

# Chapter 31

## Digital Entrepreneurship in a Traditional Production Firm: A Longitudinal Case Study

**Martin Hannibal**

*University of Southern Denmark, Denmark*

**Erik S. Rasmussen**

*University of Southern Denmark, Denmark*

### ABSTRACT

*Through a longitudinal case study this paper explores the repercussions from introducing a mobile commerce platform as just another instrument in the marketing toolbox in a traditional sales-oriented firm. Findings suggest that the implementation of the M-platform in addition to its intended purpose spawns a digital business model that allows the company to change its relations to distributors, retailers and customers enabling access to direct communication with end-users. However, the emerging new business model has the potential to change the organization entirely. This paper argues that although the emerging business model was indeed a success seen from a sales-, marketing-, innovative-, and relational perspective, it was perceived as a disaster from an organizational perspective. Consequently, top management abandoned the new platform. The paper highlights the importance of not underestimating resistance in an organization when implementing a new marketing instrument such as M-commerce platforms.*

### INTRODUCTION

Since the early 1970s, many authors have predicted a future acceleration of change in the environments of organizations (Toffler, 1971). As a consequence, organizational change or the willingness to change has become an intrinsic good to most companies (Christensen, 2002). In relation to this, authors have frequently argued that innovativeness, proactiveness, and competitive aggressiveness have become key ingredients to firm survival and success (Wang, 2008). Other authors have observed this imperative or story being acted upon by managers and leaders of organizations (J.G. March, 1995). Consequently, employees often act or are forced to act upon this story – true or not – of being embedded in a turbulent

DOI: 10.4018/978-1-5225-1913-3.ch031

environment; markets and technologies are changing at an increasing tempo, a context that need to be addressed via innovativeness, proactivity, and competitive aggressiveness (James G. March, 2006). One strategy which has been applied frequently by management to tackle these dilemmas generated by a turbulent environment is to employ new communication technologies on an organizational level in order to increase the ability to monitor activities, accelerate information flows, and facilitate new ways of collaboration across space and time (Sambamurthy, Bharadwaj, & Grover, 2003). This process is also seen as an alley to generate a supportive environment and greater participation by the employees (Kiesler & Sproull, 1992). Accordingly, incentive regimes aiming to nurture already existing creativeness, innovativeness, and entrepreneurial behaviour amongst employees are often exercised in concurrency to implementing new communication technologies to support the intended increase in organizational responsiveness and flexibility (Lau et al., 2006).

M-commerce technologies have proved an alluring marketing tool to companies that strive for a close(r) contact to a large number of customers, sales staff, and dealers. As they did with E-commerce, organizations have embraced M-commerce platforms in anticipation of improved customer relations and increases in sales etc. (Frolick & Chen, 2004). In many cases, these expectations have been fulfilled. Nevertheless, it has been observed that unwanted and unintended effects spanning from a counterintuitive tendency to increased work pressure (Sproull & Kiesler, 1992) to erroneous outcomes and work processes (Koppel et al., 2005) follows in the wake of a new communication technology's launch. Also, authors have reported more tacitly embedded complications such as organizational ambiguity stemming from both intended and unintended repercussions when new communication technologies are implemented in an existing organization (Levina & Orlikowski, 2009).

Building on these concurrent tendencies, this paper contributes to extant studies by addressing the seldom studied case of entrepreneurial failure (Shepherd, 2003). More specifically, the paper focuses on a case in which entrepreneurial behaviour has been disregarded, casting the entrepreneurs as the villains of the organization. This stands in stark contrast to how entrepreneurs are commonly viewed as heroic individuals. The case study explores an implementing process of new communication technology: an M-commerce marketing tool. We illustrate how aspirations by the general management of a production firm to remain competitive by expanding the monitoring capabilities of end-customers via an M-commerce tool led to a clash between the extant organizational ethos (Merton, 1968) and the managers responsible for the M-commerce platform. Through our case study, we argue that the ambiguity surrounding the M-platform's implementation process led to dramatic discrepancies compared to the established ethos in the firm that embraced adaptive behaviour and "good salesmanship". In turn, this led to a principled discredit of the entrepreneurial or proactive behaviour displayed by the M-platform's managers. This culminated in the shutdown of the M-platform. From this, we argue that managers should consider new communication technologies in a broad perspective involving a duality of scope and role (Orlikowski, 1992). The scope of a technology is described through what comprises the technology. However, this paper contributes to existing research by providing further insights into the role of new communication technologies. Thus, the paper contributes to the insight into the complex and – in this case – profound social processes involved in adopting new (communication) technologies in existing firms. This follows the indication from authors (Doherty & Doig, 2003) who suggest that the role played by technologies is to be considered the more important issue when adopting them. This role describes the interaction between technology and organization (Levina & Orlikowski, 2009) which can be seen as part of the organizational sensemaking (Weick, 1995).

18 more pages are available in the full version of this document, which may be purchased using the "Add to Cart" button on the publisher's webpage:

[www.igi-global.com/chapter/digital-entrepreneurship-in-a-traditional-production-firm/177595](http://www.igi-global.com/chapter/digital-entrepreneurship-in-a-traditional-production-firm/177595)

## Related Content

---

### Advocating Entrepreneurship Education and Knowledge Management in Global Business

Kijpokin Kasemsap (2017). *Organizational Culture and Behavior: Concepts, Methodologies, Tools, and Applications* (pp. 1702-1730).

[www.irma-international.org/chapter/advocating-entrepreneurship-education-and-knowledge-management-in-global-business/177648](http://www.irma-international.org/chapter/advocating-entrepreneurship-education-and-knowledge-management-in-global-business/177648)

### Golden Medals: The Impact of Individual Social Responsibility on Sports Corporate Reputation

Veronica Baenaand Marina Mattera (2021). *Research Anthology on Business Strategies, Health Factors, and Ethical Implications in Sports and eSports* (pp. 1-17).

[www.irma-international.org/chapter/golden-medals/270718](http://www.irma-international.org/chapter/golden-medals/270718)

### Corporate Sustainability in Bogotanian Small and Medium Enterprises: An Analysis of the Economic Dimension

Nelson Diaz-Caceresand Carlos Salcedo-Perez (2018). *Handbook of Research on Intrapreneurship and Organizational Sustainability in SMEs* (pp. 121-139).

[www.irma-international.org/chapter/corporate-sustainability-in-bogotanian-small-and-medium-enterprises/202618](http://www.irma-international.org/chapter/corporate-sustainability-in-bogotanian-small-and-medium-enterprises/202618)

### Organizational Environmental Sustainability Business Model in Green Technology Innovation

José G. Vargas-Hernandez, Omar C. Vargas-Gonzálezand Carlos Rodríguez-Maillard (2023). *Journal of Business Ecosystems* (pp. 1-16).

[www.irma-international.org/article/organizational-environmental-sustainability-business-model-in-green-technology-innovation/320483](http://www.irma-international.org/article/organizational-environmental-sustainability-business-model-in-green-technology-innovation/320483)

### Entrepreneurial Ecosystem Research: Bibliometric Mapping of the Domain

Hannes Velt, Lasse Torkkeliand Igor Laine (2020). *Journal of Business Ecosystems* (pp. 43-83).

[www.irma-international.org/article/entrepreneurial-ecosystem-research/259927](http://www.irma-international.org/article/entrepreneurial-ecosystem-research/259927)