



# EPI Geospatial Capability Statement

[www.epigroup.com](http://www.epigroup.com)





# What can we do for you?

EPI Geospatial, in collaboration with our JV partner GN Surveys Ltd, provides a range of hydrographic, topographical, inspection and aerial surveys using innovative technical solutions to accurately capture and present data. GN Surveys Ltd have over 21 years' experience in the civil engineering industry, and over 9 years' experience in UAVs, with an enviable track record of over 16 years supplying high quality site engineers and land surveyors.



# Capabilities

EPI Geospatial work to achieve an innovative and cost-effective method for capturing data and delivering that data to our clients. To date most of EPI Geospatial projects have been concentrated in the environmental and construction industries, including Quarrying, Flood Mitigation and Housing Development.

EPI Geospatial has a priority to deliver outstanding products with quality and innovation at the forefront. With help from strategic partners and other members of the EPI Group, we can offer a range of products that make us unique.

EPI Geospatial offers a fully integrated approach when it comes to surveying. From traditional surveying, to inspections, monitoring, volumetric calculations and 3D modelling. We will use a mixture of tried and tested surveying methodologies, along with innovative and market leading technologies to give our clients the product and service they need.

EPI Geospatial team has over 50 years' combined experience servicing the construction, environmental and design industries:

- Completed some of the largest UAV surveys in the UK.
- The first in many special CAA permissions for Aerial UAV operations.
- Worked for and with some of the largest companies in the UK.
- Instrumental in the use of UAV's within the construction industry.



# Services Listing

## Aerial / UAV Surveying

- 2D & 3D Topographic Surveys
- Planning
- Legal Services (boundary disputes)
- Habitat Monitoring
- Structural deformation monitoring
- Dynamic capture of structures at risk
- Arboricultural surveying
- Flood defence
- Volumetric analysis

## Hydrographic Surveying

- River, lake, drainage courses & coastal waters
- Hydraulic modelling
- Water volume calculations
- Flood level analysis
- Aggregate reserve estimates
- 3D profiling

## Point Cloud Processing

- Extracting features

## Topographic Surveying

- Land Surveying
- Legal Services (boundary disputes)
- Structural deformation monitoring
- Volumetric analysis

## Mobile Mapping Surveying

- Land surveying
- Roads and motorways
- River flood defences
- Fast processing turnaround of data
- Vehicle or back pack mounted scanners

## Photogrammetry

- Digital surface models
- Digital terrain models
- Geo-referenced images
- Volumetric calculations
- Inspection imagery
- 360 panoramic photograph
- Photo realistic 3D textured models
- Imagery & video

## Additional Services

- Jetting and CCTV
- GPR Survey - small & large
- Setting out
- Bathymetric survey

# Recent Highlights

Flood defence monitoring for Jackson's Civil Engineering of a 30km earth bank on behalf of the Environment Agency.

Monthly aerial survey of 5 building sites for Countryside Properties – volume calculations and GIS applications / deliverables for the construction team.

In house design of a GIS platform to deliver monthly 360-degree panoramic images captured by UAV on multiple sites. These images are being used in public consultations, planning and progress monitoring on building sites of up to 7000 units per site.

## Memberships & Accreditations



# Contact Us

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## Branch Offices

Azerbaijan, Colombia, Canada,  
India, Norway, Romania, Ukraine



