

# Access for All - BIM and Digital Data Sharing Save Time and Improve Accuracy

OSBORNE

3D modelling and data sharing improved planning and efficiency as part of the Reading 10 Car Capacity Programme and Access for All.

<b>PROJECT</b>	Ascot Station
<b>CUSTOMER</b>	Network Rail
<b>LOCATION</b>	Ascot
<b>CONTRACT</b>	Reading 10 Car Capacity/Access for All

# Issue

The station underwent enhancements including a new lift and staircase as well as a lengthened platform that can cater for 10 carriage trains.

The project used 3D modelling and digital data sharing to improve efficiency and project tracking; in particular, between the two shift teams working on site. BIM and digital information sharing processes are central to achieving the aims of enhanced value and creating detailed repositories of asset information.

# Solution

The site team used mobile devices to access BIM 360 Field and to capture data. Daily diaries accessed via a tablet included local weather updates. Details of the number of workers on site and hours worked

were captured automatically and daily updates including notes, descriptions and time stamped photos were also captured electronically.

The solution used tasks, checklists, documents and drawings to create a workflow to ensure all necessary data was captured. Relevant documents and drawings were attached to each task along with the required QA checklist.

Digital information sharing improved the handover between shifts and included progress photos, shift work descriptions, issues, and work completion.

# Outcome

Significant time was saved by the auto submission of daily diaries into iGO. The accuracy and efficiency of information sharing between the two site teams was significantly enhanced

by the shared data environment. Using digital methods improved the quality of data captured by adding photos to checklists and tasks.

Efficiency was also improved by the ability to access drawings and documents via a mobile device.

