

Christie Hospital NHS Foundation Trust

Oak Road Development, 3D Modelling



Case Study



Background

Christie Hospital NHS Foundation Trust is a specialist cancer treatment centre located in Withington, Manchester. It is one of the largest cancer centres in Europe and provides radiotherapy and chemotherapy services to patients primarily living in Greater Manchester and Cheshire. Due to its specialist nature it also provides treatment for patients across the country.

The Oak Road Development looks to provide a significant increase in the capacity to deliver service chemotherapy treatment, expand the early phase clinical trials unit and also to provide a new private patient unit.

3D Modelling

In developing the scheme with the Trust, Interserve has made use of 3D Modelling technology.

The 3D modelling and photo realistic visualisation are designed to help convey spatial awareness, producing isometric and eye-level images to best represent the scheme in its entirety.

The mock ups incorporate generic furniture and Trust specified equipment to give a more realistic visual representation of the finished scheme.

The use of this tool has allowed the Trust to see what their rooms will be like in practice. A key benefit of this is if a problem is spotted or there are queries about the space in a room, Interserve have been able to build mock up rooms on site to allow the Trust / user groups to assess the room in its actual form.

Changes in the room can then be made at an earlier point in time without affecting the build. This also allows for real time commercial assessment of any changes made, so the Trust is fully aware of any cost implications.



Key Benefits

- Trust are able to visualise rooms / space at the outset of the project
- Allows users to raise any issues early
- Real Life mock-ups allow all users to see rooms at actual size
- Cost benefits to the project - minimising the likelihood of changes further into the project
- Programme benefits - greater certainty of outcomes with Trust buy-in
- Real time clash detection demonstrates functionality of rooms from all aspects
- On screen co-ordination of installation showing actual materials to be installed

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