

4D Planning & Scheduling

Time integrated into your BIM models, so conflicts and inefficiencies surface before they reach site.

4D planning embeds the construction programme within the model, letting the project team see how the build unfolds rather than reading it off a bar chart. Projects using BIM with 4D planning have been shown to finish up to 30 per cent quicker.

What we do

Dynamic scheduling

Construction timelines embedded within BIM models to simulate project progress, so sequence can be tested before it is committed to.

Conflict resolution

Potential clashes and inefficiencies identified before they occur, including workspace and access conflicts that a 3D clash check will not catch.

Stakeholder engagement

Visual walkthroughs that improve communication and decision-making across the project team, client and supply chain.

At a glance

Up to 30%

Faster delivery with BIM+4D

95%+

On-time and to brief

STANDARDS & COMPLIANCE

- ✓ ISO 19650
- ✓ UK BIM Level 2
- ✓ BSRIA BG6

WHY DEW

- ✓ 20+ technical specialists
- ✓ 200+ projects delivered since 2016
- ✓ 80%+ repeat business rate
- ✓ 95%+ on-time and to brief
- ✓ 100% DBS-checked staff

How we deliver

01

Programme review

Existing programme reviewed alongside the coordinated model to establish how activities map onto model elements.

02

Model linking

Programme activities linked to model geometry, building the 4D sequence.

03

Sequence simulation

The build simulated over time, surfacing sequencing conflicts, access issues and workspace clashes.

04

Optimisation

Sequence refined with the project team to remove inefficiencies and de-risk critical activities.

05

Communication

Visual walkthroughs issued for site briefings, client reporting and supply chain coordination.

Where we've done it

4D Planning is delivered as part of our wider coordination work rather than as a standalone appointment on the projects documented in our portfolio. Project references available on request.

“The team's technical knowledge and their ability to foresee and mitigate potential issues made them an essential part of our success.”

— LEAD ENGINEER, ENERGY SECTOR

Let's streamline your next project.

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