

4D Construction Planner

THE PROBLEM

Visualise Your Entire Build Sequence Before Ground Is Broken

Construction project managers need to communicate complex sequencing plans to site teams who struggle to interpret Gantt charts and schedule spreadsheets alone. Delays caused by sequencing misunderstandings cost significant time and money on every large-scale build.

KEY BENEFITS

- Entire build sequence reviewed in a single visual session
- Site teams understand the schedule without reading Gantt charts
- Schedules imported directly from MS Project, Primavera P6 or Excel, no manual re-entry
- Sequencing conflicts and logistical clashes caught at planning stage
- Animated construction plant shows access & space requirements

HOW IT WORKS

Schedule data, imported directly from Excel, MS Project or Primavera P6, is linked to 3D model elements, animating the build sequence over time. Each construction activity is tied to corresponding model components, as the timeline advances, elements appear, change state or highlight to reflect planned progress. Teams can scrub through the schedule visually and immediately grasp what happens when and in what order. Plant construction 3D objects such as cranes, telehandlers and cherry-pickers can be added to the graphics then paths are used to animate access and space requirements during construction.

INDUSTRIES & USE CASES

Construction

Main Contractors

EPC Contracting

Infrastructure

Oil & Gas

Industrial Build

TECHNOLOGY STACK

MS Project

Primavera P6

AutoCAD

MS Excel

TypeScript

