

Fixing The Airflow In Hot Climate: The 3D Visualization Project



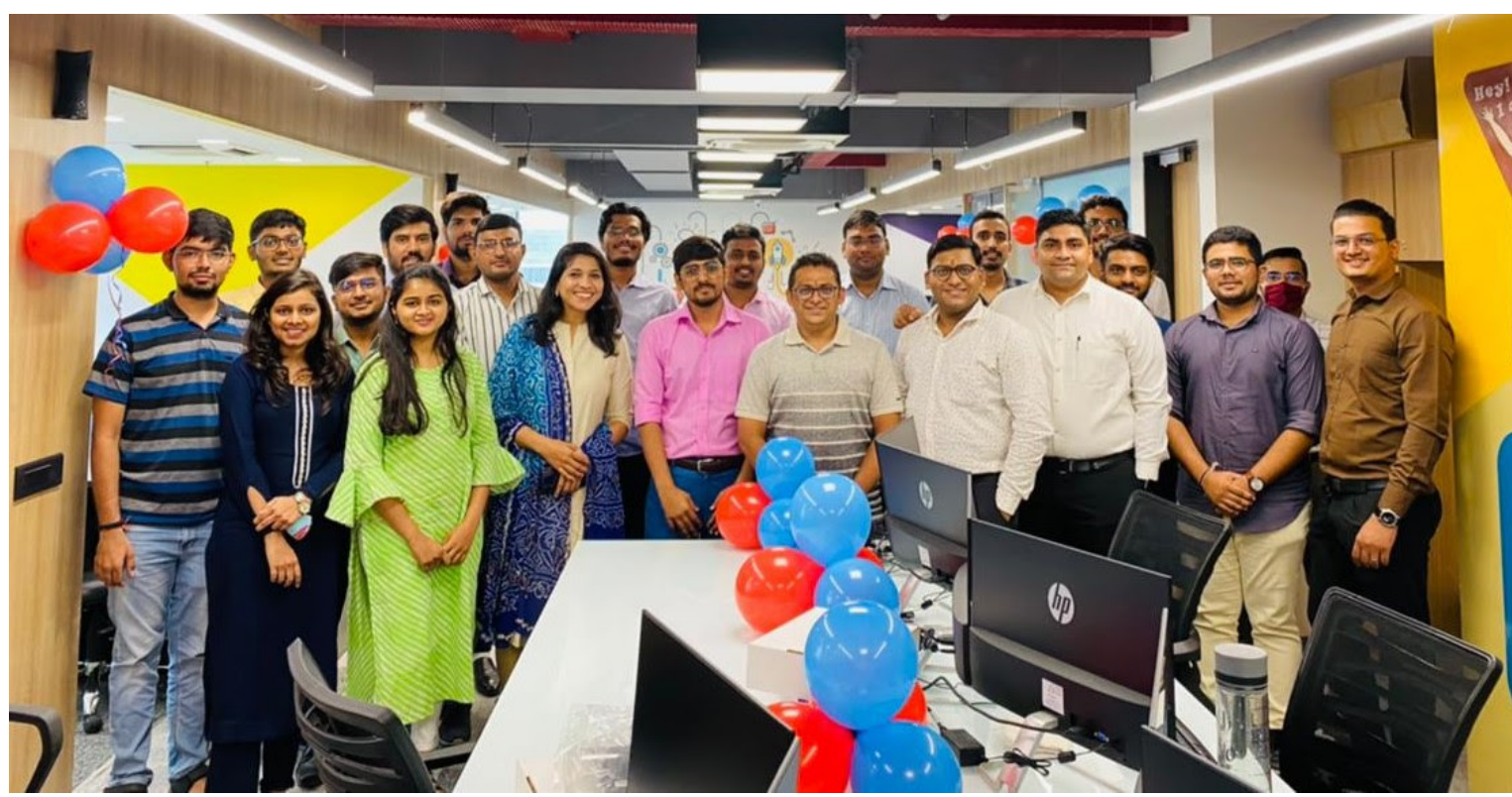
Project Type: Residential
Project Name: Los Cabos Residence
Service offered: 3D Visualization

Client: Michael Blakemore Architects
Location: Mexico, USA
Software used: Sketchup & Lumion

We are absolutely confident that there is no need for doubts when you're with our architects - you can visualize the final look of your future project and that makes complete sense. Designed by our architectural team, this residence's concept was to make the structure stand out of the surroundings by having the red on the building. The challenge in the project was its location - the hotter region which made us use the small fenestrations and thick walls in the residence to maintain the temperature. Such realistic renderings can help see our imagination turn into reality.

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Continued Growth Triggered Expansion - New Office in A'bad



We're super delighted to announce the opening of our new office in Ahmedabad. As promised, we're extending the office to accommodate more than 100 employees. Last week, we inaugurated this new space with the ribbon-cutting ceremony done by Director - Urvish Shah along with the General Manager - Hiren Patel, followed by the Indian traditions. Our new space is attractive, highly functional and has wonderful working environment. Looking forward to the mission of helping the clients grow through qualified & cost effective remote staffing, we're poised to grow even more in the coming future.

Proud Indians - Celebrated the Freedom by Being Responsible



Just like ISP - irrespective of religion and caste; Independence Day is celebrated every year on August 15th in India. It's a lovely occasion to bring together people in the workplace and encourage the feeling of patriotism wrapped with a lot of fun. To maintain the spirit of independence day alive, the whole week was celebrated in a stylish way. Everyday, we dressed up in the colors of the Indian flag - saffron, white, blue and green. We ended up this whole week by not only celebrating freedom but also being responsible citizens. The Tree Plantation Drive was conducted in Surat, India. During the activity, more than 40 plants were implanted in the ground by ISPians. The objective of the drive was to make the environment & society clean and green and also to improve the quality of air and reduce its pollution. On the whole, the event was a truly enriching experience. The response from the entire team was truly encouraging!

NMRCL - An Exemplary Case of 5D BIM & ERP System In India's Infra Segment



Located in Nagpur(India), spanning 38 km of route and covering two corridors - this \$1.4-billion mega project - NMRCL has 40 stations. The purpose of developing this rapid transit system is to manage the issues like traffic congestion and road accidents in the cities, and provide an easy & affordable daily commute.

The Challenge

The project is a fairly complex one. With more than 22 design consultants, a few contractors and around 30 subsystems, the large amount of coordination was required. In order to have better project information, to reduce cost overrun and time overrun, NMRCL decided to have BIM + ERP (A Digital Project Management System with iTWO).

The Process

Initially, the data collected from drones was used for geometric measurement in all directions and in spatial planning of the various stations. Viaducts were used for checking probable clashes and 5D model was created through this data. Afterwards, the 5D BIM Digital Project Management Platform was implemented. iTWO was the central platform wherein the 5D BIM software was integrated with other software to see all data in a single platform. The model was used for architectural modeling, structural modeling, MEP modeling, quantity estimation, 4D/5D simulation, and construction project tracking.

The Impact

NMRCL is considered to be a benchmark for future mega infrastructure projects in India. The key success factors are collaborative & user-friendly working environment, 3D model-based analysis from concept to commissioning, design-drawing & document management system, effective project controlling & monitoring system, the complete cost accounting system, asset information management system and knowledge base for future metro projects in India.

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ISP's Recommendations



ISP's this month's recommendation will be New York Engineers' article for all MEP engineers out there.

#DoYouKnow first of it's kind of medical center skyscraper in Miami that is COVID-conscious, pandemic-ready, all-in-one, residential and a hotel?

[Read the full article](#)

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