examine the research results by KAM dimension and identify research propositions. The descriptive statistics for this exercise are shown in

Table 1, where the quotations are additionally categorized as by the supplier, by the customer, and positive or critical about the relationship. Some quotations related to more than one dimension, so that the totals sum to more than 160.

- Bring in Table 1 -

Table 1 shows that the topic of trust generated the most discussion, followed by communication. Flexibility was the least discussed dimension. Generally, both parties spoke positively about value exchange and relationship stability, although both parties were relatively critical about trust and communication. The supplier thought more about flexibility, but the customer was considerably more vociferous than the supplier on the subject of communication within the relationship.

Further analysis of the results and comparison with the literature enabled an identification of detailed aspects of each dimension. For each dimension, we show the detailed aspects, the number of mentions of each aspect, whether they were made by the supplier or the customer side, and whether they were positive or negative in tone. In addition, we provide illustrative quotations from the extensive data set to explicate key points. For each quotation, we indicate whether it originated from the supplier firm (S) or the customer firm (C).

Value Exchange

Table 2 analyses the various aspects of value exchange.

- Bring in Table 2 -

Responses around value exchange focused on satisfaction / relationship quality. The overall balance of comments concerning satisfaction / relationship quality was similar although attitudes were mixed, perhaps because of the important role of interpersonal dynamics:

“...the quality of the corporate relationship depends very much on the quality and commitment of the individuals concerned. One bad apple can easily undo the outcome...” (C)

The supplier respondents exhibited greater concern about power balance:

“On previous projects we have worked well as a team... however, there is still an element of being a sub-contractor rather than a true partner” (S)

. Although throughout we used non-value-laden open interview questions to prompt respondents, an unexpected outcome of this approach when exploring value exchange was the almost complete dearth of discussion about the financial aspects of the relationship. Although our sample did not include any Finance managers, it did include a Commercial manager and two senior directors who would presumably all be interested in the financial outcomes. It is likely that the financial value of the relationship was assumed; certainly, the relationship attracted considerable high-level commitment on both sides. Thus, our first research proposition:

Proposition 1: In close KAM relationships, positive financial value creation is assumed. In these circumstances, value exchange is viewed in terms of satisfaction, relationship quality, and power balance.

Interestingly, high-level commitment to the relationship was not always reflected at the operational managerial level. There was a distinct ‘gradient’ in this relationship. The commitment to the relationship of the top people in both organizations hadn’t always filtered down to the people on the ground:

“There was definitely a spark; especially amongst the higher levels...it was much less so, lower down” (S)

“There is a genuine... desire to develop the relationship, but this doesn’t necessarily permeate throughout the whole of the organization” (C)

Trust and Reliability

Trust concerns were the most frequently-mentioned and strongly voiced issues in this KAM relationship. The findings on trust led us to redefine this dimension as ‘trust and reliability’ because so many of the comments concerned reliability, dependability, consistency and keeping promises (Table 3).

- Bring in Table 3 -

Process issues and matters relating to project and supply chain management received the main attention here, often in negative terms:

“The lack of a single project management system meant a lot of time and money was spent unnecessarily and it might have caused project delays and firefighting” (S)

Thus, we have:

Proposition 2: Trust and reliability in KAM relationships is positively related to process development and risk reduction. High levels of trust and reliability result in lower costs, increased co-operation, and greater speed of results.

Several other aspects of trust and reliability were mentioned. The balance of comments tended towards the negative, interesting in such a close relationship, although both sides agreed in commenting generally favorably on risk reduction:

“There was nervousness rather than lack of trust. I always have to remember that, however good the relationship, one day the tiger may turn and bite my hand off.”
(S)

An additional aspect, missing skills, was raised, although this seemed to be specific to a particular concern that had arisen recently in this relationship following the departure of a key individual.

Flexibility

With the exception of geographical advantage and with the addition of team working, the flexibility dimension was well supported overall by clear and intense respondent sentiments (Table 4).

- Bring in Table 4 -

The supplier was particularly positive about flexibility, indicating that it saw itself as highly flexible. The customer responses were more equally balanced between positive and negative. It was the supplier that took the lead in developing closer ties:

“Everyone is keen to work together on the next job, having learned previous lessons” (S)

“... we worked well together, with a free flow of ideas between the parties”
(S)

Thus:

Proposition 3: The supplier in a KAM relationship will feel the need to be more flexible and more proactive than the customer will.

An interesting finding relating to flexibility was that sometimes one side did not feel appreciated for what it did. Moreover, it was possible to be *too* fast in anticipating customer needs:

“They are sometimes too helpful in trying to anticipate our needs without talking things through. Delays have been caused” (C)

Relationship stability

The notion of relationship stability surfaced a number of issues (Table 5). There were a series of comments about the long-term relationship which were, without exception, positive on both sides.

- Bring in Table 5 -

Overall, the customer side expressed considerably stronger positive comments about relationship stability, suggesting differential benefits from this dimension of the relationship; thus:

Proposition 4: Customers in a close KAM relationship benefit more from relationship stability than suppliers in such relationships do.

However, respondents expressed some major concerns about risk in the relationship. Risk here related to possible ‘relationship breakers’, as opposed to the psychological risks identified under the Trust and Reliability dimension. The customer’s view was that the supplier’s internal program and budget management were not good:

“The way we jointly handle risk has changed... this is still a difficult issue and subject to continuing debate over burden-sharing, but we are making progress” (C)

In turn, the supplier blamed the customer for making changes to projects that entailed more work and hence program and budget problems.

Communication

There were far more negative than positive comments about communication, particularly from customer side respondents, perhaps surprising in this close relationship (Table 6).

- Bring in Table 6 -

It is possible that the very closeness of the relationship made the trust and communications issues more visible:

“We had to provide status information throughout but received very little back” (S)

“We could not agree a shared web-based system to handle data. The resultant information system was cumbersome, caused delays, things got lost, were incomplete, lacked tracking and lacked feedback” (C)

Notably, the customer viewed internal communications within the supplier, rather than communications between the two firms, as a major problem. The customer stated that problems had been caused by the supplier’s failure to co-ordinate its different departments and teams:

“We have a criticism of poor communication between their design teams, which are spread over four different locations” (C)

Whilst previous research has stressed the multiple interorganizational communications links characteristic of KAM (McDonald and Rogers 1998; Hausman 2001; Woodburn and McDonald 2001), little attention has been paid to intraorganizational communication issues. In KAM relationships, the customer is so close to the supplier that failure to co-ordinate internal communications will be noticed by the customer and may impact on the relationship.

Thus, we have:

Proposition 5: The better the intrafirm communication within the two parties to a KAM relationship, the higher the perceived (interfirm) relationship success.

Within this overall proposition, we note that a possible explanation for the differential communication that we observed is a differential level of commitment to the relationship:

“There is definitely a difference between the appreciation shown by managers, and the lower levels (where the perception was you’re there to serve them and you do what they tell you to do – you are not a partner)” (S)

“The management teams have bought into the culture change but it has not been communicated down effectively” (C):

Thus:

Proposition 6a: Senior managers have higher degrees of commitment to KAM relationships than do managers at operational organizational levels.

Proposition 6b: Operational level managers exhibit greater suspicion and more traditional attitudes towards the KAM relationship than more senior managers do.

DISCUSSION

The results of the research have implications for theory and for the practice of KAM. The implications for theory relate to the application of a supply chain model to KAM, the identification and testing of KAM relationship dimensions, and the generation of research propositions for further research in this area. The implications of our research for key account managers relate to the analysis and management of the KAM relationship.

Implications for Theory

A contribution of our research is to confirm the overlap between SCM and KAM and to demonstrate the extent of that overlap. Table 7 illustrates the extent of the overlap, showing the supply chain dimensions and their aspects identified by Humphries and Wilding and the KAM dimensions and aspects identified by the current research.

- Bring in Table 7 -

By establishing a linkage between the supply chain relationship dimensions and those of KAM, this research has provided new insights into the dynamics of KAM relationships and their management. Our work suggests some dimensions that may be of importance to both customers and suppliers in making such relationships work; although the clarification of these dimensions, their interrelationships and their complexity require further study.

A cross-dimensional analysis of the results produced two interrelated themes: risk; and benefits, from the relationship.

Risk was discussed in the context of both Trust and Reliability, and of Relationship Stability, and was a recurring undercurrent across the dimensions. Some concerns about loss of control were expressed. Yet, controls were deliberately relaxed in this relationship to enable the relationship to function more effectively. The results were more efficient, but over-budget, joint operations. Thus, an additional set of research propositions relate to risk:

Proposition 7a: The interdependence in KAM relationships exposes each party to additional risk caused by changes within the partner company.

Within the overall category of risk, the cross-dimension analysis enabled us to identify some specific issues. The relationship studied here is particularly interesting because it had become strained. This enabled us to observe that the control and management of communication, in particular, suffered as the relationship worsened:

Proposition 7b: Increased strain in a relationship results in poorer interfirm communication.

Overruns of cost or time were mentioned in the context of Trust and Reliability, Flexibility, Relationship Stability and Communication. Interestingly, cost overruns seemed to place more strain on the relationship than time overruns did. Time overruns caused irritation, but cost overruns caused major problems:

“When costs increased significantly, this put great pressure on the relationship process.” (C)

Thus:

Proposition 7c: Cost overruns are more damaging to KAM relationships than time overruns are.

The cross-dimensional contexts in which respondents discussed risk were frequently related to issues about the benefits of the relationship. The link between trust and business performance is unproven (Sin et al. 2002) but there may be an association between trust, risk and control. Both sides talked about new “hard, back-to-back” ways that had developed within the relationship to handle risk, and the importance of positive management of benefits:

“The benefits of our relationship diminished because they were not managed.” (C)

This leads us to propose three benefit management and risk mitigation propositions:

Proposition 8a: Benefits sharing arrangements between the two parties to a KAM relationship reduce the risks involved to both parties.

Proposition 8b: Benefits sharing agreements help align the objectives of the two parties to a KAM relationship.

Proposition 8c: Benefits sharing agreements increase the benefits of a KAM relationship to both parties.

Implications for Key Account Managers

In this case study, the research tool was used to support relationship managers in a substantial customer/supplier relationship and, when the results were presented to representatives of both the companies in a workshop session, they provided positive feedback characterized by the following quotations:

“The assessment exercise made us consider aspects of the supplier’s position from his viewpoint.” (C)

“The process gave us a clear perspective of how to manage (or not!) a highly complex relationship. In the past we have just concentrated on detailed project objectives.” (S)

Both firms indicated that they intended to repeat the research process in the future to see how their relationship management was developing.

There have subsequently been substantial developments in the participating companies that illustrate the usefulness of this tool to key account managers in a business-to-business service industry setting. The supplier was able to use the research to justify retaining and even strengthening its KAM program in the face of skepticism from a new senior manager, thus defending the relationship against short-term pressures. The customer discovered that its different divisions had different approaches to their relationship with this key supplier and has initiated a program to draw these together throughout the company. A director has been given the responsibility of coordinating the relationship. Further, the customer has engaged in further research to explore whether it should itself adopt KAM.

Our research has several implications for practitioners. Firstly, relationship management (beyond traditional project management) is important if the potential value in the relationship is to be realized. Secondly, relationships can be improved through a formal evaluation. Third, trust and reliability is the most important issue in interdependent KAM relationships, and the key account manager should focus on process development and supply chain issues in particular to help develop trust between the two parties. Fourth, communication is a vitally important role that the key account manager can take on, not just between but also within his or her firm. The closer the KAM relationship, the more likely it is that the client will notice shortcomings in internal communications within its key suppliers. Fifth, effective KAM requires not only high-level support, but also operational buy-in from people lower down the organization. Finally, risk and benefits need positive management

within the relationship, perhaps involving processes such as joint planning and the alignment of objectives to enable both sides to capture value from a relationship.

CONCLUSIONS

This paper is the first to explore the increasing overlap between KAM and supply chain management along some key relational dimensions. Value exchange, trust and reliability, flexibility, relationship stability and communication are descriptors of both business-to-business supply chain relationships and key account management.

However, the results must be viewed in the context of a single business services relationship where the customer did not have an established KAM structure. It is recognized that, in a single case, there is a danger that extraneous influences may impact on collection and interpretation of the data. Although there appeared to be support for the dimension mapping approach taken, further testing is needed to refine it. For example, the KAM dimensions identified may not be exhaustive. Moreover, the dimensions were treated as discrete and independent. Clearly, KAM relationships are complex, and the characterization using five separate variables may be an oversimplification. Further research is required to explore whether the dimensions are independent or related variables. Nevertheless, the research has demonstrated both theoretical and managerial contributions in the important field of relationship management.

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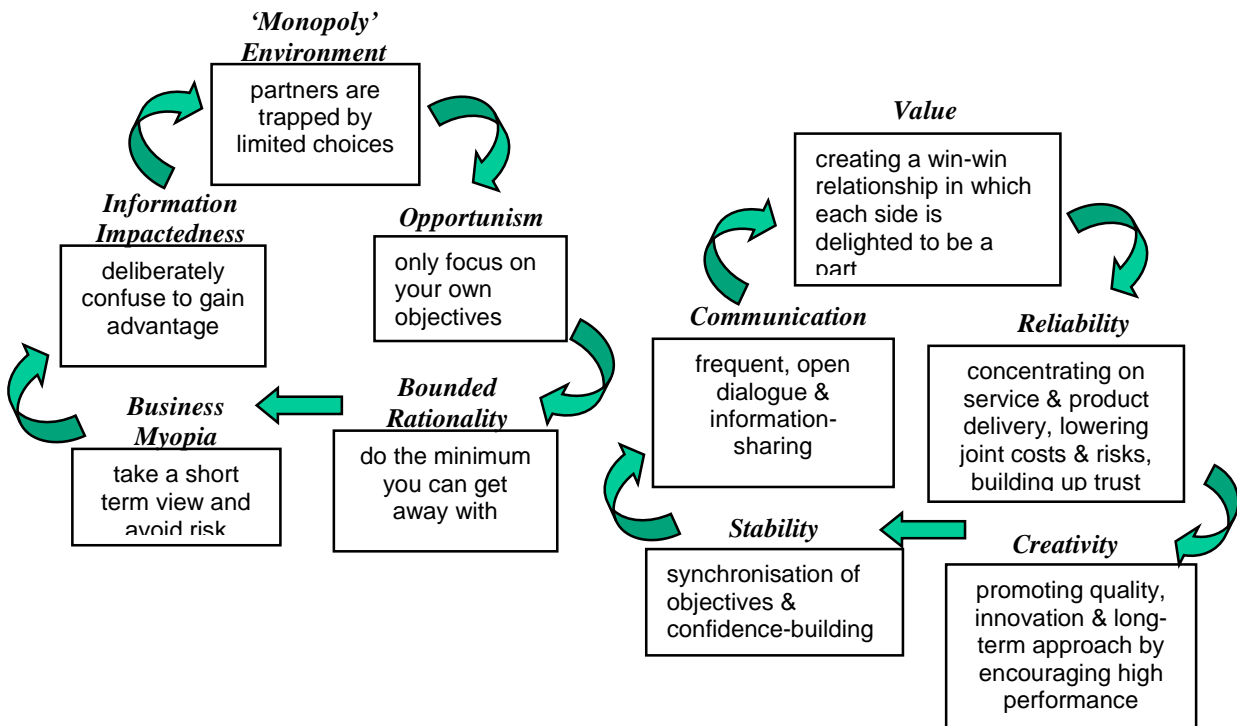


Figure 1. Dyadic Relationship Success & Failure Cycles.

Source: Humphries and Wilding, 2004

Table 1**Descriptive statistics**

| Dimension | Number of quotes | Customer firm quotes | | Supplier firm quotes | |
|------------------------|-------------------------|-----------------------------|------------|-----------------------------|------------|
| | | +ve | -ve | +ve | -ve |
| Value Exchange | 33 | 8 | 4 | 11 | 10 |
| Trust and reliability | 57 | 13 | 16 | 10 | 18 |
| Flexibility | 29 | 5 | 5 | 17 | 2 |
| Relationship stability | 35 | 13 | 6 | 10 | 6 |
| Communication | 46 | 10 | 23 | 4 | 9 |
| TOTAL | 200 | 49 | 54 | 52 | 45 |

Table 2
Value exchange

| Aspect | No of quotes | Customer firm | | Supplier firm | |
|-------------------------------------|--------------|---------------|----------|---------------|-----------|
| | | +ve | -ve | +ve | -ve |
| Revenues | 1 | 1 | - | - | - |
| Growth | - | - | - | - | - |
| Profitability | - | - | - | - | - |
| Satisfaction / relationship quality | 20 | 6 | 3 | 7 | 4 |
| Power balance | 10 | 1 | 1 | 3 | 5 |
| Consultancy | - | - | - | - | - |
| Other: Continuity in relationship | 2 | - | - | 1 | 1 |
| TOTAL | 33 | 8 | 4 | 11 | 10 |

Table 3
Trust and reliability

| Aspect | No of quotes | Customer firm | | Supplier firm | |
|-------------------------------------------------|--------------|---------------|-----------|---------------|-----------|
| | | +ve | -ve | +ve | -ve |
| Process development and supply chain management | 16 | 3 | 6 | - | 7 |
| Lower costs | 9 | 1 | 3 | 1 | 4 |
| Increased co-operation | 9 | 4 | 1 | 2 | 2 |
| Risk reduction | 10 | 3 | - | 5 | 2 |
| Increased share of customer spend | 2 | - | - | 1 | 1 |
| Speed of results | 6 | 2 | 2 | 1 | 1 |
| Other: Missing Skills | 5 | - | 4 | - | 1 |
| TOTAL | 57 | 13 | 16 | 10 | 18 |

Table 4
Flexibility

| Aspect | No of quotes | Customer firm | | Supplier firm | |
|-----------------------------------|--------------|---------------|----------|---------------|----------|
| | | +ve | -ve | +ve | -ve |
| Faster response | 4 | - | 2 | 2 | - |
| Adaptability | 8 | 2 | 2 | 3 | 1 |
| Performance | 3 | - | 1 | 2 | - |
| Shared expertise | 6 | - | - | 5 | 1 |
| Geographical advantage | 0 | | | | |
| Customization | 3 | 3 | - | - | - |
| Other: Working together as a team | 5 | - | - | 5 | - |
| TOTAL | 29 | 5 | 5 | 17 | 2 |

Table 5
Relationship stability

| Aspect | No of quotes | Customer firm | | Supplier firm | |
|-------------------------------------|--------------|---------------|----------|---------------|----------|
| | | +ve | -ve | +ve | -ve |
| Reduced risk | 6 | 2 | 1 | 1 | 2 |
| Consistency | 3 | 2 | - | - | 1 |
| Reduced coercion | 2 | 1 | 1 | - | - |
| Reduced conflict | 5 | 3 | 1 | - | 1 |
| Long-term relationship | 9 | 6 | - | 3 | - |
| Share of spend | 3 | 1 | - | 1 | 1 |
| Other: Joint planning and alignment | 2 | 1 | - | 1 | - |
| Other: Sharing of responsibility | 5 | 2 | 2 | - | 1 |
| TOTAL | 35 | 18 | 5 | 6 | 6 |

Table 6
Communication

| Aspect | No of quotes | Customer firm | | Supplier firm | |
|--------------------------------|--------------|---------------|-----------|---------------|----------|
| | | +ve | -ve | +ve | -ve |
| Risk reduction | 4 | 2 | 2 | - | - |
| Co-operation and co-ordination | 10 | 2 | 5 | 1 | 2 |
| Predictability | 7 | - | 6 | 1 | - |
| Forecasting | 3 | - | 3 | - | - |
| Lower costs | 5 | 1 | 3 | - | 1 |
| Faster results | 8 | 4 | 4 | - | - |
| Other: Internal communications | 6 | - | 4 | - | 2 |
| Other: Open and honest culture | 3 | 2 | - | - | 1 |
| TOTAL | 46 | 11 | 27 | 2 | 6 |

Table 7
Mapping the overlap between Supply Chain and KAM relationship dimensions

| Supply chain perspective | Aspects | KAM perspective | Aspects |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Value | Creating a win-win relationship in which each side is delighted to be a part and where highly rewarding gains are equally shared | Value exchange | Higher revenues; faster growth; profitability; Satisfaction with the relationship; value created despite power imbalances; consultancy |
| Reliability | Concentrating on product and service delivery, lowering joint costs and risks, building up trust | Trust and reliability | Process development and SCM; Lower costs; Increased co-operation; risk reduction; increased share of customer spend; speed of results |
| Creativity | Promoting quality, innovation and long-term approach by encouraging high performance | Flexibility and responsiveness | Faster response; Adaptability to uncertainty; performance; shared expertise; customization; team working |
| Stability | Synchronisation of objectives and confidence-building measures such as joint investment and harmonised processes | Relationship stability | Reduced risk and coercion; reduced conflict; consistency; long term relationship; increased share of spend; joint planning; organizational alignment; sharing responsibility |
| Communication | Frequent, open dialogue, information-sharing and objective, joint performance measures | Communication | Risk reduction; co-operation and co-ordination; predictability leads to better forecasting and lower procurement and stock costs; faster results; internal communications; openness |