

**URGENT RELEASE**

**4 NOV, 2019**

**MMC GAMUDA MAKES IT AGAIN AT THE YEAR IN INFRASTRUCTURE BENTLEY AWARDS**

**KUALA LUMPUR, 1<sup>st</sup> November 2019-** MMC Gamuda KVMRT (T) Sdn. Bhd. strikes again at the Year in Infrastructure Bentley Awards, beating two other finalists, one hailing from Madinah and another China, to the first place in the Reality Modelling Category. An annual awards program that honours the extraordinary work of Bentley Systems, Incorporated, users worldwide for advancements in infrastructure design, construction, and operations, this year's awards night was held 24<sup>th</sup> October 2019 at Marina Bay Sands, Singapore. Of the 571 nominated projects, only 54 finalists made it to the finalists' round where they were judged live by an independent panel of 44 jury members. This is the second time around that the project has won an award from Bentley Systems, the last being 2017's Be Inspired Awards in the BIM Advancements, Rail & Transit Category.

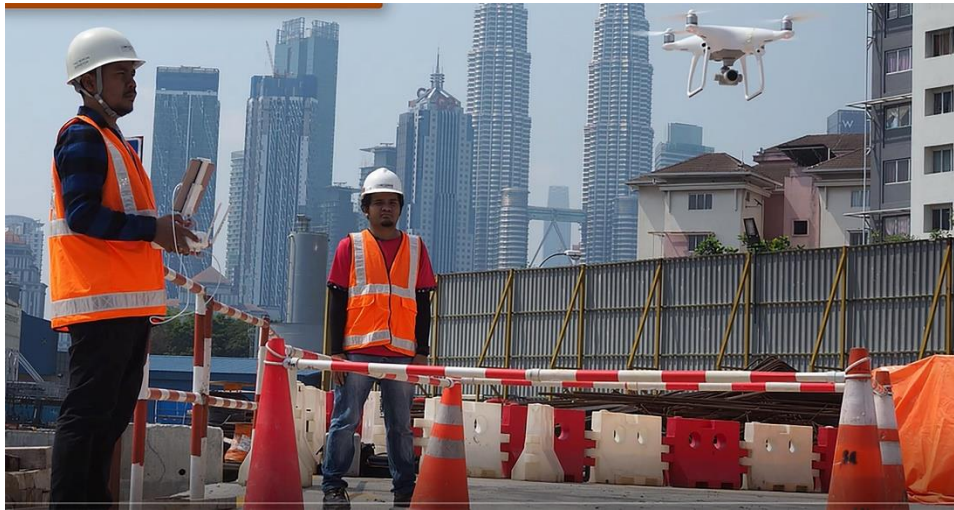
MMC Gamuda presented its extensive use of multiple Bentley software, particularly that of Bentley Systems ContextCapture reality modelling software, to generate digital twins of their construction sites in the Klang Valley Mass Rapid Transit Sungai-Buloh-Serdang-Putrajaya megaproject. Using drones to capture hyper-realistic visuals which are then overlaid on Building Information Modelling (BIM) designs, MMC Gamuda has effectively reinvented conventional surveying and regular site reporting with digitalisation.

This has yielded other project-wide benefits. By integrating digital twins with GIS applications and other interoperable functions, they have produced an information powerhouse where project members can quickly and conveniently access project information in a visual, holistic manner on a Cloud. This has encouraged collaborative working and even improved health and safety aspects with better understanding of site context and constraints, thus enhancing decision-making across the project.

Present to receive the award trophy on behalf of MMC Gamuda was BIM manager, Nick Morecock. He tells us "we are proud to see our work being recognised by a global solutions provider like Bentley. A lot of our digital solutions were put together in-house and we hope our example would inspire other Malaysians as well to move towards digital transformation in

the industry”. With the Underground section of the project going at peak progress, MMC Gamuda is definitely not resting on their laurels in joining the race towards Industry 4.0 with their construction digitalisation initiatives. These include the introduction of their autonomous tunnel boring machine, digital construction documentations and BIM Level 2 project implementations among many other things.

**Picture 1:**



Caption: Seen here MMC Gamuda drone pilot and spotter conducting a site survey following carefully established standard operating procedure (SOP).

**Picture 2:**



Winner’s logo of the Year in Infrastructure Bentley Awards under the Reality Modelling Category.

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**About MMC-Gamuda KVMRT (T) Sdn. Bhd. (MGKT)**

MGKT is the appointed Underground Works Package contractor for the Klang Valley Mass Rapid Transit Sungai-Buloh-Serdang-Putrajaya Project. With a sterling track record in managing large-scale projects on time coupled with its ability in engineering innovation, MMC Gamuda is tasked with the design and construction of the tunnelling package covering 13.5km of MRT underground tunnel with eleven underground stations.

**About Bentley Systems, Incorporated and the Year in Infrastructure Awards 2019**

Bentley Systems is a leading software development company that provides professional services in the management of project infrastructure and full lifecycle. Every year, Bentley gathers the global community of its users and organizations at the Year in Infrastructure Awards program to recognise innovative advancements in design, engineering, construction, operations, and project. Go to <https://yii.bentley.com/> for more info.

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