



February 26, 2024

BSE Limited Corporate Relationship Department P.J. Towers, Dalal Street, Fort, Mumbai - 400 001	National Stock Exchange of India Ltd. Exchange Plaza, Bandra-Kurla Complex, Bandra (East) Mumbai - 400 051
Scrip Code : 506109	Symbol : GENESYS

Dear Sirs

Subject: Press Release

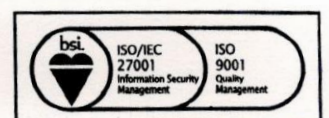
Please find attached a copy of the press release – “PM Modi Commissions Genesys Digital Twin Map Stack in Varanasi.”

Kindly take the above information on your record

Thanking you,

Yours faithfully,
For **Genesys International Corporation Limited**

Vineet Chopra
Vice President- Legal & Company Secretary



PM Modi Commissions Genesys Digital Twin Map Stack in Varanasi

Mumbai, February 26, 2024: Prime Minister Narendra Modi has marked a significant step towards modernizing Varanasi's infrastructure and addressing pressing urban challenges by laying down the foundation of Digital Twin in his constituency Varanasi. The award was given to mapping pioneer, Genesys International Corporation.

Genesys International Corporation Ltd, in collaboration with Varanasi Smart City Limited (VSCL), is embarking on the implementation of a 3D Digital Twin, covering an extensive area of 160 square kilometres. Leveraging the Genesys New India Map stack, this project aims to create an accurate 3D replica of Varanasi, capturing its physical features, processes, and relationships. The value of the order is 7 crores.

The Urban Spatial 3D Digital Twin will serve as a comprehensive representation of Varanasi's real-world environment, facilitating targeted interventions to alleviate issues such as traffic congestion, logistics, mobility, solid waste management, urban flooding, and promotion of tourism. By integrating manned aerial LiDAR mapping, terrestrial mobile LiDAR, and 360-degree street panoramic imagery, the project ensures a high level of accuracy and detail in the city model. The Genesys constellation of sensors is creating a nationwide urban digital twin.

Genesys has also now finished around 1500 towns and cities as part of its street imaging program and also partners with Google maps for the same.

One of the primary objectives of this initiative is to enhance governance through a geo-enabled Decision Support System (DSS), fostering collaboration and communication among government departments. By providing analytical mapping capabilities, the project enables responsive coordination and intelligent decision-making within departments.

Commenting on the order win, Mr. Sajid Malik, CMD, Genesys International Corporation, said, "It is a momentous occasion for us to Digital Twin Varanasi. Our 3D city data will be integrated into various development schemes and projects. The simulation capabilities offered by the Digital Twin will aid urban planning efforts, allowing predictive visualization of infrastructure projects such as flyovers, foot over bridges, and road-widening. Moreover, the precise elevation models provided by LiDAR technology will lay the groundwork for ambitious waterways transport projects.

The Urban Spatial 3D Digital Twin project represents a transformative leap towards a smarter, more resilient Varanasi, equipped to tackle present and future urban challenges. By harnessing advanced spatial technology, Varanasi aims to emerge as a model for sustainable urban development and efficient governance.



About Genesys International Corporation

Genesys International Corporation Ltd is a premier advanced mapping company. With a team of over 2,000 professionals along with the nationwide Genesys constellation of sensors, the company is building the new India map stack. Genesys International has unique expertise, encompassing an understanding of emerging consumer applications related to mapping technology and the capability to provide cutting-edge solutions on the enterprise and government markets.

For further Queries please contact (Investor/Media)

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