

**Corporate branding's influence on front-line employee and consumer value co-creation
in UK household consumer markets**

Keith Glanfield

Aston Business School, Aston University, Birmingham, UK

K.Glanfield2@aston.ac.uk

Anna-Lena Ackfeldt

Aston Business School, Aston University, Birmingham, UK

A.Ackfeldt@aston.ac.uk

T C Melewar

Middlesex Business School, Middlesex University, Hendon, UK

T.C.Melewar@mdx.ac.uk

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Abstract

General Managers' are presented with an extensive opportunity to innovate and gain market advantage from front-line employees (FLEs) and consumers working together to exchange services and co-create value. To do this General Managers need to understand more about what influences the content and quality of FLE and consumer service exchanges? What predisposes FLEs to commit to service exchange and value co-creation? And what organisational phenomena can General Managers use to influence this predisposition? This paper presents results from an empirical research study of FLEs employed by a firm that provides installation, servicing and emergency services to domestic households across the UK. The study reveals the importance of the firm's corporate brand in its influence upon FLE's sense of membership and attachment to a firm (organisational identity) and the consequent effect of this on their pre-disposition for service exchange (organisational commitment), i.e. whether FLEs want to remain in their role because they feel they ought to, want to or they have too much to lose by leaving.

Keywords: corporate brand associations, organisational identity, organisational commitment, service exchange, value co-creation, S-D Logic

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1. Introduction

Firms who serve consumer markets, to a greater or lesser degree, have to balance managing the operational delivery of both products and services to consumers (Shostack, 1977). Some offerings hold a very large service component, e.g. servicing of household central heating systems. Others less so, e.g. the manufacture and sale of fast moving consumer goods (FMCG). Both examples, however, contain a form of service, even if this service is simply the interaction between a consumer and front-line employee (FLE) at point of sale e.g. purchase of a FMCG product at a supermarket check-out (Heskett et al., 1997). This important contact between FLEs and customers is referred to as a service encounter, and implies consumers passively consume a service provided by a FLE (Bitner et al., 1994). As service encounters influence customer satisfaction and loyalty (Evanschitzky et al., 2012), and impact a firm's profitability and growth (Homburg et al., 2009), it is important General Managers create an appropriate environment for the effective delivery of services.

This becomes even more important if service encounters are considered more than just one-way transactions, but an opportunity for FLEs and customers to exchange services and work together to co-create value (Vargo and Lusch, 2008). For example, turning the act of servicing a central heating system into a warm and cosy home for the consumer by a service engineer working with a house holder to set up their heating system to fit their daily routine. According to Service-Dominant Logic (S-D Logic), service is the fundamental basis of exchange for all firms and value is co-created by multiple social actors, which always includes a beneficiary who uniquely determines value (Lusch and Vargo, 2014). Actors, i.e. FLEs and customers, participate in the creation and offering of value by exchanging services

(Chandler and Lusch, 2015). Again, this is contingent on General Managers creating an appropriate services environment. That is, a service environment that encourages service exchange and value co-creation (Chandler and Vargo, 2011).

S-D Logic encourages General Managers to think differently about their firms: as a place where value is co-created through a system of service exchanges, especially those that occur between FLEs and consumers (Greer et al, 2016). This change in emphasis offers General Managers an opportunity to innovate and gain market advantage through service exchange and value co-creation. For example, to use a simple household central heating service as an opportunity for the customer and engineer to talk through household energy usage and make a plan to reduce energy costs. However, to realise this potential, General Managers must address three potential gaps in their knowledge. First, what influences the content and quality of FLE and customer service exchanges? Second, what predisposes FLEs to commit to service exchange and value co-creation? Third, what organisational phenomena can General Managers use to influence this predisposition?

2. Literature review

2.1 What influences the content and quality of FLEs actor-to-actor service exchanges?

FLEs stay in their role, or commit to a course of action or objective, i.e. goals, programs and projects, because they either feel they ought to (normative commitment), want to (affective commitment), or feel they have too much to lose (continuance commitment) by severing the connection (Meyer and Allen, 1997). Meyer (2013) proposes these reasons for an FLE staying in their role, organisational commitment, as the primary influencer of the content and quality of FLE actor-to-actor exchanges in a multi-stakeholder environment. Of importance is affective commitment, followed by normative commitment (Meyer, 2013).

2.2 What predisposes FLEs to commit to service exchange and value co-creation?

When at work, FLEs consider themselves not just as individuals but also as members of multiple social groups within the firm, e.g. a work team, a division, the firm or the firm's parent owner (Cornelissen et al., 2007; Homburg et al., 2011). This membership defines "who they are" at work in terms of the strength of attachment they have to specific groups, termed social identity (Tajfel and Turner, 1979), and, in particular, their attachment to the firm itself, termed organisational identity. This psychological attachment to the firm and its sub groupings is a pre-requisite for the retention of organisational commitment (Meyer et al., 2006).

2.3 What organisational phenomena can General Managers use to influence this predisposition?

When working, on a day-to-day basis, FLEs are not constantly thinking about which groups they are members of and how strong their attachment to each is. To make this membership salient, they need reminders of their group membership from their working environment in the form of signal and cues (Turner et al., 1994). FLEs are daily surrounded by the firm's corporate brand (Brodie et al., 2009; Preece and Kerrigan, 2015), and interact with customers as members of the firm's brand community (Merz et al., 2009). Consequently, FLEs develop associations for the brand (Anderson and Bower, 1973) concerning "*who are we as an organisation?*" and "*what do others think of the organisation?*" (Brown et al., 2006 p. 102). These organisational and construed brand associations are likely to influence the organisational identity held by FLEs for both their host and parent organisations.

2.4 Hypothesis development

In reviewing the relevant literature, this study proposes three hypotheses to address the central theme of the paper: corporate branding's influence on FLE and consumer service exchange and value co-creation:

Hypothesis 1: FLEs' organisational identification with the host and parent organisations positively influence their affective, normative and continuous commitment.

Hypothesis 2: FLEs' organisational and construed brand associations positively influence their organisational identification with the host and parent organisation.

Hypothesis 3: FLEs' parent organisational identification positively influences FLEs' host organisational identification.

The hypotheses combine to form the study's conceptual model, see Figure 1.

“Insert Figure 1 about here”

3 Method

3.1 Research design

For this study, we used structural equation modelling (SEM) to assess the relationships between both forms of FLE brand associations and their respective host and parent organisational identification. Along with the relationships between both forms of identification and FLE affective, normative and continuous commitment (see Figure 1).

3.2 Population and sample

Data was collected from FLEs in a large firm that provides installation, servicing and emergency services to domestic households across the UK. The firm directly competes with three distinct competitor groupings. Local small firms, who often compete on price. Regional firms, who have the capability to compete based on service exchange and value co-creation but, often, do not. National competitors, who have nationally established brands and, because of scale, find it difficult to create a consistent environment for FLEs to co-create value with consumers. Value co-creation, through FLE and consumer service exchanges, is, therefore, increasingly of importance to the subject firm. In this sector, technology, to an extent, provides a foundation on which FLEs and consumers are able to exchange services. It provides, for example, information on system efficiency and usage habits. However, this information is only of use if FLEs and consumers work through it together to identify potential problems and to co-create a solution. Hence, the importance of this research study.

260 FLEs in 20 work teams received a survey packet containing a cover letter from the research explaining the study and a self-completion questionnaire. The cover letter provided information about how to complete the survey, and explained that there were no right or wrong answer to the statements. Assurances were also made that respondents would remain anonymous. Thus, we designed the cover letter to control for common method bias (Podsakoff et al., 2003). To further reduce common method bias, the study's conceptual framework was not disclosed to respondents. Out of the 260 distributed survey packets, 145 usable questionnaires were returned, thus yielding an effective response rate of 56%.

3.3 Measurement

We used established measures from the marketing and organisation behaviour literature to measure the multi-item constructs in our study. All the constructs were measured on a 7-point Likert-type scale, anchored by 1 = “strongly disagree” and 7 = “strongly agree”.

The six items measuring FLE construed brand associations and organisational brand associations were adapted from Yoo et al.’s (2000) brand equity items used to measure a brands perceived quality. The subject term of each of the scales six items were changed to read “*Customers consider*” for construed brand associations and “*I consider*” for organisational brand associations. FLEs organisational identification with their host and parent organisation were measured by Mael and Ashforth’s (1992) six-item scale that is commonly used in the social sciences. We used Allen and Meyer’s (1990) scales to measure affective, normative and continuous commitment.

4 Data analysis

SEM is a method of multivariate data analysis (Diamantopoulos and Siguaw, 2000). The authors used co-variance SEM, because it is concerned with incrementally developing existing theory (Hair et al., 2010), to test the structure of the study’s variables (confirmatory factor analysis) and to test estimate the statistical relationships between them (structural model) (Chin, 1998).

5 Results

5.1 Demographics of respondents

The descriptive analysis reveals that all respondents are FLEs with tenure from four years and under to up to over 25 years continuous service. 70.5% of respondents are male and 29.5%

female, with ages ranging from below 20 years of age to 50+. See Table 1 for respondent demographics.

“Insert Table 1 about here”

5.2 Statistical testing prior to measurement model estimation

Before estimating the study’s measurement model, the data was first successfully tested for non-response bias (Armstrong and Overton, 1977) and common method variance (Podsakoff et al., 2003) using the insertion of a surrogate measure into the measurement model (Lindell and Whitney, 2001).

5.3 Measurement model

5.3.1 Content validity. A confirmatory factor analysis was conducted using LISREL (Jöreskog and Sörbom, 1996) to assess the construct validity of the study’s measurement scales (Hair et al., 2010). Table 2 shows the finalised items of the measurement model load highly and significantly onto the respective constructs these were designed to measure, thus, establishing content validity.

5.3.2 Measurement model estimation. The results of estimating the study’s measurement model indicated a very good fit between it and the empirical data:

$$\chi^2 (384) = 553.25, p=.00; CFI =.97; RMSEA=.06.$$

Results exceed the thresholds set for Comparative Fit Index (CFI, >.92) and Root Means Square Error of Approximation (RMSEA, < .08) of a study with > 250 respondents and < 30 measurement items (Hair et al., 2010).

“Insert Table 2 about here”

Average variances extracted ranged from .51 to .93 (see Table 2) indicating scale reliability (Holmes-Smith, 2001). Composite reliability ranged from .81 to .93, exceeding the cut-off value of 0.70 (Steenkamp and van Trijp, 1991). Finally, the requirements for discriminant validity were also satisfied, see Table 3 (Fornell and Larcker, 1981).

“Insert Table 3 about here”

5.4 Structural model

5.4.1 Goodness-of-fit. LISREL (version 8.80), using maximum-likelihood estimation, was used to test the theoretical model. The goodness-of-fit measures indicated that the hypothesised model was a very good representation of the empirical data (Hair et al, 2010):

$$\chi^2 (393) = 584.42, p=0.00; CFI=.97; RMSEA=0.58$$

Reported results exceeded the recognised threshold for both CFI (.92) and RMSEA (< .08) in a study with > 250 respondents and < 30 measurement items (Hair et al., 2010).

5.4.2 Hypotheses testing. The study findings partly support Hypothesis 1, as both forms of organisational identification influence normative commitment, while individually they

differed in their influence on affective and continuous commitment (See β_{14} , β_{24} , β_{25} and β_{35} for H1 in Table 4). The influence of host organisational identification on affective and normative commitment is an important finding (β_{14} , β_{24}).

Hypothesis 2 is partially supported by finding FLEs' construed and organisational brand associations only influence FLE organisational identification with the host organisation (See γ_{41} , γ_{42} for H2 in Table 4).

Finally, Hypothesis 3 is supported as organisational identification at the parent level positively influences the host organisation positively (See β_{45} for H3 in Table 4).

“Insert Table 4 about here”

6. Findings, implications for General Managers and further research

The findings of this study hold two sets of implications for General Managers.

6.1 The potential to influence FLE service exchange and value creation through corporate branding

In practice, no matter whether it be super-market check-out staff or engineers who service central heating systems, FLEs interact with customers and all do so representing their employer's brand. This research indicates that not only do FLEs hold their own set of brand associations, it also demonstrates the power of day-to-day FLE and customer interaction in the forming of FLE's brand knowledge from a customer's perspective. FLEs, in construing the brand equity of customers, is a form of FLE and customer service exchange and co-creation. In order to be effective, it relies on FLEs and customers receiving consistent, rather than different and possibly conflicting, messages about a firm's brand. This research suggests

that if General Managers manage their corporate brand in a consistent and holistic manner, instead of separating out internal and external brand messaging, it is much more likely for FLEs to develop a strong organisational identity and bond with the firm.

This means General Managers should ensure their firm's brand clearly communicates the purpose of the firm, what the firm stands for and what makes it unique and distinctive. Using the brand as a means of bringing together the firm's stakeholders, around a common purpose, to solve problems and issues by co-creating solutions. Along with communicating the benefits and potential possibilities of consumers and FLEs coming together, for mutual benefit, to share information and experiences.

6.2 The importance of identification and commitment

Managers, in managing groups of FLEs, at times likely observe some FLEs work well with customers in service exchanges, while others do not put in the effort needed to do this effectively. A simple example is some service engineers, when servicing heating systems, work with customers to tailor system settings to the habits of the household and some do not. Those who do not can often be characterised by managers as exhibiting "poor" behaviour and not "living the values" of the brand.

This research indicates FLEs do not solely consider themselves, purely, as individuals. The groups they consider they are members of i.e. the firm itself, its corporate parent, a division of the firm or a work team, influences their sense of who they are at work. General Managers can support their front-line manager's by helping them understand the importance of FLE group affiliation, how the brand can help to strengthen social identity with particular groups and what this means for their sense of commitment to service exchange and co-creation.

This means a front-line manager understanding which group an FLE associates with the most enables them to re-inforce to an FLE how membership of that group, and what it stands for, supports working with consumers to co-create value. For example, if the firm's brand is considered as distinctive, holding cache and status, this can be deployed by managers to heighten the self-esteem of FLEs and remind them of the prestige consumers associate with the firm and its brand. In doing so encouraging FLEs to share with consumers the prestige they associate with being a member of the firm and, by sharing and exchanging experiences, working with consumers for mutual value and benefit.

A strong sense of attachment with the firm, organisational identity, or a particular group within it, social identity, is important given its influence on FLE organisational commitment. Front-line managers would, no doubt, rather have FLEs who want to be service engineers in the firm (affective commitment), or feel that they ought to be (normative commitment) rather than those who feel they have to be because they have too much to lose by leaving (continuous commitment). Especially as the two former forms of commitment, particularly affective commitment, positively influence FLE's positive pre-disposition for service exchange and co-creation with consumers. General Managers, by providing advice and guidance on how to understand FLEs commitment profiles, how they can be influenced via the firm's brand and what they mean for service exchange would assist front-line managers to move beyond making simplistic judgments about FLE service performance. Increasing the likelihood of effective FLE and customer service exchange and co-creation, whilst reducing the risk of service failure.

6.3 Limitations and further research

It is important to view the quantitative research findings of this study in the light of its limitations. The sample was from a UK-based domestic service organisation. This may not

necessarily restrict, in broad terms, the study's generalizability to other service organisations, but it may restrict the generalizability of specific findings more widely. Given this, the research would benefit from further replication studies in other organisations and countries.

The authors recognise, however, that the study would benefit significantly from a complementary inductive qualitative study, which could help in understanding the broader phenomena that influence the social identities held by FLEs, and the spectrum and nature of their social identities. This would enable the authors to develop a deeper understanding of the individual applicability of specific FLE identities for service exchange and value co-creation.

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Figure 1. Conceptual model

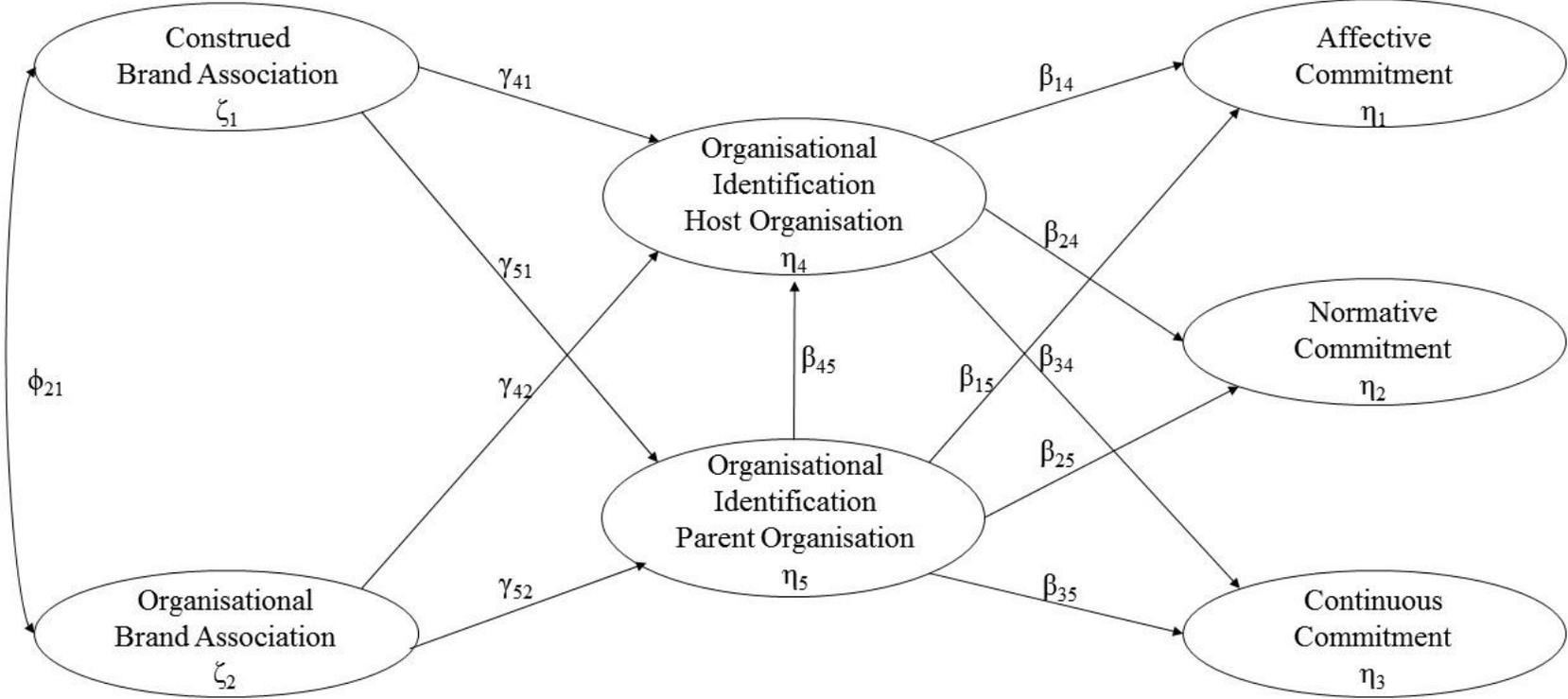


Table 1. Demographic information

S/N	Items	Frequency	Percentage
1	Gender		
	Male	103	70.1
	Female	43	29.3
2	Age		
	Under 20	3	2.2
	21-30	35	26.1
	31-40	44	32.8
	41-50	36	26.9
	Over 50	16	11.9
3	Tenure		
	0-4 years	31	21.4
	5-9 years	42	29.0
	10-14 years	26	17.9
	15-24 years	27	18.6
	25+ years	19	13.1

Table 2. Measurement model results

Variable	Item	Factor loading	AVE	CR
Affective Commitment	AC1	0.65	0.69	0.93
	AC4	0.79		
	AC5	0.88		
	AC6	0.92		
	AC7	0.87		
	AC8	0.83		
Normative commitment	NC1	0.47	0.52	0.81
	NC2	0.72		
	NC3	0.76		
	NC4	0.88		
	NC5	0.75		
	NC6	0.62		
Continuance commitment	CC1	0.56	0.51	0.86
	CC3	0.79		
	CC4	0.85		
	CC5	0.64		
Organisational identification: Host	OIH1	0.75	0.62	0.89
	OIH2	0.82		
	OIH3	0.74		
	OIH4	0.81		
	OIH5	0.81		
Organisational identification: Parent	OIP1	0.95	0.68	0.86
	OIP2	0.83		
	OIP6	0.67		
Construed brand associations	CBA1	0.94	0.88	0.96
	CBA2	0.97		
	CBA3	0.91		
Organisational brand associations	OBA1	0.83	0.82	0.93
	OBA2	0.96		
	OBA3	0.91		

Note: AVE= Average Variance Extracted; CR=Composite Reliability

Table 3. Means, Standard Deviation, AVE, Inter-Correlations and Squared Correlations

	Means	SD	1.	2.	3.	4.	5.	6.	7.
1. Affective Commitment	4.35	1.55	.69	.00	.40	.57	.06	.17	.30
2. Continuance Commitment	4.96	1.51	.04	.52	.04	.01	.04	.00	.00
3. Normative Commitment	3.62	1.31	.63	.21	.51	.23	.18	.07	.14
4. Organisational Identification, Host	4.57	1.39	.75	.11	.48	.62	.12	.24	.36
5. Organisational Identification, Parent	2.28	1.27	.24	.20	.43	.34	.68	.00	.00
6. Construed Brand Association	5.75	1.03	.42	.07	.27	.49	.05	.88	.46
7. Organisational Brand Associations	5.49	1.19	.54	.03	.38	.60	.06	.68	.82

Notes: N=145; AVE on the diagonal in bold; inter-correlations below the diagonal and squared correlations above the diagonal

Table 4. Summary of structural model and hypothesis testing

Hypothesis	Structural model relationship	Standardised estimate	t-value	Relationship supported
H1	Host organisational identification → Affective commitment (β_{14})	0.79***	8.05	Yes
H1	Host organisational identification → Continuance commitment (β_{24})	0.04	0.41	No
H1	Host organisational identification → Normative commitment (β_{34})	0.27***	3.90	Yes
H1	Parent organisational identification → Affective commitment (β_{15})	0.03	0.24	No
H1	Parent organisational identification → Continuance commitment (β_{25})	0.19*	1.85	Yes
H1	Parent organisational identification → Normative commitment (β_{35})	0.27**	2.87	No
H2	Construed brand associations → Host organisational identification (γ_{41})	0.15*	1.66	Yes
H2	Construed brand associations → Parent organisational identification (γ_{51})	0.01	0.07	No
H2	Organisational brand associations → Host organisational identification (γ_{42})	0.50***	4.68	Yes
H2	Organisational brand associations → Parent organisational identification (γ_{52})	0.06	0.46	No
H3	Parent organisational identification → Host organisational identification (β_{45})	0.31***	4.10	Yes

Note: 1-tailed t-test, * Significant at .05 level; ** Significant at .01 level; *** Significant at .0001 level