



## On Going Projects at Excelize

### High End Residential Towers @ Mumbai



Excelize has recently signed up with one more Giant in the Realty business in Western Part of India to act as DMS & BIM Consultant on a couple of their projects.

The current project is a high end residential project with a cluster of 3 towers of 60+ floors per tower and comprising of more than 500 luxurious flats. This project re-started after a long hold and the biggest challenge was to get together all the consultants again who had actually completed their work and coordinate between them. This became effective by using BIM and a central platform to bring them together.



Pratap Dhopte  
(CMD Excelize)  
[pratap.dhopte@excelize.com](mailto:pratap.dhopte@excelize.com)

### ★ The Buzz...

Mrs. Sonali Dhopte (Director @ Excelize) would be on the speaker Panel along with few more experts from the industry at Building Information Modeling Summit, India 2012 which will be held in Mumbai from 31<sup>st</sup> October through 2<sup>nd</sup> November 2012. BIM application for some of the most renowned projects and other specialized projects will also be discussed. She would be talking on use of BIM for really challenging tasks where Excelize has proved its technological capabilities, to prove that BIM helps the construction industry not only to save both time and money, but also to think and build designs which seem difficult with traditional ways.



## The Technology for you

### Applying Cloud Computing Technology, To BIM Visualization and Manipulation

A current trend in the construction sector is the application of Building Information Modeling (BIM) for the efficient integration and management of engineering information. Today, engineering consultant, construction and architectural companies conduct research into the development of BIM in order to integrate and visualize engineering information. The capabilities of BIM for information integration, visualization and parametric design, reduce duplication of work and interface integration complexity, significantly saving both time and cost. At present, BIM desktop applications such as Autodesk Architecture, Bentley Architecture and Graphsoft ArchiCAD, can only integrate and visualize information on-site. Difficulties remain in obtaining and updating information from other sites, which restricts communication and information distribution between different sites. As visualization efficiencies and hardware capabilities mature and continue to improve, the development framework of applications is now moving from "Client-Server" to "Host-based", which is referred to as "Cloud Computing" technology. In this research, we utilize the concept of Software as a Service (SaaS) and Cloud Computing in order to develop a visual system for BIM visualization and manipulation. This system can not only visualize three-dimensional (3D) BIM models, it can also manipulate 3D BIM models through the web without the limitations of time or distance. This system can facilitate communication and distribution of information between related participants, such as construction companies, building owners and architectural companies in order to manage projects effectively and efficiently



### Upcoming Events

**South India Real Estate Conference**

**Date:** 09-AUG-12 to 09-AUG-12

**Venue:** Hotel ITC Windsor, Bengaluru, Karnataka, India

**National Conference on High Rise Building Safety, Security & Disaster Management**

**Date:** 09-AUG-12 to 09-AUG-12

**Venue:** Hotel Le Meridien, New Delhi, Delhi, India



**Contact Us** Excelize Architectural Services Pvt. Ltd.

Block # 11 & 12, Electronic Sadan, Software Technology Park,  
MIDC, Chikalthana, Aurangabad 431210. Phone (240) 2472191

[sales@excelize.com](mailto:sales@excelize.com)

[www.excelize.com](http://www.excelize.com)