



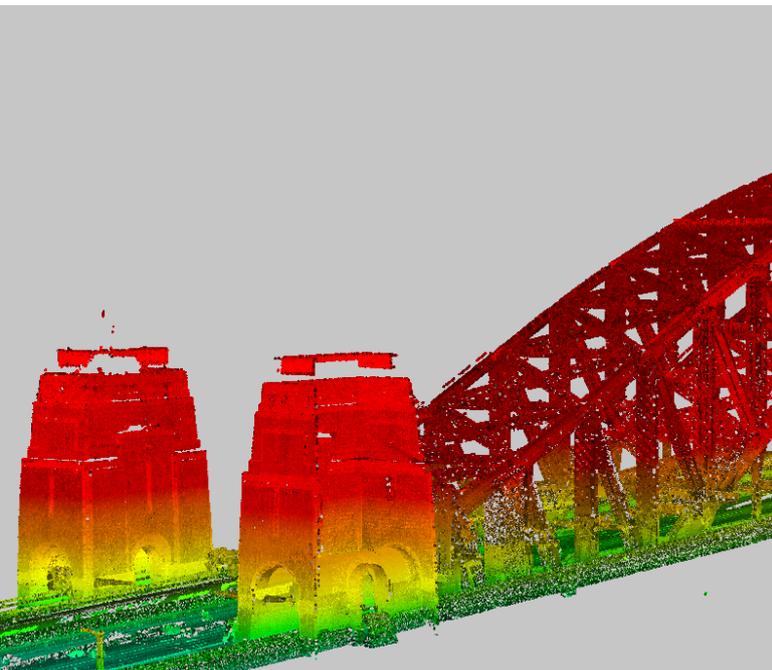
# Mobile Laser Scanning

## Speed | Quality | Experience



At MNG, we are proud pioneers of the use of **Mobile Laser Scanning** (MLS) technology in Australia. In 2010, we were the first surveying company to embrace **high density, high-speed** laser scanning technology and created our proprietary mobile laser scanning system.

As **leaders in the industry**, we work across diverse projects that demand speed, attention to detail, and safety enhancement. MLS allows road, rail and other **corridor infrastructure**, to be mapped with **unprecedented accuracy** and **efficiency**, delivering many benefits to infrastructure owners and managers.

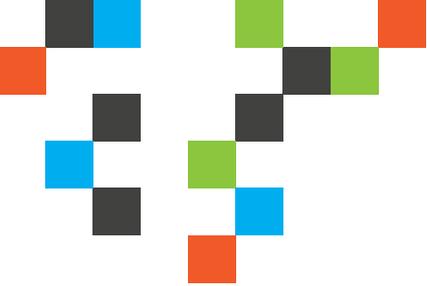


### SETTING STANDARDS SAFELY

Our technology delivers the **highest quality** data in the **safest** possible way. Our survey professionals work from within their vehicle, away from the inherent dangers of road or rail, **simultaneously** capturing **360° imagery** to provide a current street view experience.

### MULTI-PLATFORM SOLUTIONS

We have the **flexibility** to work from a **range of vehicles** most suited to the **working environment**. Platforms we have used includes **trains**, hi-rail vehicles, flat-bed trucks, buses, **small boats** and barges of opportunity, a 4WD tourist truck has even been used to get the job done.



## Roads

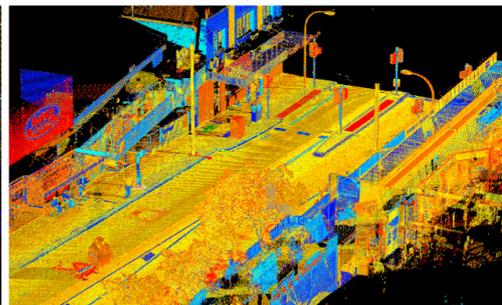
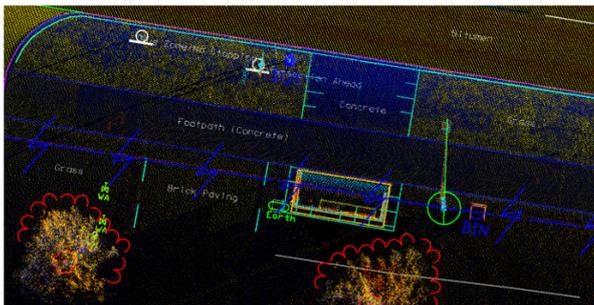
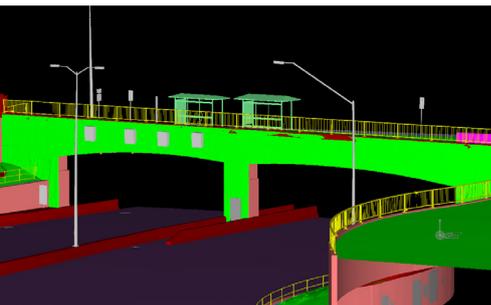
Clients rely on our expertise for **accurate 3D data** to support a range of **road corridor** development and maintenance projects. Our MLS systems produce a dense, **survey accurate point cloud** which guides decision making for **multiple studies** - safely, efficiently and with **zero traffic impact**.

Being subject independent, the scans can be used for **multiple purposes** without any need to repeat the survey. A scan survey commissioned for lane delineation is also readily converted to feature surveys, for use in quantity calculations, to study vegetation clearance, for **clash detection** in oversize transport, to investigate road standard compliance, or create detailed 3D models.

## Rail

Our MLS system is perfect for rail infrastructure surveys being built specifically to address historical challenges around **speed, accuracy and safety**. Rail engineers and managers have adopted our system into their routine and project-specific operations and rely on our **specialist expertise**. Track closures are a thing of the past as our **rapid capture system** can be deployed on any mobile platform in full consideration of ongoing operations and access.

Capture the data once and benefit from **multiple applications**, with no need for further field work. A point cloud for track geometry is easily utilised in, vegetation clearance or clash detections, safety compliance and asset capture.



CONSTANTLY MOVING

TO CAPTURE

THE MOST ACCURATE DATA

READY TO VISUALISE YOUR NEXT PROJECT AND CAPTURE OUR LASER SCANNING EXPERTISE? WE'D LOVE TO SIT DOWN WITH YOU AND TALK THROUGH THE POSSIBILITIES.



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