CADS Surveys

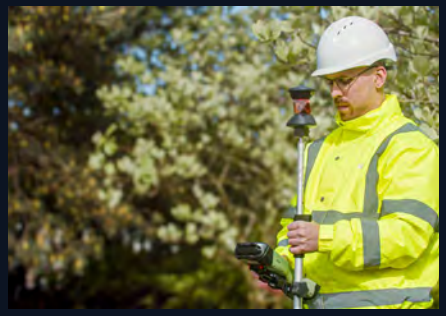
Precision Measured Surveys
for Confident Project Planning

- Measured building surveys
- Laser surveys
- Point clouds
- Matterport surveys
- 3D BIM surveys
- 3D Revit® models
- Topographic surveys
- Drone surveys
- GIS services
- 2D and 3D CAD drawings





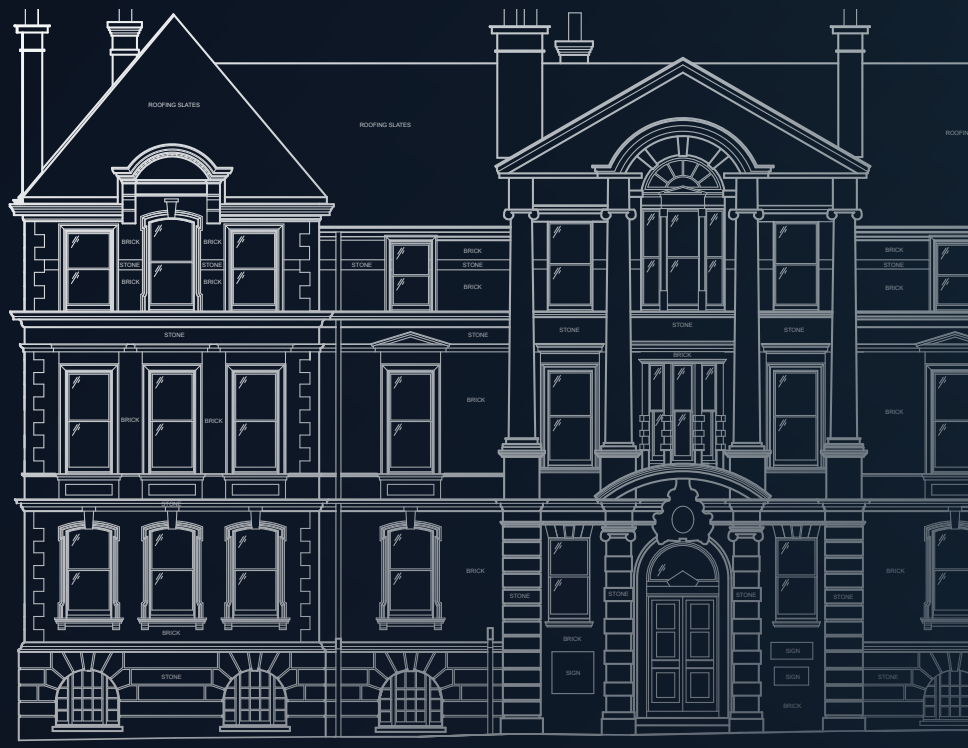




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CADS Surveys



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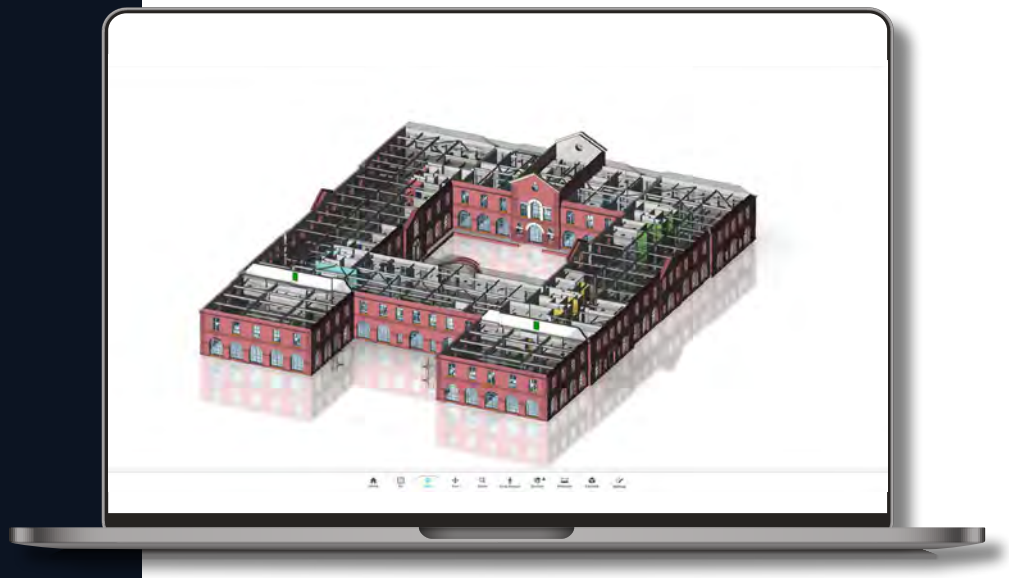
Introducing CADS Surveys.

The measured survey specialists.

CADS Surveys is one of the UK's leading companies specialising in the creation, management and publication of design and building data.

Established 40 years ago and with 154 CADS combined years of surveying experience in land and measured building surveying, our team of professional surveyors will provide you with an accurate and timely measured survey delivered to your required specification.

Operating throughout the UK, Europe and North America our surveyors can survey an individual building or an entire estate and have the capability to fulfil multiple surveys for large roll-out programmes.



CADS Surveys

Who we are.

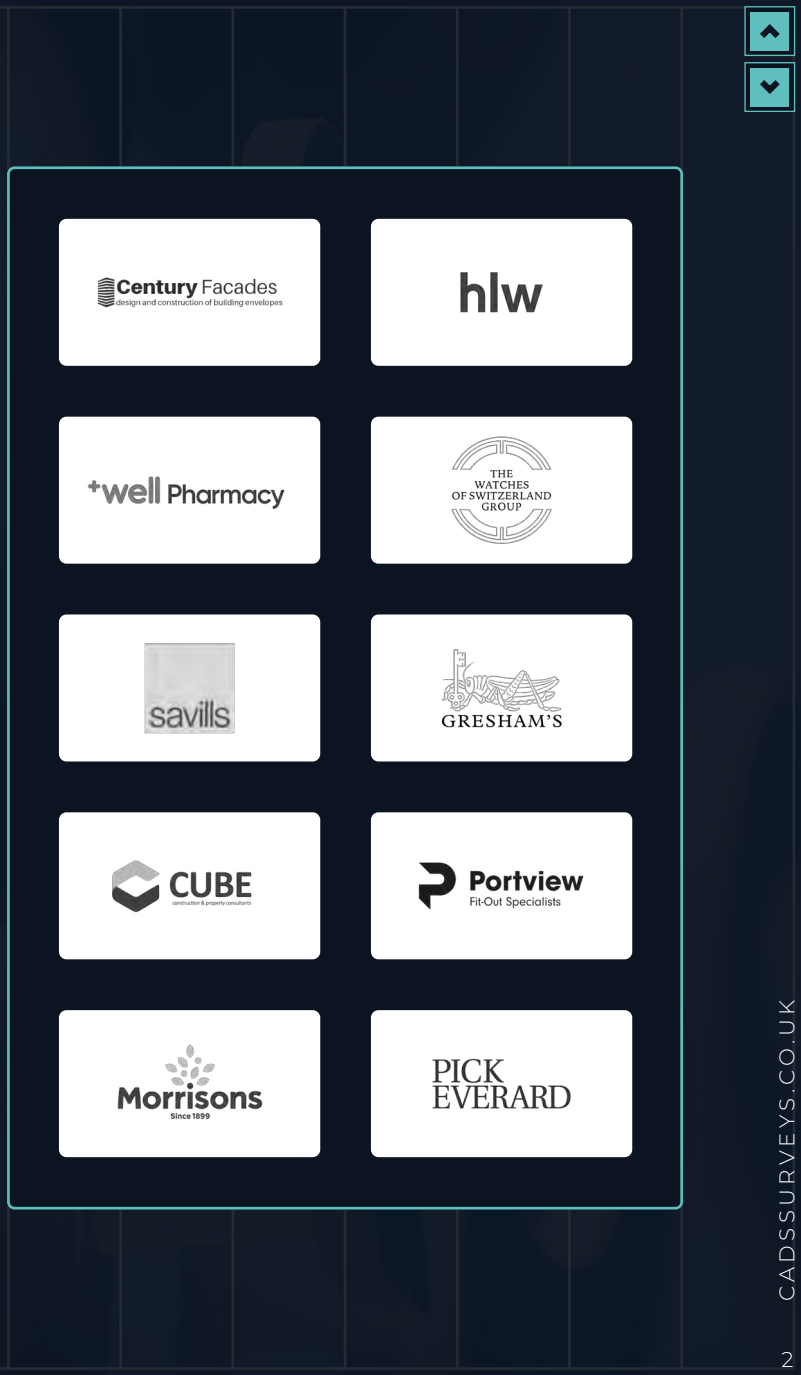
Leaders in measured site surveys.

CADS Surveys

Over the last four decades we have developed an excellent reputation and as a result many blue-chip clients are among our repeat customers.

We have an experienced in-house team of surveyors who provide fast, reliable, and accurate data for architects, designers, building contractors, property professionals and project teams.

We use the latest technology, meticulous professional standards and expert analysis to continually improve the quality of service we offer our survey clients.

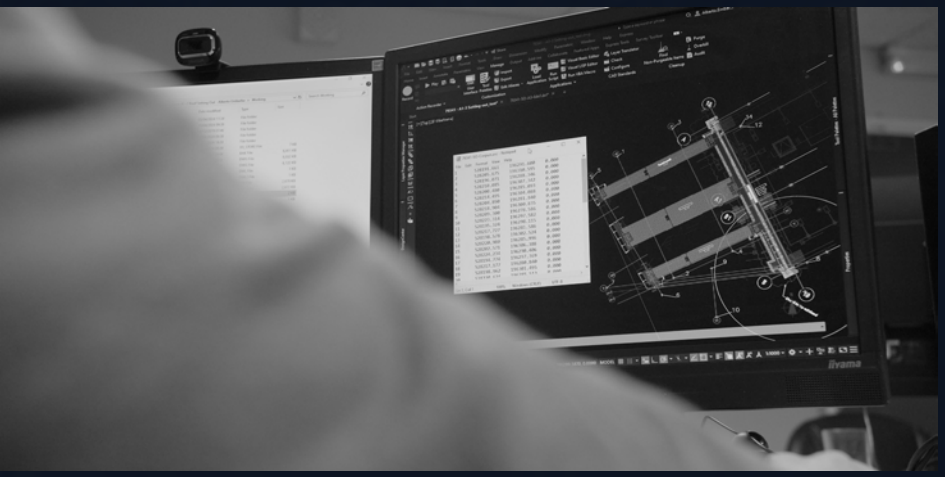


CADS Surveys

What we do.

Accurate and reliable survey data.

We will capture and deliver accurate survey data that you can rely on. Whether for a large complex estate or a multiple location roll-out project, we have the compitence and capability to successfully fulfil your survey requirements.



We will help you develop the best specification for your immediate needs and budget, avoiding costly project delays, while highlighting opportunities for longer term value.

Your 2D plans or 3D model can be digitally delivered so you can quickly and confidently get down to work.

CADS
Surveys

40

Backed up by 40 years' surveying experience, CADS Surveys has a strong and proven track record of working in the Commercial, Public, Light Industrial & MEP, Corporate & Construction sectors.



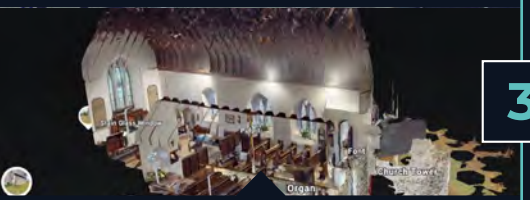
1

2D CAD floorplan



2

Point cloud from laser survey



3

Matterport digital twin



4

Architectural survey model



5

Area report from measured survey



6

Land terrier record

CADS Surveys - our services.

1. Measured building surveys

2D Floor plans, reflected ceiling plans, roof plans, elevations and sections prepared in CAD. Typical inclusions are external/internal walls, doors, windows, stairs, columns, beams, all with height information, plus fixed fixtures and fittings.

2. Laser surveys to create point clouds

A 3D digital file providing measurement data from LIDAR (light detection and ranging) 'Points' overlayed with photographic imagery to assist with visual interpretation when used to create architectural survey models. Delivered as Digital terrain modles (DTM) and Digital surface models (DSM) – to various Levels of Detail (LoDs).

3. Matterport surveys and digital twins

Creating a collaborative virtual environment, a Matterport survey is delivered as a Digital Twin that enables design teams to work remotely when a project is at feasibility stage, design or under construction. This immersive 3D space allows your project team to take measurements and review site conditions. In addition, specific assets or elements can be tagged with relevant notes, documents, media, and hyperlinks, speeding up the communication process, enhancing the design, and enabling data driven decisions.

4. 3D BIM surveys for Revit digital construction models

Computer-generated 3D Revit models providing a digital representation of the as-built building with data scheduling capabilities.

5. Area reports

A schedule detailing the GEA (Gross External Area), GIA (Gross Internal Area) and NIA (Net Internal Area) of a property in accordance with the RICS (Royal Institute of Chartered Surveyors) Code of Measuring Practice 6th edition, or IPMS (International Property Measurement Standards).

6. GIS services and datasets

Land terrier record and Land Registry compliant Title and Lease plans.



7

Topographic map from topographic survey



8

UAV drone surveys



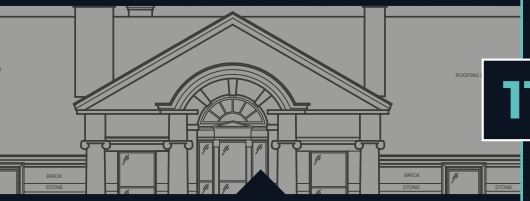
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Utilities mapping



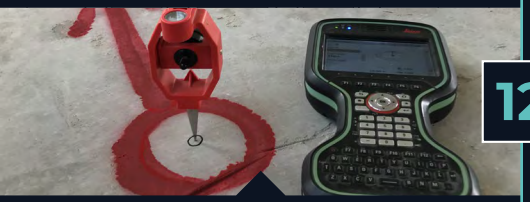
10

Photographic records



11

2D & 3D CAD drawings



12

Setting out surveys

CADS Surveys - our services.

7. Topographic and terrestrial surveys

LIDAR or GPS surveys of land to include terrain, contours, levels features and furniture assets to create a point cloud data file, used to generate 2D plan drawings or 3D terrain model outputs.

8. UAV drone surveys

A UAV (Unmanned Aerial Vehicle) enabled photographic survey providing high resolution imagery that can provide opportunities for a RICS building surveyor to comment on the condition of building fabric, roofs, to identify possible defects or maintenance issues, creating a ortho-photo-mosaic deliverable.

9. Utilities mapping

Comprehensive below ground surveys including live mark up, electro-magnetic location of conductive (metallic) services and ground penetrating radar (GPR) grid capture for non-metallic services. Utility survey results are usually incorporated within 2D or 3D topographical surveys and are undertaken to determine the position of existing services within a site, enabling contractors to work with increased confidence when undertaking site works.

10. Photographic records

A collection of digital photographs that provide a visual record of the building's condition and features to support the survey data.

11. 2D and 3D CAD Drawings

Our UK-based technicians offer a tailored and comprehensive range of CAD drawing services in 2D and 3D – using leading CAD software and modelling, including AutoCAD, 3D Max and Revit.

12. Setting out surveys

Transferring and accurately positioning architectural elements from the virtual 2D or 3D design information into the physical real-world environment.

How we work.

Delivering on time and in budget.

We take a collaborative approach from the outset to establish a survey specification tailored exactly to your requirements.

Using our experience, we will advise on the best approach to make sure you get the data you require in the most flexible format, by the time you need it. Keeping to timescales allow you to avoid rising costs, reworking your project and delays.

Smart and innovative data management is embeded into our work processes and we use the latest technology to improve accuracy and meet the demands of digital construction.

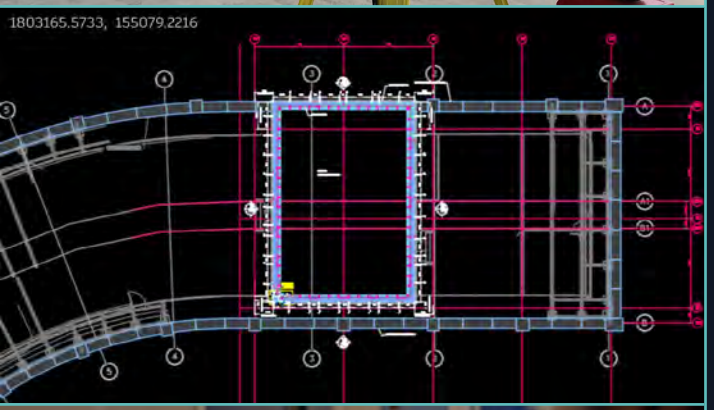
Our consultative approach makes us responsive to your needs. It also helps us to deliver your requirements on time and in budget.

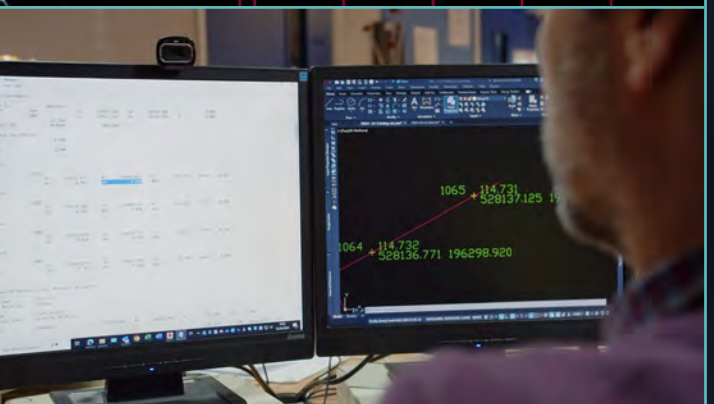
CADS Surveys

By building long-term client relationships, we develop high levels of trust and knowledge, enabling us to deliver the best results for you.









How we work.

Delivering for our clients.

> **“ We’re very pleased with the service and expertise provided by CADS Surveys throughout the entire project.**
>
> **Their diligent survey team not only delivered accurate data promptly, but also accommodated our evolving requirements.**
>
> **The data provided by CADS Surveys has helped us deliver a high quality façade package while adhering to stringent safety and compliance standards. ”**

Luke Davies MCIOB, BSc (Hons)

Contracts Manager - Century Facades

Read the full case study online

Read further insightful survey case studies on our website:

cadssurveys.co.uk/projects

Why work with CADS Surveys?

Professional standards

Our work is conducted in compliance with applicable RICS standards and industry best practices, ensuring our deliverables are of the highest quality.

Trusted by industry leaders

We have established long-term partnerships with several Blue-Chip companies reflecting their confidence in our ability to provide a high level of service.

Scalable services

Whether supporting a single site or managing a large estate rollout, our services are fully scalable to accommodate projects of any size or complexity.

Proven track record

We possess a robust portfolio of successfully delivered projects spanning construction, commercial, retail, and other key sectors.

CADS Surveys

Contact us.

Discuss your project with an expert.

If you would like to discuss a survey project in detail and to find out how we can help you deliver your next project on time and in budget, please get in touch.



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Connect with CADS Surveys on Linkedin to keep up to date with the latest survey trends, insights articles and case studies.

linkedin.com/showcase/cads-surveys

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CADS Surveys

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- **Laser surveys**
- **Point clouds**
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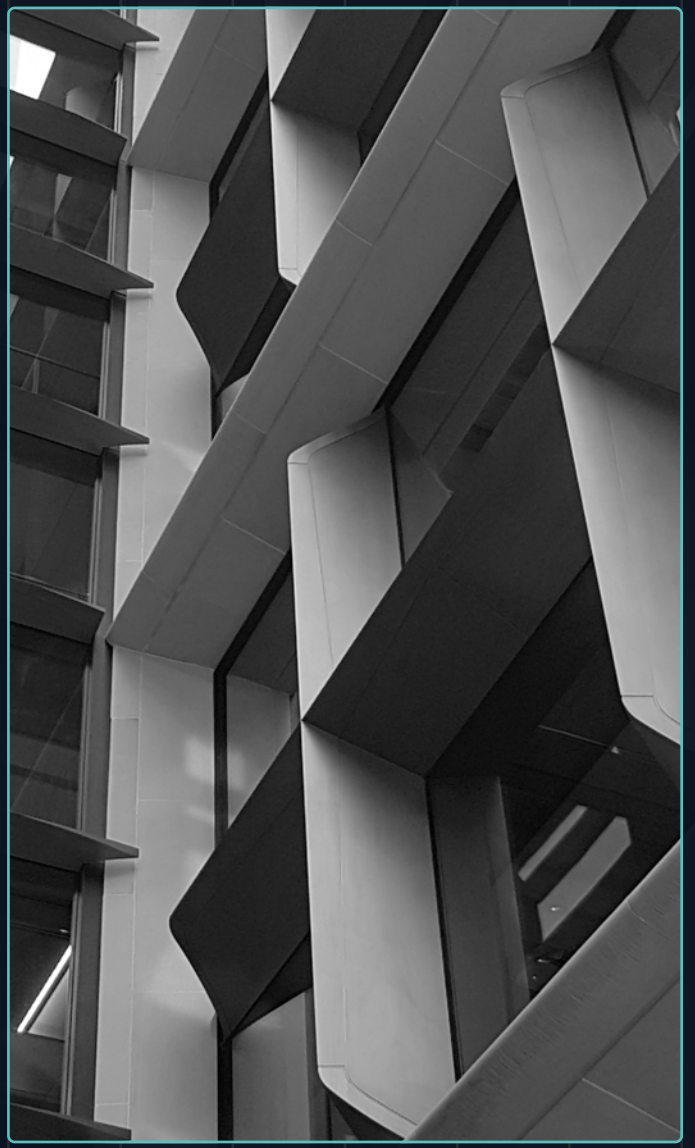
CADS Surveys

Ready to get your project started?

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