



4D BIM simulations facilitate all project stakeholders, including architects, contractors, designers, owners, and other construction professionals, to visualize construction Scheduling throughout the project lifetime. Building Information Modeling helps construction planners simulate construction activities, identify clash, improve schedules, track materials, and manage the supply chain.

Should You Opt 4D or Not?

Here are the specifications to weigh up whether 4D BIM is the right solution for you or not

Implement 4D BIM If Your Response Is 'Yes' To The Following Question:

- Do you consider a reliable schedule will provide a base for effective project delivery?

Don't Implement 4D BIM, if Your Response Is 'No' To The Following Questions:

- Do you believe that your schedule identifies safety issues, congestion and no work zone to reduce risks and hazardous circumstances?
- Are your equipment, resources, and temporary plan optimized in your schedule?
- Are you able to find out space/time conflicts quickly during the planning stage?
- Are you sure that your project team members share knowledge for optimizing the plan for the overall project?
- Do your subcontractors and suppliers receive the latest progress reports to ensure maximum productivity on-site?
- Are you able to communicate clearly and competently, ensuring the delivery team has a shared understanding of the project?
- Are you confident that your team can deliver the project on time?
- Do you assess the "what if" scenarios to allow informed decisions if things don't work out as planned?
- Do you innovate to ensure peak project performance?



How Can You Gauge 4D BIM Application?

Top Things to Consider before Implementing 4D BIM in Construction Workflow

Importing Design Files

Your 4D BIM software application must interoperate with CAD so that you can import your design and data for effective 4D BIM Model Creation. You need to understand the compatibility of your file type and data transfer within the 3D Model on import.

Scheduling Capabilities

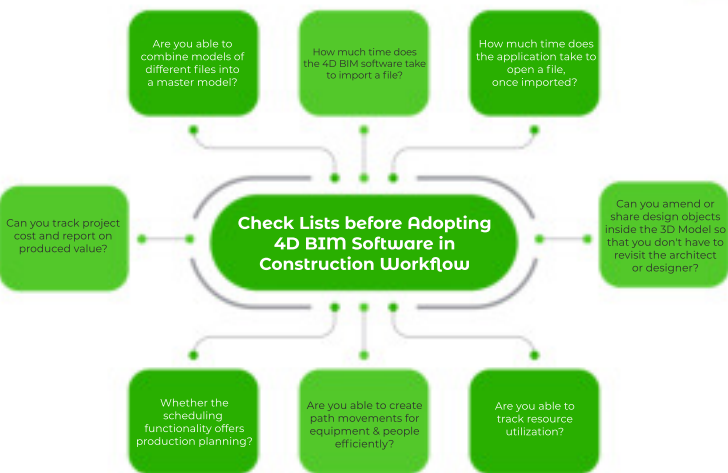
You need to check out whether the 4D software has full scheduling capability, without which, you can only view one scenario. 4D comes with the ability to review, run 'what-if' scenarios, optimize, rehearse, and track projects. Ensure that you can't add your tasks, make changes, or optimize your plan using 4D.

Detecting Clashes for Space & Time

It's significant to find out whether 4D Software application can offer you dynamic clash detection for space and time. You can detect design clashes are through Navisworks & Solibri. However, it is vital to run clash detection for several activities overlapping in space or time, which are not recognized by design clash detection.

Tracking Progress in 4D BIM

Ensure that you can view planned vs. actual side by side in a viewpoint. The 4D schedule offers value throughout the project lifecycle, helping you monitor the project progress starting from conducting meetings, safety briefing, training, and more.



The pace of change and the new technology implementation in construction are on the rise. Businesses need to have a technology strategy. 4D BIM offers a unique platform on which several organizations have opted to build their plan. Get started and simulate your construction with 4D BIM.

We plan and coordinate construction operations down to the last detail in time and space, reducing delay and rework. We synchronize design elements on screen in 4D BIM to help clients improve accuracy in construction sequencing.

How 4D BIM construction scheduling can help you?
STAY TUNED!

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