

# 互動式玩具廠商國際行銷策略之研究

許建隆、陳正強

E-mail: 9701155@mail.dyu.edu.tw

## 摘要

本研究的目的即在探討有效的供應鏈管理實務，並有效識別在互動式玩具供應鏈中，理論與實務的差異。所採用的研究方法，係針對互動式玩具廠商作問卷調查統計，並對具有代表性的互動式玩具廠商作質化的半結構性深入訪談。本研究發現了互動式玩具產業供應鏈的特色，其中涵蓋了零售商與製造商的供應鏈管理(Supply Chain Management, SCM)實務。並發現目前大部分的互動式玩具零售商與製造商皆很少利用先進的高科技(例如在其供應鏈中應用射頻識別技術(RFID)與資訊分享平臺(Information Sharing Platform)機制，且其在執行目前供應鏈的步調宛如牛步。本研究根據研究問題，就1.互動式玩具廠商對問卷調查量表的認同度；2.互動式玩具廠商之成功關鍵模式；3.台北、香港與廣州兩岸三地之互動式玩具廠商，對問卷的認同度是否會存在顯著差異，總共三個問題所歸納的業者質化訪談，比對量化問卷調查結果的推論，發現其與量化問卷調查的結果之間的一致性相當高，並且發現本研究八大構面可透過因素分析之資料濃縮技術，精簡成競爭策略構面與整合式策略構面，可作為互動式玩具業者擬定國際行銷策略的重要參考指標，從而確認本研究實証結果的推論。

關鍵詞：供應鏈管理；互動式玩具；波動性；季節性；經濟變遷

## 目錄

內容目錄 中文摘要 . . . . .	iii 英文摘要 . . . . .
iv 誌謝辭 . . . . .	v 內容目錄 . . . . .
vi 表目錄 . . . . .	viii 圖目錄 . . . . .
ix 第一章 緒論 . . . . .	1 第一節 研究背景與動機 . . . . .
1 第二節 研究目的與問題 . . . . .	2 第三節 研究範圍 . . . . .
4 第四節 研究限制 . . . . .	5 第五節 名詞解釋 . . . . .
5 第六節 研究流程 . . . . .	9 第二章 文獻探討 . . . . .
10 第一節 產業競爭五力分析與衍生性策略分析 . . . . .	10 第二節 互動式玩具
產業的整體大環境因素 . . . . .	14 第三節 國際行銷組合策略 . . . . .
玩具廠商國際行銷之探討 . . . . .	15 第四節 互動式
互動式玩具廠商產業供應鏈 . . . . .	21 第六節 互
22 第七節 廠商對顧客的需求預測機制 . . . . .	24 第八節
成功打造全球整合型企業 . . . . .	28 第九節 垂直分工與水平分工 . . . . .
第十一節 產品生命週期 . . . . .	31 第十
33 第三章 研究方法 . . . . .	37 第一節 研究架構 . . . . .
37 第二節 研究假設 . . . . .	38 第三節 樣本與資料蒐集 . . . . .
39 第四節 效度與信度之分析 . . . . .	40 第五節 資料分析方法 . . . . .
57 第四章 結果與討論 . . . . .	59 第一節 樣本資料分析 . . . . .
59 第二節 互動式玩具廠商對問卷調查量表	59 第三節 互動式玩具廠商之潛在性綜合
認同度之反應情形 . . . . .	64 第四節 兩岸三地之互動式玩具廠商
因素結構之間相關性 . . . . .	67 第五節 業者質化訪談 . . . . .
對各構面之差異化分析 . . . . .	68 第六節 研究結果 . . . . .
68 第五章 結論與建議 . . . . .	71 第五章 結論與建議 . . . . .
73 第一節 結論 . . . . .	73 第二節 建議 . . . . .
76 第三節 後續研究之建議 . . . . .	76 第三節 後續研究之建議 . . . . .
79 附錄A 「互動式玩具廠商國際行銷策略」問卷調查前測量表 . . . . .	79 附錄A 「互動式玩具廠商國際行銷策略」問卷調查前測量表 . . . . .
92 附錄B 互動式玩具廠商業者訪談內容紀錄 . . . . .	92 附錄B 互動式玩具廠商業者訪談內容紀錄 . . . . .
100 統計分析 . . . . .	97 附錄C 問卷資料

## 參考文獻

一、中文部分  
入江豬太郎(1988)，五大學派思想在國際貿易和對外投資理論不同:多國籍企業之新動向，第四屆多國籍企業國際學術研討會論文集，14，56-78。  
吳以忠(2007)，行動商務解決方案，微軟企業經營研討會。  
周宣光(2007)，以資訊獲得競爭趨勢，微軟企業經營

研討會。林清山(2000),心理與教育統計學,臺北:東華出版社。林寶儀(2007),全球運籌系統,微軟企業經營研討會。林彩梅,齊藤(1982),產品生命週期(PLC),台灣經濟研究月刊,20(1),86-96。林彩梅(1994),多國籍企業論(4版),台北:五南出版公司。林彩梅(1999),日本MNE「企業內貿易效果」策略與產業國際競爭力,第七屆多國籍企業國際學術研討會論文集,25,47-67。林彩梅(1992),企業內貿易與中華民國產業結構高度化,收於中華民國多國籍企業研究學會編,第五屆多國籍企業國際學術研討會論文集,台北:私立中國文化大學,921-941。金少康(2007),行動商務解決方案,微軟企業經營研討會。胡健蘭(2007),互動式玩具,互動式玩具產業研討會。高大偉(2007),商業智慧解決方案,微軟企業經營研討會。崔思康(2007),行動商務解決方案,微軟企業經營研討會。張振魁(2007),流通業行銷應用方案分享,微軟企業經營研討會。張良漢(2002),休閒運動參與動機、身體活動態度、休閒運動阻礙及滿意度之相關研究,國立師大師苑學報,38。黃盈彰(2007),CRM系統協助整合分析客戶需求,創造企業更大的價值[線上資料],來源:[http://app.digitimes.com.tw/print.aspx?zNotesDocId=0000037714\\_A2I8X966PL2U3BX3LTGMA](http://app.digitimes.com.tw/print.aspx?zNotesDocId=0000037714_A2I8X966PL2U3BX3LTGMA) [2007/01/11]。陳秘順(2007),流通業未來趨勢,微軟企業經營研討會。陳明璋(1981),企業環境、策略、結構對其組織效能關係之研究-機械、電子、石化三種產業之實證探討,國立政治大學企業管理學系未出版博士論文。陳啟申(2006),ERP廠商須專注化才可能拔得行業頭籌,2006中國製造業ERP產業發展年度報告。陳建州(2004),電子零組件通路商未來發展策略之個案研究,國立政治大學經營管理學未出版碩士論文。陳珮馨(2007),微軟企業經營研討會。童至祥(2007),全球企業運籌系統,IBM論壇。葉傳普(2007),多媒體在銀行業務之應用,萬通銀行季刊,4(3),28-30。鄭秋霜(2007),互動式玩具產品的理性與感性需求,互動式玩具產業研討會。劉水深(1997),大陸台商外銷通路之研究,管理評論,16(2),1-20。酆彥達(2007),下一代零售嵌入式裝置,微軟企業經營研討會。二、英文部分 Beamon, B. M. (1999). Measuring supply chain performance. International Journal of Operations Production Management, 19(3), 275-92. Beth, c., Burt, D. N., Copacino, W., Gopal, C., Lee, H. L., Lynch, R. P. & Morris, S. (2003). Supply chain challenges: Building relationships. Harvard Business Review, 81(7), 64-73. Bruce, M., Daly, L. & Towers, N. (2004). Lean of agile? A solution for supply chain management in the textiles and clothing industry. International Journal of Operations Production Management, 24(2), 151-70. Catalan, M. & Kotzab, H. (2003). Assessing the responsiveness in the Danish mobile phone supply chain. International Journal of Physical Distribution Logistics Management, 33(8), 668-95. Chandiramani, R. (2003). Are retro toys stifling innovation?. Marketing, July, 31, 13. Choi, T.Y. & Hong, Y. (2002). Unveiling the structure of supply networks: Case study in Honda, Acura, and Daimler Chrysler. Journal of Operations Management, 20(5), 469-93. Christopher, M. & Peck, H. (1997). Managing logistics in fashion markets, The International Journal of Logistics Management, 8(2), 63-73. Christopher, M., Lawson, R. & Peck, H. (2004). Creating agile supply chains in the fashion industry. International Journal of Retail Distribution Management, 32(8), 367-76. Cigolini, R., Cozzi, M. & Perona, M. (2004). A new framework for supply chain management: Conceptual model and empirical test. International Journal of Operations Production Management, 24(1), 7-41. Cooper, M. C., Lambert, D. M. & Pagh, J. D. (1997). Supply chain management: More than a new name for logistics. The International Journal of Logistics Management, 8(1), 1-14. Cunningham, D. C. (2001). The distribution and extent of agrifood chain management research in the public domain. Supply Chain Management, 6(5), 212-5. Dapiran, P. (1992). Benetton – global logistics in action. International Journal of Physical Distribution Logistics Management, 22(6), 7-11. Del Vecchio, G. (2003). The blockbuster toy: How to invent the next big thing. Pelican Publishing Company, Gretna, LA. Edmund R. Gray & Larry R. Smeltzer (1989). Management: Competitive Advantage. Macmillan Publishing Company. El-Beheiry, M., Wong, C. Y. & El-Kharbotly, A. (2004). Empirical quantification of bullwhip effect (with application on a toy supply chain). Proceedings of 13th International Working Seminar on Production Economics, Austria, 3, 83-95. Ellram, L. M. (1996). The use of the case study method in logistics research. Journal of Business Logistics, 17(2), 93-138. Fernie, J. (1995). International comparison if supply chain management in grocery retailing. The Service Industries Journal, 15(4), 34-47. Fisher, M. (1997). What is the right supply chain for your product?. Harvard Business Review, 75(2), 105-107. Fisher, M. & Raman, A. (1996). Reducing the cost of demand uncertainty through accurate response to early sales. Operations Research, 44(1), 87-99. Fuchs, P., Young, A. & Zweidler-Mckay, A. (1998). New approach to strategy dynamic alignment of strategy and execution,. In Gattorna, J. (Ed.), Strategic Supply Chain Alignment: Best Practices in Supply Chain Management, Gower, Aldershot. Garner, C. (1996). The loss of our innocence. The Independent, 15, 3. Gray, J. (Ed.), (1993). Strategic supply chain alignment: Best practices in supply chain management. Gower, Aldershot. Golicic, S. L., Foggin, J. H. & Mentzer, J. T. (2003). Relationship magnitude and its role in inter-organization relationship structure. Journal of Business Logistics, 24(1), 57-75. Helper, S. (1991). How much has really changed between US automakers and their suppliers? Sloan Management Review, 32, 15-28. Holmstrom, J. (1997). Product range management:A case study of supply chain operations in the European grocery industry. Supply Chain Management: An International Journal, 2(3), 107-15. Jan Stentoft Arlbjorn (2005). Supply chain management practices in toy supply chains. Supply Chain Management Journal, 10(10), 367-368. John Johansen (2005). Supply chain management practices in toy supply chains. Supply Chain Management Journal, 10(10), 367-368. Johnson, M. E. (2001a). Learning from toys: Lessons in managing supply chain risk from the toy industry. California Management Review, 43(3), 106-24. Johnson, M.E. (2001b). Mattel, Inc: Vendor operations in Asia, case 601-039-1. Tuck School of Business at Dartmouth, Hanover, NH. 1-23. Ketzenberg, M., Metter, R. & Vargas, V. (2000). Inventory policy for dense retail outlets. Journal of Operations Management, 18, 303-16. Kumar, N. (1996). The power of trust in manufacturer-retailer relationships. Harvard Business Review, 74(6), 92-106. Kurt Salmon Associates (1993). Efficient Consumer response: Enhancing consumer value in the grocery industry. Kurt Salmon Associates, Atlanta, GA. Ken Sano, M. (2007). Increasing efficiency in the supply chain for short life goods using RFID tagging. International Journal of Retail Distribution Management, 31(10), 529-36. Lambert, D.M. & Burdureoglu, R. (2000). Measuring and selling the value of logistics. International Journal of Logistics Management, 11(1), 1-17. Lampel, J. & Mintzberg, H. (1996). Customizing customization. Sloan Management Review, 38(1), 21-30. Lee, H. L. (2002). Aligning supply chain strategies with product uncertainties. California Management Review, 44(3), 105-19. Lee, H. L. & Whang, S. (1998). Information sharing in a supply chain.

International Journal of Technology Management, 20(3/4), 373-87. Lee, H. L., Padmanabhan, V. & Whang, S. (1997). The bullwhip effects in supply chain. Sloan Management Review, 38(3), 93-102. Li, D. & O ' Brien, C. (2001). A quantitative analysis of relationships between product types and supply chain strategies. International Journal of Production Economics, 73(1), 29-39. Lowson, R. (2002). The implementation and impact of operations strategies in fast-moving supply system. Supply Chain Management: An International Jpurna, 7(3), 146-63. Lurquin, M. G. (1996). Streaming the supply chain in the pharmaceuticals industry. Logistics Information Management, 9(6), 6-10. McKenney, J. L. & Clark, T. H. (1995). Campbell soup co.: A leader in continuous replenishment innovations, Case 9-195-124. Harvard Business School Publishing, Boston, MA. Magretta, J. (1998). The power of virtual integration: An interview with Dell Computers ' Michael Dell. Harvard Business Review, 76(2), 72-83. Miles, M. B. & Huberman, A. M. (1994). Qualitative Data Analysis. Sage Publications, London. NPD Group, Inc. (2002). NPD Fun Fact 2002. NPD Group, Inc., Washington, DC. NPD Group, Inc. (2004). NPD Fun Fact 2004. NPD Group, Inc., Washington, DC. Nytor, J. B., Naim, N. M. & berry, D. (1999). Leagility: Interfacing the lean and agile manufacturing paradigm in the total supply chain. International Journal of Production Economics. 62, 107-18. Pagh, J. D. & Cooper, M. C. (1998). Supply chain postponement and speculation strategies: How to choose the right strategy. Journal of Business Logistics, 19(2), 13-34. Pearce, A.M. (1996). Efficient consumer response:Managing the supply chain for ' ultimate ' consumer satisfaction. Supply Chain Management: An International Journal, 1(2), 11-14. Porter, M. E. (1980). Industry structure and competitive strategy keys to profitability. Financial Analyst Journal, Charlottesville, 36(14), 30-38 Porter, M. E. (1985). Competitive Advantage. The Free Press, New York, NY. Reyes, P., Raisinghani, M. & Singh, M. (2000). Global supply chain management in the telecommunication industry: The role of information technology in integration of supply chain entities. Journal of Global Information Technology Management, 5(2), 48-67. Sahin, F. & Robinson, E. P. (2002). Flow coordination and information sharing in supply chains:Review, implications, and directions for future research. Decision Sciences, 33(4), 505-36. Sharp, D. & Hill, R. (1998). Efficient consumer response: From harmful competition to winning collaboration in the grocery industry. In Gattorna, J. (Ed.). Strategic Supply Chain Alignment:Best Practices in Supply Chain management. Gower, Aldershot. Suri, R. (1999). Quick Response Manufacturing:A Company-wide Approach to Reducing Lead Times. Productivity Press, Portland, OR. Torres, L. & Miller, J. (1998). Aligned logistics operation:Tailoring logistics to the needs of customers. In Gattorna, J. (Ed.). Strategic Supply Chain Alignment: Best Practices in Supply Chain management. Gower, Aldershot. Toy Industry Association, Inc. (2004), 2001-2002 Toy Industry Fact Book, Toy Industry Association, Inc., New York, NY, 1-40, available at: [www.toy-tma.org/](http://www.toy-tma.org/) Van Hoek, R. (1998). Reconfiguring the supply chain to implement postponed manufacturing. International Journal of Logistics Management, 9(1), 95-111. Vergin, R.C. & Barr, K. (1999). Building competitiveness in grocery supply through continuous replenishment planning: Insights from the field. Industrial Marketing Management, 28, 145-53. Vlasimsky, S. (2003). Supply chain management:Changing the status quo in chemicals. Chemical Market Report, 294(17), 29-30. Walker, M. (1994). Supplier-retailer collaboration in European grocery distribution. Logistics Information Management, 7(6), 23-7. Wilson, N. (1996). Supply chain management: A case study of a dedicated supply chain for bananas in the UK grocery market. Supply Chain Management, 1(2), 25-8. Wong, C. Y.(2005). Supply chain management practices in toy supply chains. Supply Chain Management Journal, 10(10), 367-368. Wong, C. Y., Johansen, J., Arlbjorn, J. S. & Hvolby, H-H. (2005). Assessing responsiveness of product differentiation model and supply chain strategy of a toy supply chain. Proceedings of 13th International Working Seminar on Production Economics. Igls, Austria, 3, 417-32. Yin, R.K. (1994). Case Study Research: Design and Methods. Sage Publications, London. Zairi, M. (1998). Best practice in supply chain management: The experience of the retail sector. European Journal of Innovation Management, 1(2), 59-66.