



Overview

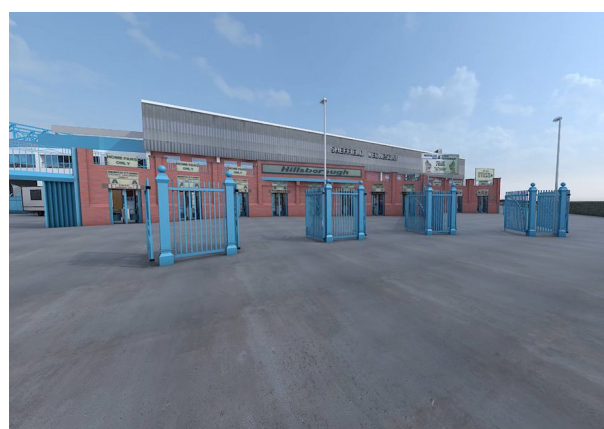
The high-profile Operation Resolve – Hillsborough criminal investigation – was set up by the Home Secretary in 2012. The purpose of the investigation was to prove or disprove whether the 96 people killed at Hillsborough Stadium on 15 April 1989, were unlawfully killed, and where any individual or organisation is criminally culpable for their role in the disaster.

Solution

In 2014/2015, R2S was employed to produce a 3D model to facilitate understanding of the stadium as it was at the time of the 1989 disaster. This involved 360° spherical photography, data build and 3D modelling, to allow the jury to develop a stronger understanding of the infrastructure. In order to apprehend the physical changes made in the intervening years, the virtual images of the 1989 stadium were combined with a model of the current stadium, and finally into a present-day photographic capture.

Results

By using the R2S system and a 3D model, the jury could easily access navigable representations of Hillsborough Stadium, past and present, which enabled the jury and court to see how the stadium had changed over time. CCTV footage from the day of the tragedy was added and contextualised within the 1989 3D reconstruction, to support detailed investigations. Relevant data was also placed within the models, and complex information was presented simply and intuitively, allowing Operation Resolve to strengthen their understanding and make more informed decisions.



1989 3D recreation