

3D SURVEYS CONSULTING

**INDEPENDENT LAND AND RAIL SURVEYING CONSULTANTS
OXFORDSHIRE-BASED**

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Services

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SERVICES

TOPOGRAPHICAL SURVEYS
VOLUME CALCULATIONS
CONTROL NETWORK
MONITORING

RAILWAY SERVICES

TRACK SURVEYS
TRACK MONITORING
TAMPING
SETTING OUT
SLAB TRACK



INNOVATION. EXPERIENCE. PRECISION.

We are an independent land surveying consultancy with extensive experience in providing advanced surveys for construction companies, architects, engineers, project managers and land owners.

By providing a highly accurate and innovative surveying service, we aim to support technical excellence, quality, safety and environmental factors for the successful delivery of land, building and railway construction projects.

With over 15 years of land surveying experience, working with leading UK and international construction companies (the majority in the railway industry), 3D Surveys Consulting delivers a trusted, professional and expert service to our clients.

YOU CAN EXPECT

- Fully-trained and highly-skilled land surveyors
- A friendly, professional and cost-effective service
- Experience working with clients directly or as a sub-contractor
- Innovative surveying methodology using cutting-edge technology
- Consistent accuracy first time and every time on small to very large projects
- A tailored solution to support end-to-end project delivery from initial survey to as-built report





SERVICES

Topographical surveys

Levels | Adjacent buildings | Tree locations | Boundary dimensions | Services | Contours
Fence location | Sewer location | Embankments | Vegetation | Water pipes

Volume calculations

Using GPS or total stations and AutoCad | Any area of land or stockpile | Monthly reports

Control network

High degree of accuracy | Supports the design and execution of any project | Any chosen reference system | Can be linked to a high precision levelling network

Monitoring

Constant measurement of a structure due to movements or deformation | Monitor deviation during the construction process | Use of ATS to monitor large areas such as tunnels or viaducts | Data can be transferred from multiple total stations and distributed to a central server for analysis

RAILWAY SERVICES

Track surveys

All aspects of railway and tram infrastructure | PTS qualified | Used for alignment design, gantry positioning, speed enhancement, tamping and final verification

Track monitoring

Check the position of the rails for movement when any work is undertaken nearby
Indicator of potential problems due to a change in the geometric position

Tamping

Pre and post-tamping survey compared against the design
ALC data files produced to feed Plasser Tamper train

Setting out

Specialist in difficult and complicated cases | Setting out track, structures, platforms, S&C, OLE bases, gantry bases, red aspects, signals

Slab track

Accuracy and precision in every step | Avoid very complicated and expensive rectification | Drainage | Setting out | Concrete volume





CONTACT

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