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## Supply chain technology implementation in Malaysian construction industry

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Supply Chain Technology (SCT) implementation becomes a phenomenon in the construction industry nowadays. Information and Communication Technology (ICT) is viewed as an enabler to the success of any organisation improvement activities, such as business process reengineering, total quality management and continuous improvement initiatives. Organisations should implement enterprise ICT applications which not only integrate the internal processes, but are also ready for external processes integration. Generally, this study was designed to investigate the level of technology utilisation among the Malaysian construction industry. The use of this technology has shown an improvement in construction business process particularly in planning and designing processes. This improvement significantly affects the performance of Supply Chain Management (SCM) in construction industry. The construction industry is critical for national wealth creation particularly in the developing countries such Malaysia. However, about five percent of construction projects were not able to be completed due to various reasons. Therefore, there is a great interest to find out the level of SCT implementation within the construction industry, which is believed as a main driver to improve the SCM performance and directly reflect to the construction project performance. The objective of this paper is to identify and highlight the issues and problems associated with the current SCM practices, particularly in the technology implementation among the major players in the Malaysian construction industry. To be more specific, the type of application systems that are being implemented in the Malaysian construction supply chain process will also be identified.

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