

# <https://topographical-surveys.com> Secures Landmark UK Contract Using Leica RTC360 Scanner for 3D Printing in Film

*Under the contract, Topographical Surveys.com's expert team will deploy the Leica RTC360, capable of capturing up to 2 million points per second*

LONDON, UNITED KINGDOM, June 27, 2025 /EINPresswire.com/ -- Leading UK surveying firm <https://topographical-surveys.com> is proud to announce a major new contract to scan several iconic London landmarks using their cutting-edge Leica [RTC360](#) 3D laser scanner, producing ultra-detailed 3D point clouds for use in film-industry grade 3D printing and VFX.

**Next-Gen 3D Reality Capture in London**  
Under the contract, Topographical Surveys.com's expert team will deploy the Leica RTC360, capable of capturing up to 2 million points per second, with under-two-minute HDR scans—delivering high-fidelity data ideal for photorealistic 3D prints and cinematic digital models <https://topographical-surveys.com/land-surveyors-london>

The first phase will capture structures such as the Tower of London, St Paul's Cathedral, and the London Eye, laying the groundwork for film studios seeking exact replicas for physical sets and digital environments. <https://topographical-surveys.com/land-surveyors-london>

**Topographical Surveying:** Foundation of Modern Design

A topographical survey—also known as a land survey, site survey, or contour survey—maps natural and built features across a site, including elevations, contours, utilities, vegetation, and structures. In the UK, these surveys underpin everything from urban development in London and Manchester to rural planning, infrastructure design, and environmental projects <https://topographical-surveys.com/>



MEMBERS OF THE SURVEY ASSOCIATION

**CONTACT CADMAP LTD**  
**IF YOU REQUIRE:-**

- ✓ Topographical Surveys
- ✓ Measured Building Surveys
- ✓ Site Engineering
- ✓ Land Surveys
- ✓ Site Surveys
- ✓ Utility Surveys
- ✓ GPR Surveys
- ✓ Highway Surveys
- ✓ Drainage Surveys
- ✓ Site Setting Out
- ✓ GPS Surveys
- ✓ 3D Laser Scanning
- ✓ BIM Revit Surveys
- ✓ Verified View Surveys

Land - Utility Mapping - Measured Surveys

Surrey Office-01483 429385  
London Office-020 8111 385  
[www.cadmap.co.uk](http://www.cadmap.co.uk)  
[info@cadmap.co.uk](mailto:info@cadmap.co.uk)

**SCAN ME!**

Surveying

By gathering centimetre-accurate data with GPS, total stations, LiDAR, and laser scanning, surveyors deliver essential information for architects, engineers, local authorities, and heritage planners.

Topographical-Surveys.com leverages these techniques nationwide—from Greater London to Greater Manchester, and across all major UK cities.

<https://topographical-surveys.com/>

Why Topographical Surveys Matter in the UK  
Planning & Compliance – Essential for UK planning applications, aligning designs with terrain and local authority regulations.

<https://topographical-surveys.com/land-surveyors-brighton>

Risk Management – Identifies hazards such as uneven ground, flood risk, and subsidence early—preventing future cost overruns.

Design Precision – Enables architects and engineers to create site-specific structures that respond to topography and existing infrastructure.

Heritage Recording – Captures historical buildings accurately, preserving them digitally—a critical element in heritage-sensitive contexts.

“

“This project represents a milestone not only for Topographical-Surveys.com but for the intersection of geospatial science and creative industries,” said James Whitfield, Lead Surveyor”

*James Whitfield*

In bustling city environments like London and Manchester, high-density development demands precise site information to coordinate utilities, address airspace constraints, and support multi-storey construction. Similarly, rural and environmental planners rely on survey data to model flood plains, greenbelt boundaries, and agricultural land management.

Leica RTC360: Power, Precision & Pace

Topographical-Surveys.com chose the Leica RTC360 for its

unrivalled performance:

Compact & Robust – Lightweight and backpack-portable at ~5kg with collapsible tripod—ideal for navigating city streets – essential for film-set workflows

High Accuracy – Sub-3mm precision at 10m ensures detailed fidelity, essential for 3D printing



Landmark Scanning

and CGI model building

These features allow

Topographical Surveys.com to scan landmarks quickly and accurately, providing film studios with ready-to-print 3D data and immersive digital twins.

Landmark Scanning for Film

Each landmark produces point clouds that feed into post-processing workflows to generate mesh models suitable for 3D printing, physical scale models, or virtual sets. This service supports:

Set Fabrication – Accurate printed facades and props

<https://topographical-surveys.com/land-surveyors-london>

Visual Effects – Real-world geometry for CGI scenes

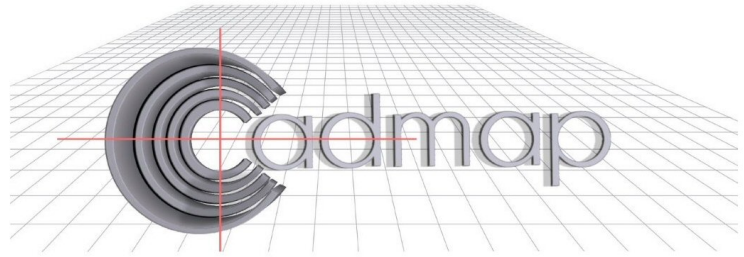
Virtual Filming – Digitally reconstructed environments for virtual production

Topographical Surveys.com is a UK-based firm specialising in 3D laser scanning, topographical and measured building surveys, UAV photogrammetry, and GIS data capture. Certified by RICS and utilising Ordnance Survey-aligned methods, the company guarantees precision and compliance.

Topographical Surveying in the UK – Accurate Mapping for Land Development

Topographical surveying in the UK is essential for developers, architects, planners, and engineers who require precise data about land features before starting a project. A topographical survey (also known as a land or topo survey) provides a detailed and accurate representation of the natural and man-made features of a specific site — including ground levels, buildings, roads, trees, boundaries, and utility lines.

At Topographical-Surveys.com, we use state-of-the-art surveying technology including Leica total stations, GPS systems, UAV drones, and 3D laser scanners to deliver fast, reliable, and cost-effective topographic surveys throughout London, Manchester, Birmingham, Glasgow, and across the UK.



Comapny Logos

Whether you're planning a housing development, infrastructure upgrade, or commercial construction project, a topographical survey reduces risk by identifying elevation changes, drainage issues, and hidden site constraints early in the planning process.

We produce detailed CAD drawings and digital terrain models (DTMs) to support architectural design, civil engineering, and planning applications. Our experienced team works closely with local councils and developers to ensure compliance with UK building regulations and planning laws.

If you're looking for professional topographical surveying in the UK, trust our specialists for high-accuracy data, fast turnaround times, and excellent customer support.

For more information or to arrange a scan:

☐ Call: 01483 429385

☐☐ Email: [info@cadmap.co.uk](mailto:info@cadmap.co.uk)

☐ Visit: <https://topographical-surveys.com/>

#### About Leica RTC360

Leica RTC360 is Leica Geosystems' flagship portable laser scanner featuring 2 million points per second, complete HDR imaging, and VIS-based targetless registration—designed to modernise 3D reality capture in architecture, heritage, construction, and film .

Topographical surveying, Leica RTC360, 3D laser scanning, London landmarks, 3D printing for film, UK cities (London, Manchester), topographical survey UK, land survey, site survey, contour survey, heritage scanning.

Andy Finn

Cadmap Limited

+44 7789 870643

[email us here](#)

Visit us on social media:

[LinkedIn](#)

[Instagram](#)

[Facebook](#)

[YouTube](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/825904565>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

