

BIM Implementation in Malaysia: A Case Study in Department of Survey and Mapping Malaysia

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SUMMARY

The Department of Survey and Mapping Malaysia (DSMM) is the sole government organisation responsible for providing high quality survey and mapping products and services to the government, business, public and individual for the purpose of national development. The advent of technology has changed the landscape of how DSMM running its' businesses. Modernisation took place and better services are anticipated through the implementation of automation. On that note, JUPEM has incorporated Building Information Modelling (BIM) in one of its digital delivery system known as SmartKADASTER. BIM can be considered as one of the most intriguing opportunity for surveyors. According to US National Building Information Model Standard Project Committee, BIM is a digital representation of physical and functional characteristics of a facility. The BIM dimension offers in SmartKADASTER is 3D Model where users are capable of experiencing walk through, visualisation, virtual modelling and prefabrication. This paper provides an insight on how DSMM has gone further afield with the fulfilment of BIM and thorough explanation on the method, software and interface used to accomplish it.

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