

# Reality Capture

## Features

- Time to scan: a 1000sqm open plan office space takes approximately 6 hours
- Time to produce model: 24 hours once scans are complete
- Accessibility: Embedded links available online, with privacy options
- Point Cloud output is also available

## Benefits

- Time is money! Less time spent gathering site conditions, constraints and essential information
- Minimises the need to revisit the site (Particularly useful for remote/regional locations)
- 3D visual record of the property at a specific date

At a recent design team meeting our client asked if the rear door of his restaurant was wide enough to allow the delivery of a generously proportioned commercial fridge. We launched our Reality Capture files for the hotel's kitchen right there and accurately measured the doorway dimensions in just a few moments.

When asked how construction was progressing on site, we offered a virtual tour in 4K HD resolution, again courtesy of our Reality Capture capability.

At Stantec, we've been using Reality Capture for the last five years. Information is collected from site using sophisticated drone- or tripod-mounted camera technology. Thousands of still images are processed via web-based software to recreate each internal space in a fully explorable virtual model.

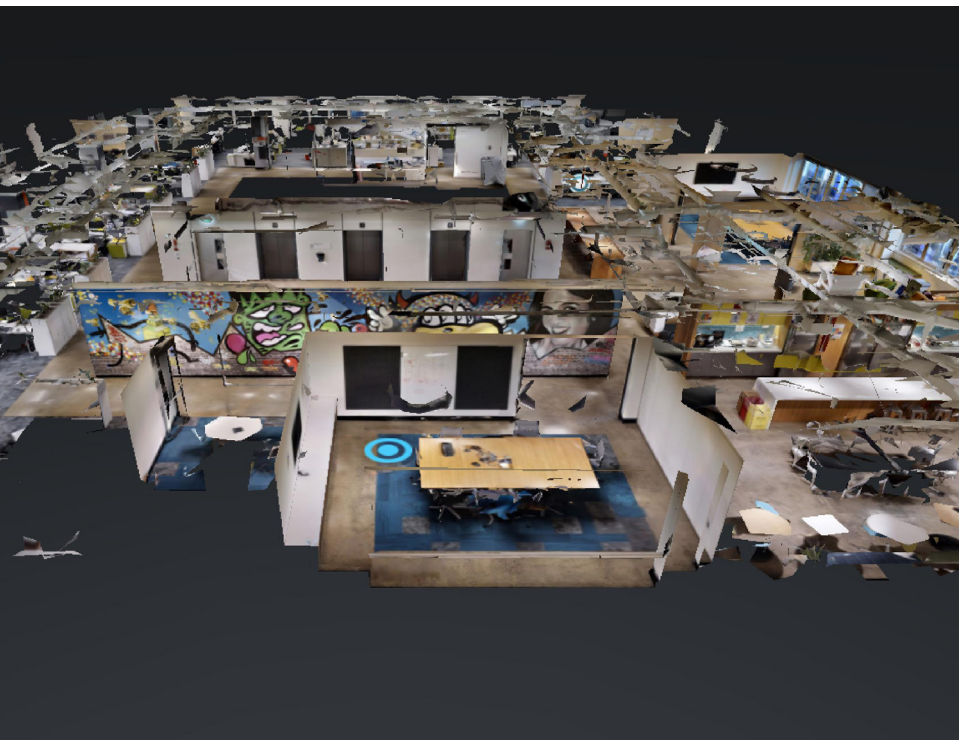
Reality Capture is just one of many tools in our Digital Engineering toolkit that adds real value to the way we work - helping to deliver efficiency, cost and programme benefits to clients.



## CASE STUDIES

This regional hospital redevelopment, completed in two phases, used Reality Capture to provide “certainty of fit” between new and existing services. It also enabled the entire design team to use the resulting model to carry out desk-based defect inspections, with the ability to share accurate installation details with the client, builder and sub-contractors. This significantly reduced time and costs for our client.

 MANNING HOSPITAL, NSW



Creating the new 1,200m<sup>2</sup> office at 570 Bourke Street in less than five months - from start of design to completion of construction - posed some unique challenges. Reality Capture was central to our success. In close collaboration with the architect, we achieved an outcome that the whole team is very proud of.

 STANTEC MELBOURNE OFFICE (DOLLHOUSE MODEL)

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