

Geomatex Integrated Solutions

" Geomatex Integrated Solutions is the first and only regional system integrator focusing on Geo-Artificial Intelligence to deliver future innovation to the Egyptian Market and the MENA region, we integrate digital technologies across the design-build-operate life cycle to improve the management of different assets utilizing BIM and CIM technologies."

Pass by our booth, 3F70, in Hall 3 to know more about Creating Intelligent Digital Twins

Digital Transformation Strategy:

Today's challenge is how to create as-built digital models that represents reality, discover efficient cost-effective ways to improve accurate as-builts at turn-over and how to keep pace with changes in drawings/ models. With Modern Reality Modelling techniques using laser scanners, aerial photogrammetry (UAV/Drones) or both, we can create a "**Digital Twin**" which can be integrated in your BIM workflows enabling more ability to manage your assets, designs, and resources digitally.

Digital twins provide value for customers based on indicators such as status, data on a motor and asset usage data and can simulate asset behavior and impacts on how that will change with incorporating different factors and scenarios. These insights help companies use the data to create new ways to measure customer lifetime value or determine how to add more value to both the customer and the enterprise.

Our Partners:

Bentley Systems is the leading global provider of software solutions to engineers, architects, geospatial professionals, constructors, and owner-operators for the design, construction, and operations of infrastructure, including public works, utilities, industrial plants, and digital cities. *Notable products: Synchro, ProjectWise, STAAD, MicroStation, OpenFlow, AutoPIPE, etc.*

Matterport is a leading platform of spatial data specialized in creating immersive Digital Twin by advanced LiDar, Infrared Cameras and artificial intelligence software that can be used in Designing, Building, Operating, Promoting any asset.

Notable products: Pro2, Pro3, Axis, Insta360 One X2, etc

Zoller + Frohlich is one of the leading suppliers of terrestrial and mobile laser scanners that offers the only explosion-proof laser scanner in the world. *Notable products: IMAGER ® 5016, IMAGER ® 5006EX, etc.*

DJI Enterprise is the market leader in multicopter drone products that are dedicated to developing world-class solutions for agriculture, energy, public safety, surveying, mapping, and more. *Notable products: M300 RTK, Phantom 4 RTK, Mavic 2 Enterprise, etc.*

Clear Edge 3D has a track record of technological innovation and thought leadership in Automated Feature Extraction, laser scanning and 3D modeling space. *Notable products: EdgeWise, Verity, etc.*

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