

# Working with Architects

## Our clients include:

ERMC  
Murphy Phillips  
Campbell Reith  
Peter Brett

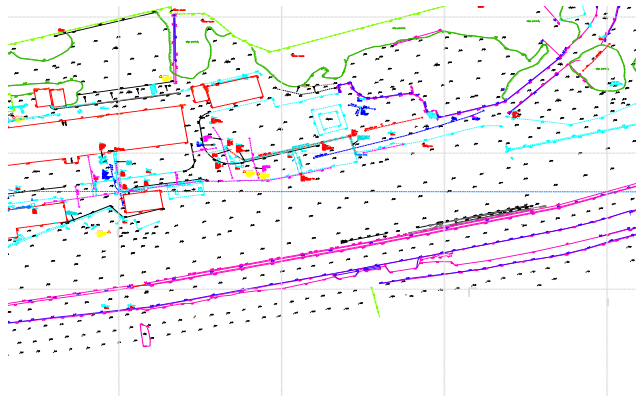
## A background with architects

Topscan have been providing survey and CAD services to architects for over 25 years. These services include topographical and building surveys using Total Station and Point Cloud scanning methods as well as M&E asset surveys, CCTV drain surveys and sub surface radar surveys.

Detailed and reliable measurement data is vital in the design and planning phase of new build and building refurbishments – for both interior spaces and outdoor facilities. Because accuracy and error-free measuring are the basis for all successful projects, the simple processing of 2D views is now no longer enough in most cases, and the use of Revit models is now required as part of the BIM process which ensures accuracy and reduction in services clashes from the very start of a project.



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## Why architects choose Topscan

Topscan offer a UK wide 'one stop shop' for all the potential services that may be required. Using solely our own surveyors and equipment, this gives our clients the opportunity to work with us on all of their projects so that they can be sure of consistency of quality and deliverables.

## What we can offer

- 3D laser scanning (Point Cloud)
- Topographical survey
- Full measured survey
- M&E asset and services survey
- Revit modelling (BIM)
- CAD/BIM bureau services
- Sub surface services radar surveys
- CCTV surveys
- Building services co-ordination

## How these services can help you

Whether you are looking to design a new build, refurbish existing buildings, extend or are simply looking for planning permission, the need for accurate drawings is fundamental to ensuring the success of the project delivery. As a one stop shop for all your surveying and CAD needs we are able to complete all of your surveys requirements in a single project that will reduce timescales and costs as well as giving you a single point of contact.

## A recent case study

Topscan has recently completed a Topographical, Sub Surface Radar and Full Measured Surveys of a former WW2 military site on the South Coast. The areas included green and brown fields as well as a large stretch of beach, dilapidated buildings and sea wall defences.

Due to the varying conditions we had to use a range of surveying techniques to capture the information and to create a set of drawings that captured the information required. The project meant working at times when the tide allowed so as to capture the services that ran into the sea as well as information on the sea wall.

// Working with Topscan on multiple projects has given us the opportunity to see the wide range of services they provide, and we have been impressed by the standard of work. This has meant an efficient and hassle-free experience with our projects and we would recommend Topscan to anyone that wants quality, professionalism and great customer service. We have found the point cloud surveys particularly useful as not only do they provide accurate building measurements but also a photographic record of the existing buildings which has been invaluable on some of our heritage building projects.

*Chris Chatwin – ERMC Technical Director*



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### Survey Services

Measured Building  
Surveys  
Drawing Verification  
Surveys  
M&E Asset Surveys  
M&E Services Surveys  
Fire Services Surveys  
Medical Gases Surveys  
Condition Surveys  
Occupancy Surveys  
3D Laser Scanning /  
Point Cloud  
Topographical Surveys  
Building Elevations  
Space & Asset Tagging  
(GS1)  
CCTV Surveys  
Sub Services  
Radar Surveys



### CAD Services

Full CAD Bureau  
Drawing Review,  
Maintenance &  
Management  
Drawing Hosting  
CAD Standardisation  
2D Draughting  
3D Modelling  
Elevations  
360° Building Virtual  
Walkthrough  
BIM / Revit Modelling  
Fire & Evacuation Plans  
Building Services  
Co-ordination



### Scanning

Scan & Print Bureau  
Document Scanning  
Document  
Management System  
Population  
Drawing Scanning  
Invoice Scanning  
Indexing & Bookmarking  
OCR  
Document Hosting



### Compliance

Fire Risk Assessments  
Fire Compartmentation  
Surveys  
Glazing Audits  
Window Restrictor Audits  
Asbestos Re-inspections



### CAFM / CMMS

CAFM Population  
PPM Planning  
CAFM Implementation  
& Services  
CAFM ISP  
CAFM Management  
CAFM Implementation