
Editorial

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An enterprise network is the network system of organisations, people, technology, activities, information, and resources involved in moving a product or service from supplier to customer. Through the contemporary new supply chain enabling technology, a company can do better connectivity with upstream and downstream organisations. The activities in the enterprise network such as: fulfilment, procurement, shipment, storage, distribution are integrated together. The aims of contemporary supply chain enabling technology include: improve customer satisfaction, increase process efficiencies, and make collaboration efficient. However, many organisations still have not implemented supply chain technology well or do not update technology often. This special issue seeks to highlight the research and practices on *contemporary supply chain enabling technology* in order to provide supply chain practitioners and researchers to enrich their knowledge in this area.

We are very pleased to select eight articles for this special issue, written by researchers and practitioners of contemporary supply chain enabling technology from different parts of the world. We provide a brief overview of the papers that appear in this issue.

The first paper by Shobana, Sait, and Haq presents a RFID based vehicle toll collection system that is designed to assist in the management of toll operations through technology. The system performs automatic identification of vehicles and collection of toll from vehicles travelling along the toll lane by machine-readable information.

The second paper by Lai, Lai, and Jordan aims to extend the unified theory of acceptance and use of technology (UTAUT) model for the study of the negative emotion and behaviour that affects the user acceptance of m-commerce by the mobile users of Hong Kong.

In the third paper, Dhanalakshmi, Parthiban, and Ghatak apply Shrink wrap algorithm input for simulated annealing (SA) for vehicle routing problem (VRP). They propose a heuristic which improves the result by 1.7% than the well known and frequently used input sequence.

The fourth paper by Chattopadhyay, Mo, and Chan proposes a generic business model for a human-centred and eco-friendly virtual manufacturing organisation that is based on the current trend in manufacturing in Japan, Europe and USA.

The fifth paper by Yuen presents a conceptual framework of the development of electronic marketplace for collaborative supply chain.

In the sixth paper, Sasikumar and Noorul Haq investigate a multi-criteria decision-making methodology (MCDM) for the selection of reverse logistics operating modes. They use an example to illustrate the procedural implementation of the model.

In the seventh paper, Khan, Prasad, and Rajamanoharane employ analytical hierarchy process (AHP) as a decision-making methodology to evaluate service quality in hospital. They have identified the criteria and sub-criteria which are most common and significant in the selection of hospitals.

In the eighth paper, Wu and Shi study some stories in 2009 and 2010 related to RFID application using text mining. They uncover the trends of the research on RFID application shift from the technological focus to the topics of system and companies usage.

This special issue is beneficial to anyone who is interested in the subjects of contemporary supply chain enabling technology. We hope you will find these scholarly works very interesting and useful. We hope you will enjoy reading the articles in this special issue as much as we have putting it together.

Acknowledgements

As guest editors, we would like to take this opportunity to thank all the authors for the time and effort they spent in writing their papers. In addition, we would like to express our heartfelt gratitude to the referees who reviewed the papers and made valuable comments for improving the quality of the manuscripts. Finally, we would like to gratefully acknowledge the trust and support provided by Professor Lenny S.C. Koh, in collating this special issue on *Contemporary supply chain enabling technology*.