



# Transportal Studio Services

# Our Portfolio of Solutions



Transportal provides a broad selection of 3D and 4D visualisation services, ranging from image retouching to fully rendered photo-realistic animations.

We can create animated project build sequences, site logistics diagrams, poster images, 'photo-matched' views, website content, training videos, health and safety diagrams, site impact studies interactive presentations and more.

We produce CGI (computer generated imagery) such as architectural visualisations, walkthroughs, fly-arounds, and construction sequence animations. The results produced can be anything from simple colour models with outlines to highly detailed photorealistic visuals, which aid the understanding of how a construction project will finally appear. Using a variety of the latest software available, we can fulfil all your CGI requirements.

## Logistics

Let us create your site in 3D, to graphically show your logistics methodology. Using our extensive library of site logistics items, can produce rendered still images to enhance your bid submission documents.

Our site logistics Images are an excellent way to visually display how your project site will be set up. Sometimes you do not want to invest in a full animation sequence, but you still need to show your logistics methodology – our 3D images are perfect for that. The focus is on site logistics rather than detailed construction phasing, so we do not need to spend time micro-sequencing the whole model. This can be an affordable option if you do not have the budget for one of our 4D construction animations. Turnaround time is a lot quicker too.



# Sequencing

## Animated Project Build Sequences

Our core deliverable – we combine the 3D models with the construction programme tasks and create a 4D sequence animation which will visually display your construction and logistics methodology.

A 4D construction sequence or 4D phasing animation allows construction programmes, schedules, or logistics strategies to be represented graphically. They are simulated by producing 3D models of the scheme and adding a 4th Dimension – Time. These build sequences provide the opportunity to visualise the proposed construction methodology and display knowledge and understanding of the project, demonstrating to an audience the technical details in a clear and precise way.

### What does a build sequence give you?

- A 3D model built up over time to show construction sequence and site logistics.
- The capability to visualise the construction sequence methodology.
- The ability to review and communicate the project at each stage of construction.
- The opportunity to display knowledge and understanding of the project – essential when bidding for work.
- Visual representation of potential problems.

### What are the benefits?

- The ability to identify potential problems before they occur on site.



- Anyone can watch an animated build sequence and gain an immediate understanding of the build.
- Better awareness of the expected site conditions.
- Eliminate phasing errors before getting to site.
- Potential time and cost savings due to the ability to create various sequence options to maximise efficiency.
- Greater understanding of the opportunity to prefabricate materials off site – and associated cost savings.

## Construction Sequence Presentations

The build sequence animations can be delivered as slide-by-slide images which are used in documents such as bid submissions and as fully rendered animated movies that can be used for on-screen presentations.

The result is a sequence which shows the complexity of a project in an easily understood format, which is not only visually impressive but also an accurate representation of construction progress over time.



## Animation

Animation can bring your project to life. We can create interior walkthroughs, exterior fly rounds, site logistics views, cladding installation sequences and anything else you can think of. Use our animations to tell your story.

We can meet all your CGI requirements, within deadline and within budget.



## Visualisation

Photorealistic images to showcase your projects. We turn 2D and 3D information into stunning visuals which allow clients to see how their finished spaces will look before they have even started to be built.

Showcase your projects with photo-realistic 3D imagery. We can use your models, or we can create the models from scratch. Our highly detailed interior and exterior visualisations can be used to review designs, compare options or to show the on-site impact of your logistics strategy.





# Interactive

## Interactive Model and Virtual Rooms

Step into your project, take control of the camera and interact with the scene. We can create an immersive environment, enhanced with information, for you to visualise progress from multiple viewpoints.

Using the latest virtual tour software, we produce interactive scenes using the animated project models and then add the information required. Multiple points in time can be visualised, from multiple viewpoints. Within the scene we can add links to any project information you provide and even embed videos directly into the 3D environment. A weblink or QR code is all that you need to view the model.

You can look around and interact with the model, gaining a more immersive experience than stills or videos can provide.

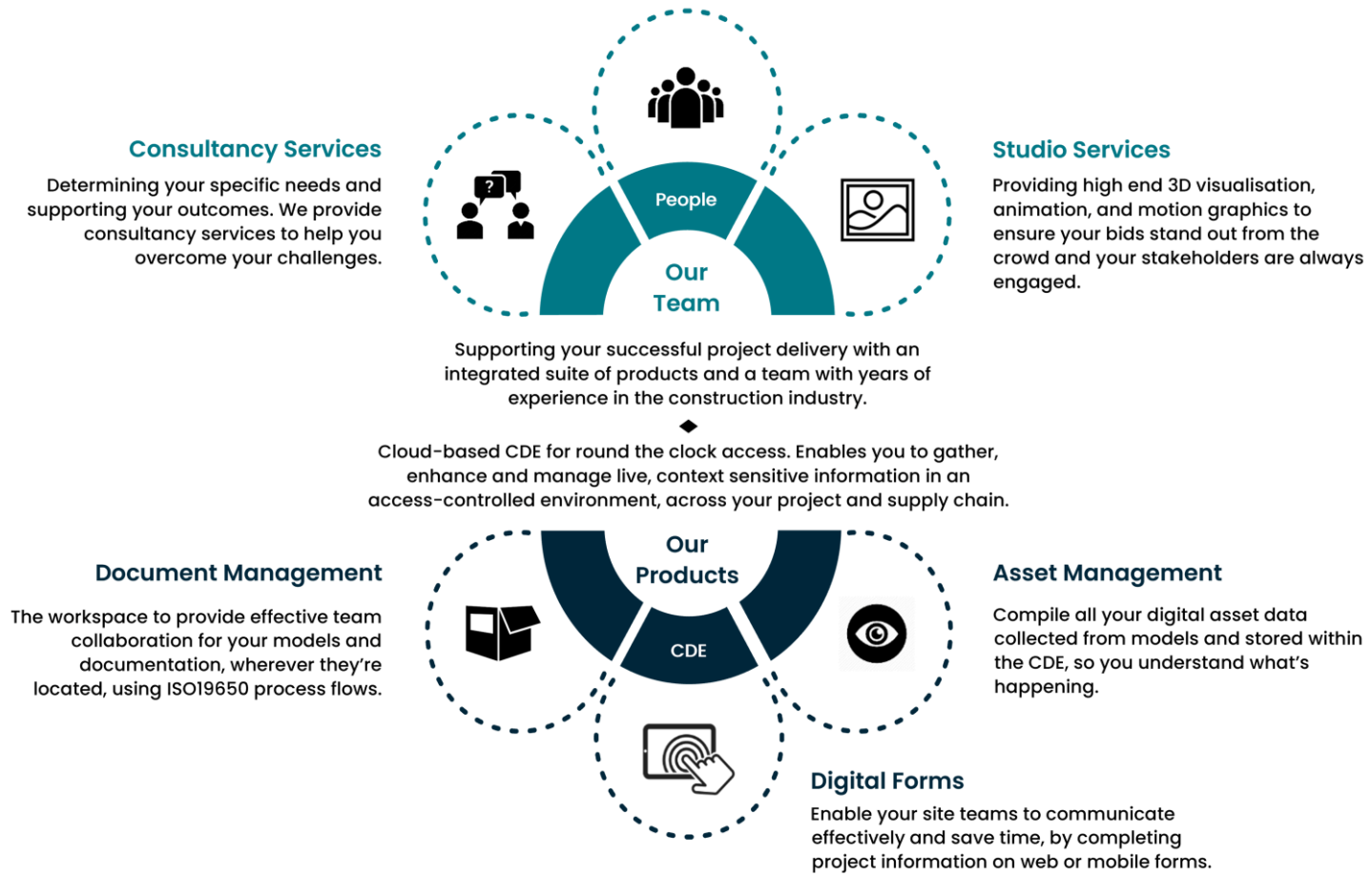


## Additional Services

In addition to the services already mentioned, we can offer further multimedia services such as 2D animations, camera matching (incorporating new developments into existing photography), photo-manipulation, optimised web content, brochure & logo design, art working, and many other graphical/media outputs.

Transportal can support your projects using our sophisticated visualisation tools and expertise, with leading edge market experience to ensure your presentations stand out from the crowd.

# What We Do





# Technology that enables smart digital construction



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