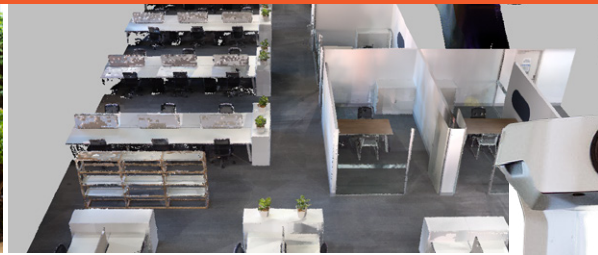


MOBILE MAPPING

REALITY CAPTURE | AGILITY | VISUALISATION



Innovation in laser scanning solutions and MNG is synonymous across Australia. The introduction of the High Accuracy LiDAR Optimiser and Interlaced Imagery (**HALO-II**) provides a new level of rapid mobile mapping for the Architectural Engineering Construction (AEC) market.

HALO-II is at the forefront of **reality capture** for every project, from residential and commercial buildings through to **complex industrial factories**. Capturing survey accurate points along with **high resolution** panoramic imagery enables **Digital Geospatial (DIGEST)** models, or Digital Twins to be created which can be accessed anywhere in the world.

VISUALISE REALITY CAPTURE

The power of reality capture comes into its own with **multiple stakeholders** requiring accurate data with **clear context** of the asset. The DIGEST model is made available online and combines accurate survey points with 360° panoramic imagery **empowering users** to be immersed in a **3D visualisation** of the asset.

This provides a natural environment for the user to view the asset from any perspective and the ability to **accurately measure** objects within the asset. Points of interest can be annotated accordingly and shared with other stakeholders.





HALO-II Services

MNG capture and deliver projects to clients across Australia, including commercial real estate owners, asset managers, infrastructure owners, utility owners, local governments, architects and consultants. Our expertise assists clients with:

VIRTUAL INSPECTIONS

- Safety assets
- Asset installations
- Progress and completion reports

DIGITAL GEOSPATIAL MODELS

- Survey accurate model
- Panoramic imagery
- Secure website

CONSTRUCTION SITES

- Progress reporting
- Save on site visits
- Feature surveys

3D VISUAL REPORTS

- Interactive information
- Points of interests
- Custom floor plans

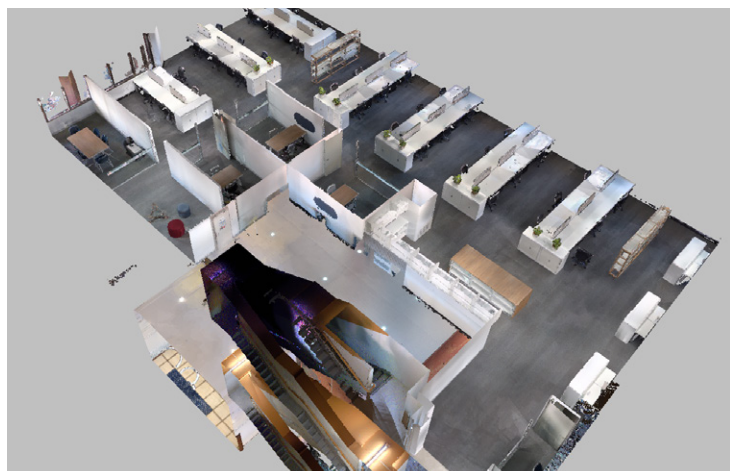
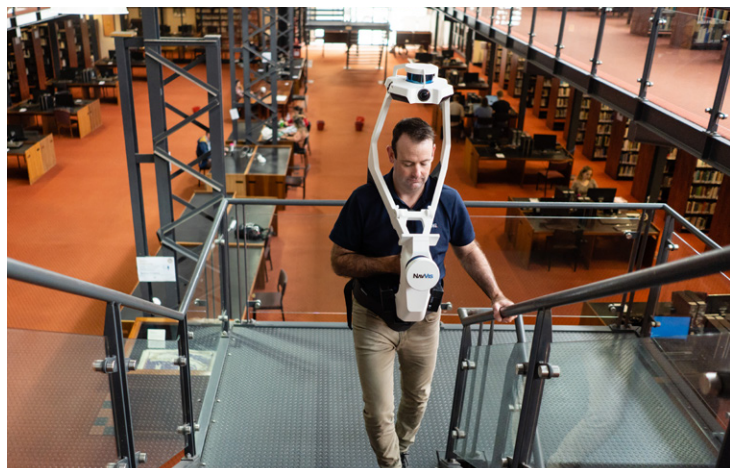
3D Intuitive Online Browser

Spatial awareness for non-technical users is made simple with the realistic interactive digital geospatial models. This enables construction sites through to completed assets on multilevel buildings and structures, indoor and outdoor to be available with secure online access.

The online browser can be customised for individual projects that require virtual routing applications in large complex sites.

2D and 3D Data Outputs

MNG can produce customised floor plans through to as-built Building Information Models (BIM) as required. All data captured on the HALO-II remains survey accurate via twin laser scanners.



OUR INNOVATIVE TECHNOLOGIES PROVIDE REALITY IN YOUR HANDS

Ready to capture your project in clear accurate and vivid reality? We'd love to sit down with you and talk through the possibilities.

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