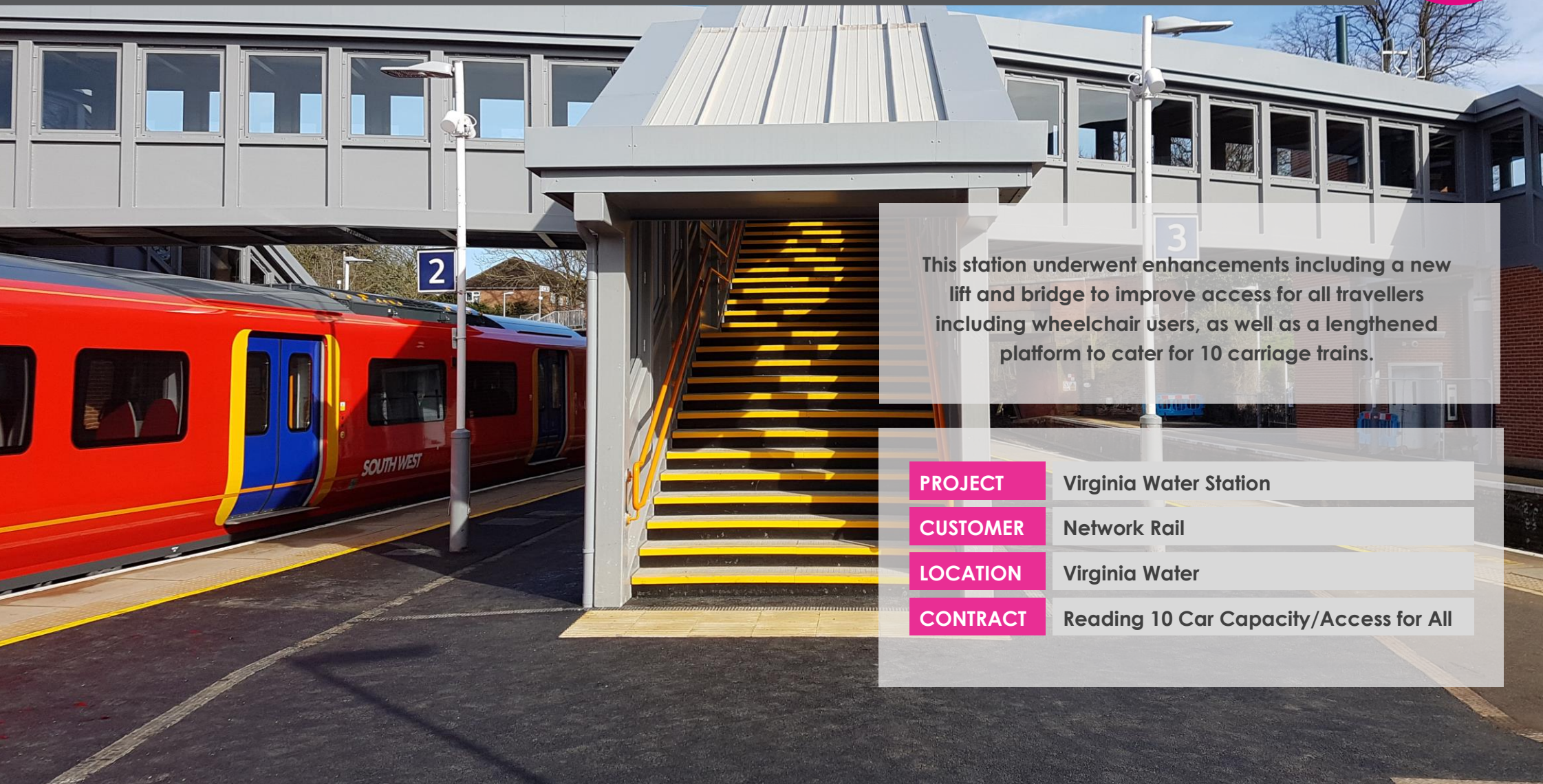


Access For All and Platform Extension Supported by BIM 360 Field

OSBORNE



This station underwent enhancements including a new lift and bridge to improve access for all travellers including wheelchair users, as well as a lengthened platform to cater for 10 carriage trains.

PROJECT	Virginia Water Station
CUSTOMER	Network Rail
LOCATION	Virginia Water
CONTRACT	Reading 10 Car Capacity/Access for All

Issue

In addition to lengthening the platform and improving access, it was essential to create a detailed repository of asset information. A major upgrade programme delivered across multiple stations demands highly efficient working and data collection.

Solution

The project used 3D modelling and digital data sharing to improve efficiency and project tracking. 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. Daily updates including notes, descriptions and time stamped

photos were 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.

Outcome

Significant time was saved by the auto submission of daily diaries into iGO. The accuracy and efficiency of information sharing between the site and project teams was significantly enhanced. Off-site personnel monitored and analysed onsite activities through dashboards and live reporting tools in an online environment. Using BIM 360 Field created a workflow as documents, photos

and checklists were attached to tasks. Work was better organized during the project, making the recording of data fast and accurate.

Efficiency was also improved by the ability to access drawings and documents via a mobile device. The digital data recording gave the information structure. Reviewing the data was streamlined.

