

Multivista – Full Service Definition for G-Cloud Submission

Service Overview

Service Name:

Multivista Visual Construction Documentation & Reality Capture Services

Supplier:

Built Environment Reality Capture Ltd/ Trading as Multivista UK

(Part of the Hexagon Group)

Service Summary:

Multivista provides comprehensive, cloud-based construction documentation and digital reality capture services. Through a combination of professional on-site capture, advanced 3D scanning, drone/UAV imagery, 360° walkthroughs, webcam/time-lapse, and a secure online platform, Multivista delivers full-lifecycle visibility and accountability for construction, refurbishment, and asset management projects.

All captured data—imagery, video, point clouds, CAD/BIM deliverables—is securely stored and accessed via Multivista's cloud platform, enabling public sector clients to track progress, ensure compliance, and maintain long-term asset records.

Service Features and Scope:

Construction Photo Documentation

- High-resolution, professionally captured still imagery at defined intervals and milestones
- Full-room, corridor, elevation, MEP, and structural documentation
- Timestamped and geolocated records for audit and compliance

Self-Capture (Mobile/360°)

- GoCapture mobile app for client-led documentation
- Supports 2D photos, 360° images, and site video
- Automated upload to the Multivista cloud platform

360° Photo Walks / Virtual Tours

- Immersive, navigable site walkthroughs

- Enables remote inspections and progress checks
- Ideal for multi-stakeholder and dispersed project teams

Webcams & Time-Lapse Video

- Fixed-position webcams for continuous visual oversight
- High-definition time-lapse sequences
- Remote, real-time access

Drone / UAV Capture

- Aerial photography and videography
- Site-wide context for large, complex or outdoor projects
- Roof inspections, infrastructure coverage, external envelope analysis

Laser Scanning

- High-accuracy point-cloud capture
- Suitable for new-builds, refurbishment and infrastructure
- Captures structural, architectural, and MEP detail

Scan-to-Plan & Scan-to-BIM

- 2D CAD drawings (floor plans, elevations, sections)
- BIM models (LOD based on client requirement)
- Architectural, structural and MEP modelling options

Deviation Analysis & Floor Flatness

- Identification of differences between design and actual build
- Surface flatness, level checks, and tolerance reports
- Early detection of build issues to prevent costly rework

Progress Documentation & Reporting

- Periodic updates aligned to programme timelines
- Milestone recording for audits and claims
- Exportable reporting packages

As-Built & Handover Documentation

- Complete digital record at project completion
- Supports facility management, maintenance and lifecycle planning
- Long-term archival options

Service Benefits

- Improved transparency, accountability and oversight
- Supports regulatory compliance and quality assurance
- Minimises disputes by providing factual, time-stamped evidence
- Reduces future maintenance and refurbishment costs
- Provides a lasting “digital memory” of the asset
- Enables remote project monitoring and faster decision-making

Technical Architecture

- Cloud-hosted SaaS platform
- Secure storage of all media, drawings, point clouds and model files
- Supports JPG, PNG, MP4, LAS/LAZ, E57, DWG, DXF, RVT and IFC formats
- API integrations available on request
- Role-based access control and permission groups

Data Security, Protection & Compliance

- GDPR compliant
- UK/EU data storage
- Encrypted data transfer and storage
- Multi-factor authentication available
- Defined retention and deletion policies

- Full audit logs of user access and system activity

Service Levels and Availability

Platform Availability:

- 99.5% uptime target
- Scheduled maintenance with prior notification

Support Hours:

- Standard support: Monday–Friday, 09:00–17:00 UK time
- Extended support available upon request

Incident Response:

- Critical issues: same-day response
- Standard issues: 1–2 business days
- Non-critical: 3–5 business days

Onboarding & Implementation

Step 1: Requirements and Scope

Step 2: Capture Schedule Planning

Step 3: Site Induction and Access

Step 4: Capture Execution (Professional or Self-Capture)

Step 5: Data Processing & Quality Assurance

Step 6: Cloud Platform Access Issued

Step 7: Review Meetings & Progress Reporting

Step 8: Final Handover Package

Training:

- Platform training for client teams
- Capture process training for Self-Capture users

Pricing available on request and based on:

- Project size and complexity
- Frequency of site visits
- Number of capture types required
- Laser scan + CAD/BIM output scope
- Duration of hosting and support

Pricing Structure Options:

- Fixed price per project
- Monthly capture subscription
- Day-rate for scanning or drone work
- Annual platform licence for large multi-project clients

Ordering & Invoicing

- Services ordered via G-Cloud framework agreement
- Flexible call-off durations
- Invoicing aligned with project phases or monthly cycles
- Purchase order support provided

Termination / Exit Policy

- No lock-in beyond agreed call-off period
- Data export provided in standard formats

- Full download of all imagery, scans, CAD files, BIM models
- Optional extended hosting period
- Secure deletion after confirmation from client

Customer Responsibilities

- Provide site access and safety induction
- Ensure compliance with drone/UAV requirements
- Provide design drawings or models for deviation analysis
- Nominate key contacts for communication and sign-off

Contact Details

Supplier Contact:

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UK Delivery Region:

Nationwide