

3D MOBILE MAPPING SYSTEM FOR GIS APPLICATIONS

SO WHY IS IT SO SPECIAL?

- Our one pod solution can be mounted onto any moving platform
- Ruggedised all weather operation
- Eliminates the need for traffic management
- Reduces time and money spent carrying out survey work
- Reliable and accurate real-time data
- Easy to mobilise reducing the number of surveyors required



Dynascan road survey in progress

WHY BUY A DYNASCAN?

- | | |
|-------------------------------|-------------------------------|
| • Fast data collection | • Easy to use |
| • Survey all types of terrain | • Ready to use out of the box |
| • Use as an auditing tool | • Full training available |
| • Low cost of ownership | • Use on any moving platform |

Road surveying in all weather conditions



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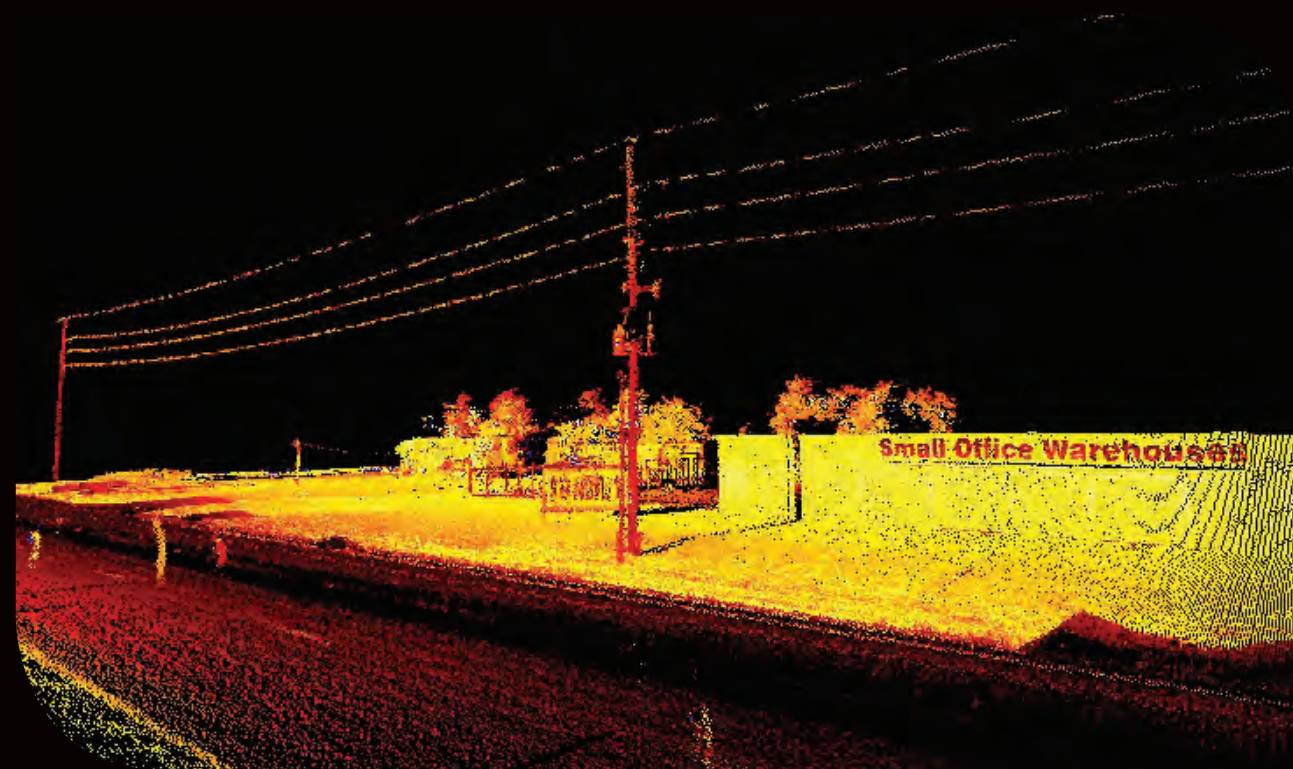
The Dynascan 3D mobile mapping system from MDL is ideal for GIS applications. It can be used to carry out surveys in order to record position and dimensional information of assets such as lamp posts, traffic lights, trees, kerbs and other items of interest.

The dynamic data acquisition of the Dynascan enables a complete street scene to be scanned in one pass. This detailed point cloud data set can provide accurate information for a wide range of feature extractions and town planning decisions.

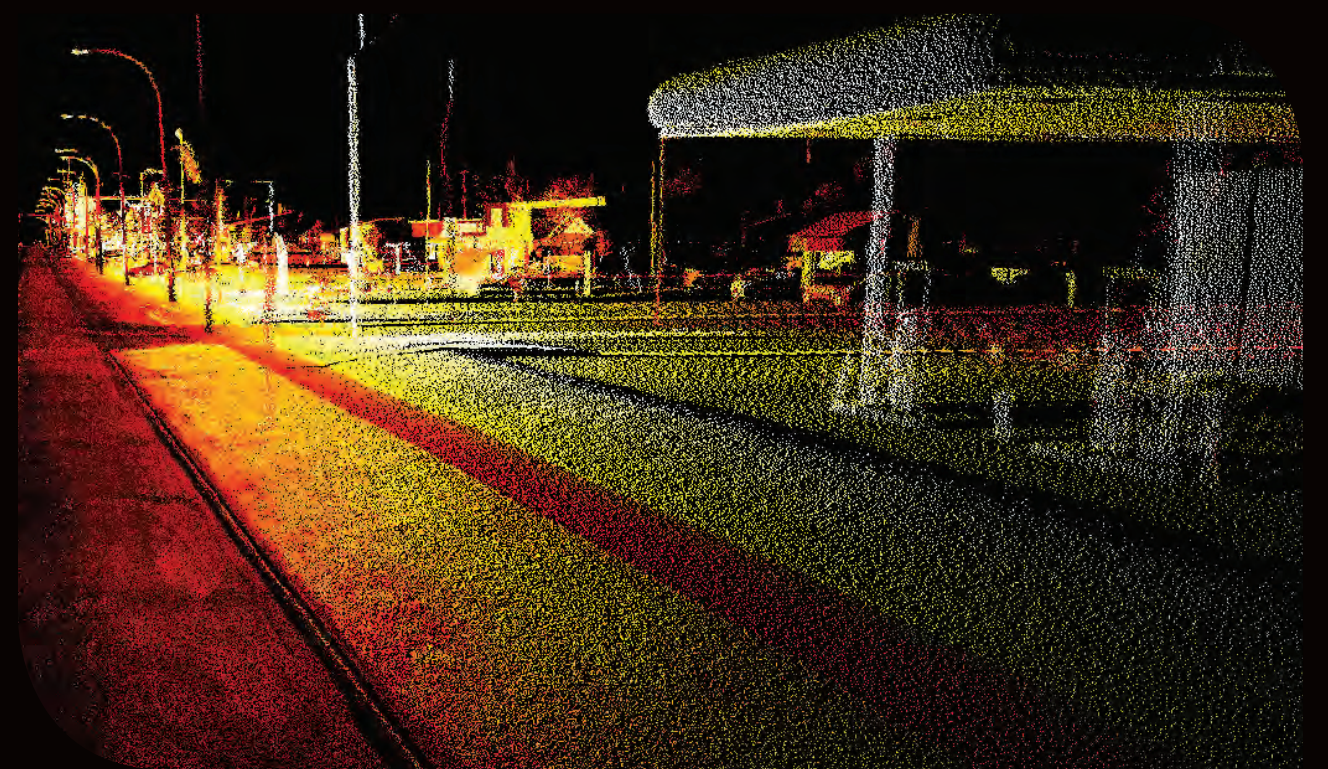
The recent addition of the DynaCam integrated camera allows point cloud data to be combined with RGB (Red Green Blue) values which enables surface features to be visually identified and extracted from the data set. For example this could allow the surveyor to quantify the permeable and impermeable areas of surface water run off on a given street scene.

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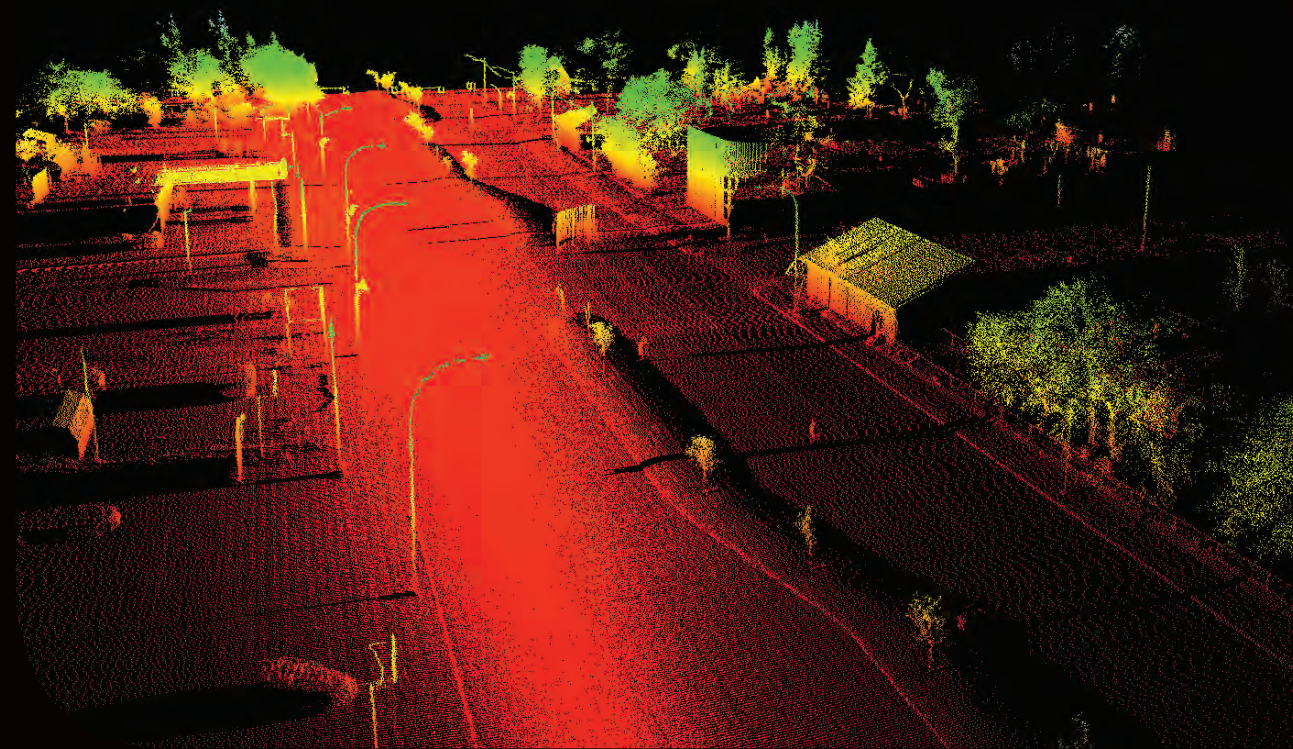




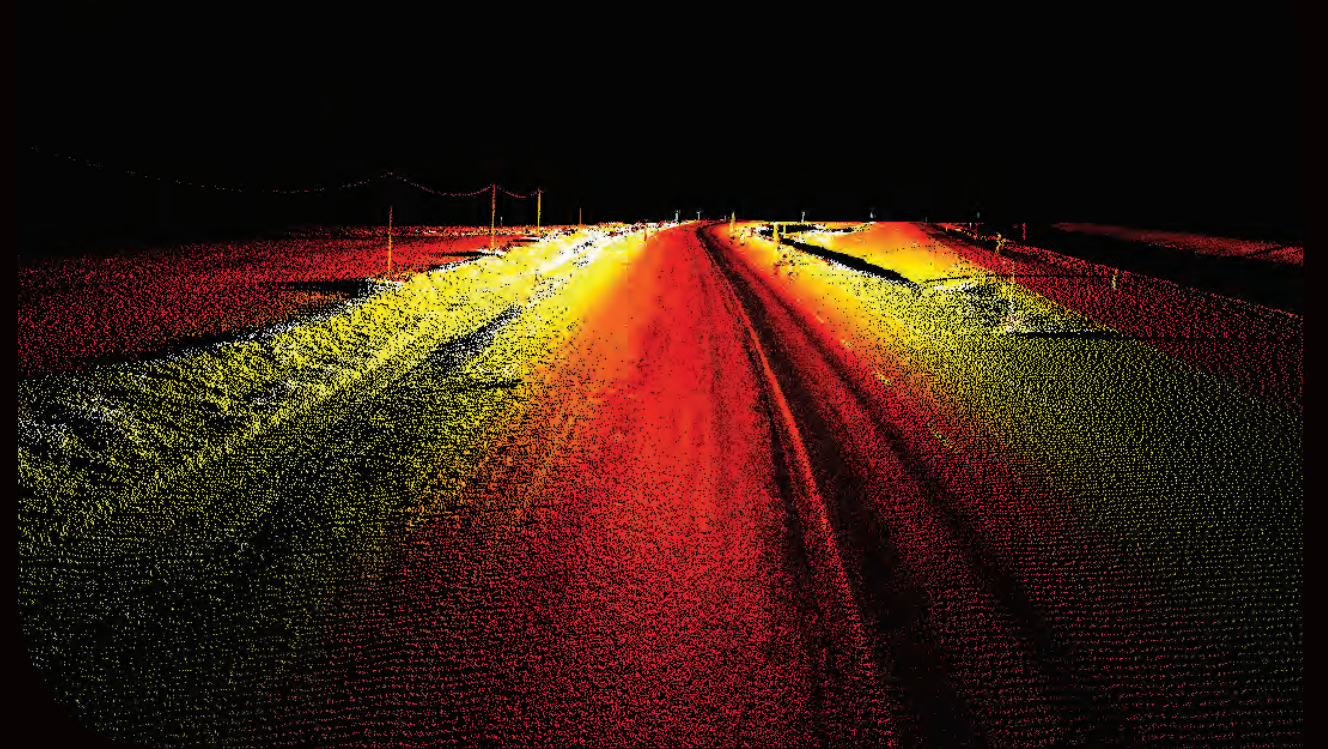
Street scene of above ground utilities



Street scene of footpath and road channel



Feature extraction of lamp posts



Highway & infrastructure data extraction