

Scottish 10 & The Sydney Opera House

Client

Sydney Opera House Trust

Project

Work with 'Scottish 10' to create a digital record of The Sydney Opera House.

Background

"Scottish 10" is a unique partnership between Historic Scotland and The Glasgow School of Art's Digital Design Studio. They used cutting edge technology to create exceptionally accurate digital models of nominated international heritage sites.

The Opera House in Sydney was one such site. Scottish 10 needed Height Access skills and Kerrect was asked to help.

Kerrect had a two week window, to design, build and trial two rigs that could ensure 100% vertical and 100% horizontal measures... and hold in place sophisticated digital scanning equipment, on top of the 'sails' of The Sydney Opera House.



Objective

To provide safe access to people and facilitate operation of 3D laser mapping equipment, on the top and sides of The Sydney Opera House.

Outcome


The bespoke rigs covered all areas successfully and, with special access approvals, were transferred from one 'sail' extremity to the next, on a purpose built 'flying fox' construction. This enabled, fast, accurate and safe mobility, resulting in the entire site being digitally mapped within designated timelines.

Footnote: While atop the Opera House, accuracy was secured within 3mm tolerance levels. Below, areas of the external envelope affected by the work, were secured in accordance with Australian Safety Standards.

Client Comment

"We had special, custom made rigs, to suspend our scanners off the roofs of the sails so that we made sure we collected 100 percent of the data... we would like to thank Kerrect Group for their expertise in keeping the team and the equipment safe on the sails of The Opera House." – **Scottish 10**

For over fifteen years, Kerrect has built a reputation as the 'go-to resource' for height safety & rope access & safety netting services in New South Wales. We are also now able to service your needs in the South East Queensland region.



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