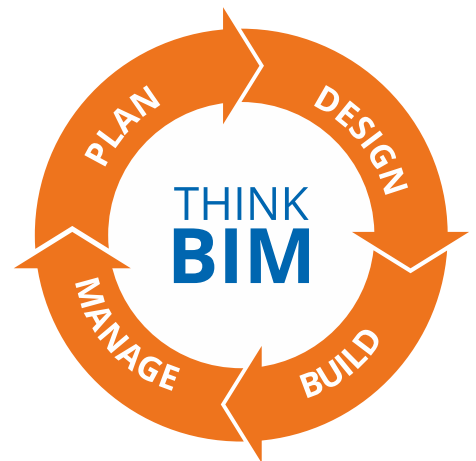
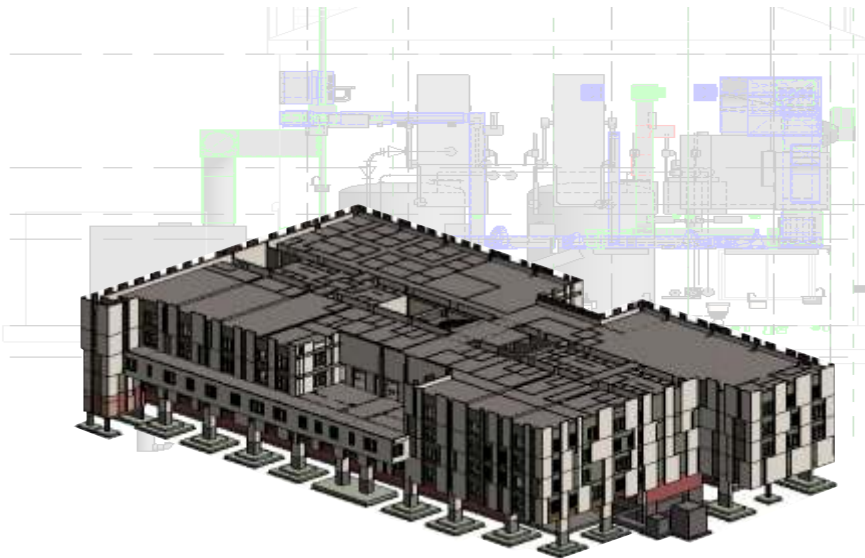




## Ceinsys BIM Solutions

### Description

Building Information Modeling (BIM) is an intelligent, 3D based model process that shows digital representations of various characteristics of places. These insights help to create and manage building & infrastructure projects that are faster, more economical and have minimal impact on environment.



### LiDAR / UAV Software Capability

- Autodesk InRoads
- Autodesk Revit

### Resource Strength

- 10 Qualified Resources

**1,500+**  
Shop Drawings

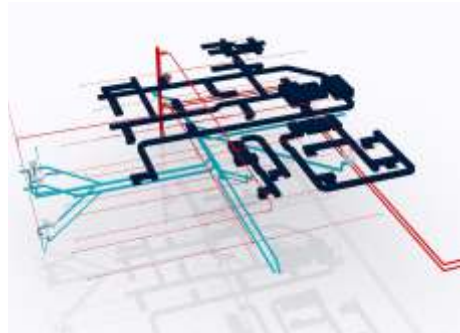
**200,000** Sq.ft  
3D Model Development

**1,000+**  
2D to 3D Conversions

**30+** Resources  
Managed Services.

## Offerings

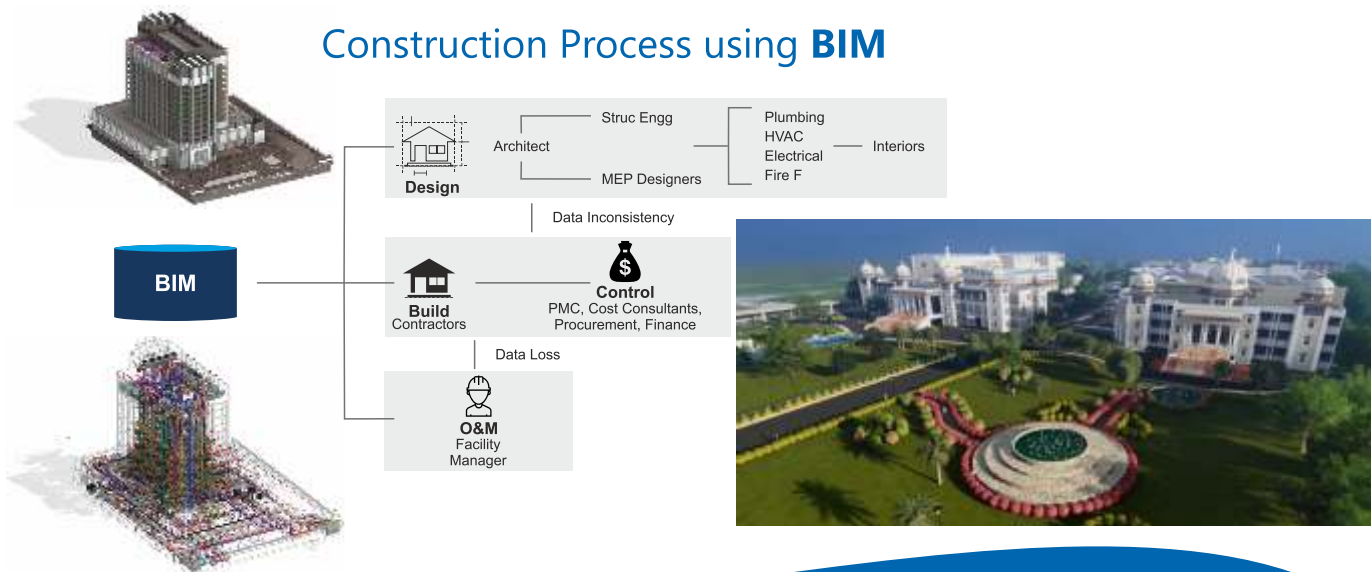
- 3D Modeling & Construction
- 5D Costing
- 4D Construction Simulation
- 2D Construction Documentation
- Family Creation
- Pilot Project
- Workflow Consulting
- Standards Creation



## BIM Benefits

1. Clash Resolution – Potential conflicts are addressed before actual construction.
2. Quantity Estimates- Accurate quantity estimates enables better fund management.
3. Material Saving- Site Errors minimized thereby reducing material wastage.
4. Project Time Reduced- As a result of lesser issues on site
5. Project Visualization- All stakeholders can understand the project better in 3D
6. O & M Phase- Coordinated data during handover can be used throughout lifecycle
7. Design focus- More focus on design rather than documentation
8. Rendering – Quick render options.

## Construction Process using BIM



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