

Association for Information Systems

AIS Electronic Library (AISeL)

Digit 2023 Proceedings

Diffusion Interest Group In Information
Technology

12-1-2023

Navigating Digital Transformation in Retail: A Resource Orchestration Analysis Towards Achieving Online-to-Offline Channel Integration Strategy

HOANG Ton Nu Huong Giang

National University of Singapore, gianghoang@u.nus.edu

Calvin M. L. Chan

Singapore University of Social Sciences, calvinchanml@suss.edu.sg

TEO Hock-Hai

National University of Singapore, teohh@comp.nus.edu.sg

Follow this and additional works at: <https://aisel.aisnet.org/digit2023>

Recommended Citation

Giang, HOANG Ton Nu Huong; Chan, Calvin M. L.; and Hock-Hai, TEO, "Navigating Digital Transformation in Retail: A Resource Orchestration Analysis Towards Achieving Online-to-Offline Channel Integration Strategy" (2023). *Digit 2023 Proceedings*. 18.

<https://aisel.aisnet.org/digit2023/18>

This material is brought to you by the Diffusion Interest Group In Information Technology at AIS Electronic Library (AISeL). It has been accepted for inclusion in Digit 2023 Proceedings by an authorized administrator of AIS Electronic Library (AISeL). For more information, please contact elibrary@aisnet.org.

Navigating Digital Transformation in Retail: A Resource Orchestration Analysis Towards Achieving Online-to-Offline Channel Integration Strategy

Completed Research Paper

HOANG Ton Nu Huong Giang
National University of Singapore
gianghoang@u.nus.edu

Calvin M. L. CHAN
Singapore University of Social Sciences
calvinchanml@suss.edu.sg

TEO Hock-Hai
National University of Singapore
teohh@comp.nus.edu.sg

Abstract

The rise of e-commerce market exchanges has disrupted the traditional Brick and Mortar (B&M) retailing sector, compelling B&M retailers to adopt strategic responses to sustain their market positions. Online-to-Offline (O2O) retailing has emerged as a promising approach to harness the potential synergies between online and offline channels. However, scholarly inquiry into the process of implementing O2O retailing remains limited. To address the research gap, this study presents a resource orchestration analysis of O2O implementation, using a successful case study from a leading B&M in Asia. Drawing from the theoretical lens of resource orchestration, the study uncovers key processes encompassing structuring, bundling, and leveraging stages. These processes involve structuring unified IT and cross-channel management resources, bundling these resources to build O2O integration and O2O differentiation capabilities, and leveraging these capabilities to deliver O2O value. By shedding light on the intricate mechanisms involved in O2O implementation, this research contributes to advancing the theoretical understanding and managerial practice of O2O retailing strategies.

Keywords: O2O, Resource Orchestration, Multichannel.