3D site capture

Enabling faster and more accurate design services

Our approach to planning far exceeds a typical 2D study or even BIM modelling. We believe that situating a design within its wider surroundings is imperative to achieving the most creative, commercial outcome that's technically proficient and fit for purpose. We use a varied set of technological tools to consider all options and create more successful places. If you work solely in 2D, your perspective is confined to the flat and static. You can't fully understand levels, nor can you truly optimise typology for a particular site. But when you work in 3D, you can fine-tune every detail, including viewpoints. The outcome? Better-designed, more desirable, weathertight solutions.

We use drone capture and photogrammetry, as well as our 3D scanning services. Drone capture uses photogrammetry to generate the greater context of a site. Post-capture, this footage is employed for a multitude of purposes, including informing as-built records of spaces we're unable to access safely. Drone capture allows us to gain a comprehensive three-dimensional understanding of a site, including the 'in between' spaces — an invaluable level of detail we'll then use to create an optimal design.

We use 3D scanning across retail, commercial and industrial sectors for: Turning FM into 3D (by tagging models), fast turnaround leasing plans, due diligence assessments, BIM and services integration, seismic inspections, 3D design integration and modelling for VR, as-built, as installed and condition surveys.

context