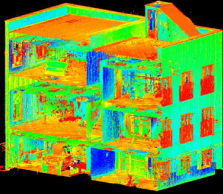




# Bridgeway

Consulting Limited



## BIM SERVICES

*A holistic approach to Building Information Modelling & Management Services*

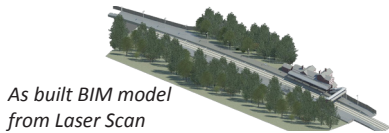
*"Using their 3D capabilities, Bridgeway took a laser scan and transformed it into a fully working 3D representational model from which we produced our design. The accompanying technical support they offered along with their understanding of the railway environment were crucial in achieving this delivery"*

# BIM SERVICES

A Building Information Modelling & Management service that provides a holistic approach in accordance with the government mandate & guidelines for construction information management.

## WHAT WE CAN DO

Our Scan to BIM service is the first step in renovation and refurbishment projects. The as built data can be gathered out on site by our geomatics team using state of the art laser scanning technology. The point cloud data can then be utilised to produce a fully collaborative data rich BIM model to the required level of detail. The model and information contained within it can be produced in accordance with the latest government guidelines in particular the PAS1192-2 BIM Protocol. Here at Bridgeway we can liaise with the client at the beginning of a project, ascertain what the employers information requirements are and collaborate to establish a BIM execution plan as laid out in PAS1192-2.



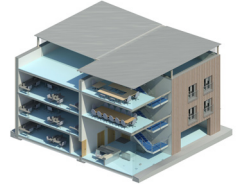
*As built BIM model  
from Laser Scan*

In addition to this we have a range of expertise which allows us to take clients' existing historical data such as 2D drawings and specs and turn them into a 3D model or virtual database of existing information. The model will be handed over to the end user. The as built asset can be updated with any information, for example, remedial works regarding the structure can be incorporated into the model showing a visual representation of the works but also having a description / specification of the work that has taken place. This information can then be digitally archived away and updated. Any updates regarding the model can be incorporated by Bridgeway or if required by the end user. Full training can be provided to the end user on how to maintain the model.

We can also offer a variety of services regarding the interrogation of the models for example various analysis of a given structure, quantity extracts and scheduling of information, design intent, construction documentation and drawings which can be extracted from the model and comply to current UK building Regulations.



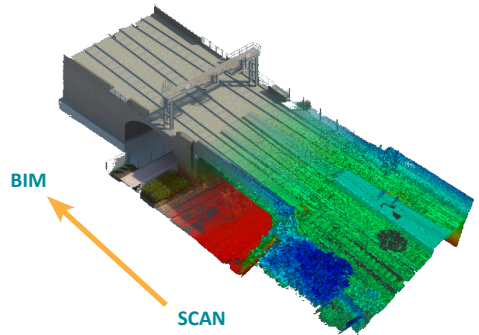
*Lighting Analysis*



*Retrofit modelling*

## KEY BENEFITS

Through the use of the latest industry standard BIM software we can produce highly accurate models to be handed over to you, which will enable you to work immediately in a BIM environment and allow you to incorporate your design intent from the start, eliminating the need for you to manipulate the survey data in any way.



## FURTHER INFORMATION

Our professionally qualified BIM team has over 20 years experience in CAD & construction document information delivery, along with invaluable experience in varying construction techniques.

If you would like to arrange a consultation with regards to the benefits & varying deliverables that can be extracted from the models then please feel free to give us a call on the number below:

**T: 0115 919 1111**

**E: [enquiries@bridgeway-consulting.co.uk](mailto:enquiries@bridgeway-consulting.co.uk)**

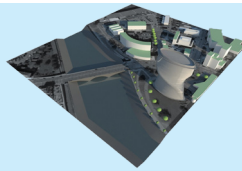
**W: [www.bridgeway-consulting.co.uk](http://www.bridgeway-consulting.co.uk)**



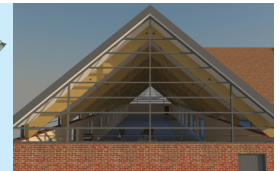
*Signalling Study*



*Siting study from footbridge*



*Photo montage*



*Concept design models*