Augmented Reality (AR) and Virtual Reality (VR) Solution with GIS"

Augmented Reality (AR) and Virtual Reality (VR) solutions integrated with Geographic Information Systems (GIS) offer immersive visualizations that enhance user interaction with spatial data.
This combination enables improved decision-making and engaging experiences across applications like urban planning, training, and tourism.

About the Customer

Our customer is one of Middle East's premier urban planning body responsible for setting up future city plans, government policies, development strategies, infrastructure operations and social development schemes. Customer is the urban planning body authorized to define the vision for the country in terms of infrastructure development.

The Business Case

Customer wanted to reach out to the government authorities and the targeted audience living in the region in order to communicate and deliver the vision and the mission plans lay out to achieve the vision. As the mission plans were at the initial stages of their development, customer wanted the contents to be visualized and delivered as 3D illustrations across smart phone platforms.
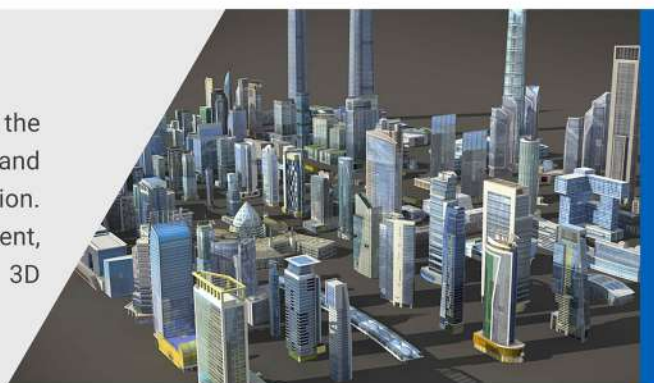
Our Solution

Technodx with its multi year expertise in developing state of the art Augmented Reality (AR) and Virtual Reality (VR) solutions for government organisations across the globe had the perfect answer for our customer. Right toolsets and frameworks available in the market for 3D visualization of image frames have been leveraged to recreate the 3D VR experience within the smart phone applications for the contents delivered.

Solution Achievements

Theme based storyline followed within the VR application that aligned with the objective set for the customer really helped the customer reach out to target audience in order to explain very clearly the purpose for which the organization stands for and their vision for infrastructure development for the region. The application was able to seamlessly connect with the customer's information portal and deliver all required contents to the users on smart device channels.

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