Land Surveying

Aerial Surveys & Laser Scanning

charterkc.com.au

Aerial Surveys

Using Unmanned Aerial Vehicles (UAVs) Charter can quickly and safely achieve high resolution imagery and site visuals enabling consultants' teams and clients to tour a site without leaving the office. From small to large sites, capturing data in a safe and efficient manner.

Engineers, Project and Development Managers can leverage from accurate photogrammetry volume computations, topographic surveys and models ready to assist your project requirements.

The deliverable services range from:

- High Resolution Aerial Imagery
- Site Visual Inspection
- Volume Computations
- Existing Conditions Surveys
- 3D Modeling
- Point Cloud Creation and Capture



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Laser Scanning

Charter Land Surveying provides 3D terrestrial laser scanning services for the efficient capture of detailed and accurate object point cloud. Charter Land Surveying provides 3D terrestrial laser scanning services for the efficient capture of detailed and accurate object point cloud.

Architects, Engineers, Building and Property Managers, Planners and Construction Professionals benefit from the comprehensive data recording of real-world conditions including building and structural elements, heritage facades, topographic features, plant and services.

The deliverable services range from:

- Comprehensive Point Cloud Registration Capture
- Full Colour Panoramic HD Imagery
- Remote Measurement Techniques Suitable for Restricted Access Areas
- Viewing & Measuring via TruView Web Interface
- 3D Modeling from simple visualisation to high Level of Development (LOD)
- Multiple Data Delivery Formats
- Preparation of Floor Plans, Sections & Elevations
- Integration with CAD or Building Information Modelling (BIM) Workflows



For further information on how Laser Scanning and UAV drones can value add and assist your project contact the Land Surveying team at Charter.

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PROJECTS

