

Adoption of E-Business Technology for Supply Chain Management: A Study in Electrical and Electronics Industry in Malaysia

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ABSTRACT

Nowadays, the strong business pressure and globalization trend required high effective and efficiency cooperating between businesses, and the business competition model was no long business to business but supply chain to supply chain. Supply Chain Management encompasses the planning and management of all activities involved in sourcing and procurement, conversion, and all logistics management activities. Importantly, it also includes coordination and collaboration with channel partners, which can be suppliers, intermediaries, third-party service providers, and customers. The effective supply chain management can provided lots of benefits for the businesses and sometimes it even related with the survival of businesses in the competitive business environment. For helping the business to conduct effective supply chain and gain competitive advantages, the information technology adoption on supply chain management already has around 50 years history. During these 50 years, the notion of supply chain management is keep changing from unilateral to integration. For fitting the current concept of supply chain management and overcome the limitations of previous technologies, the E-business technology has been adopted on the supply chain management in recent years.

The E-business technology is the internet based technology that provided a secure, flexible and integrated approach to the businesses for delivering differentiated business value by combining the systems and processes that run core business operations with the simplicity and reach mode. Nowadays, the E-business technology adoption on supply chain management has become inevitable trend for the businesses whether in developed countries or developing countries, but lots of businesses that in developing countries still lack of understanding and experiences for the E-business technology adoption.